



KUMPULAN BIBLIOGRAFI ANIMAL SCIENCE TAHUN 2020

Kementerian Pertanian Republik Indonesia

**Badan Penyuluhan dan Pengembangan Sumber
Daya Manusia Pertanian**

**Balai Besar Pelatihan Kesehatan Hewan (BBPKH) -
Cinagara**



No. 1

Elert, Kerstin; García Sánchez, Rosa Maria; Benavides-Reyes, Cristina; Linares Ordóñez, Fátima

Influence of animal glue on mineralogy, strength and weathering resistance of lime plasters

Construction and Building Materials v. 226 , 2019 : p. 625-635
10.1016/j.conbuildmat.2019.07.261

Animal glue; Heritage conservation; Lime plaster; Mineralogy; Strength; Weathering resistance

No. 3

Nakagawa, Yuki; Kaneko, Takehito

Rapid and efficient production of genome-edited animals by electroporation into oocytes injected with frozen or freeze-dried sperm

Cryobiology v. 90, 2019: p. 71-74

10.1016/j.cryobiol.2019.08.004

Embryo; ICSI; Rat; Freezing; Preservation; CRISPR/Cas9; Electroporation; Freeze-dry; Genome editing; Sperm

No. 5

Surayah Osman, Nor; Ayuna Mohamed Khamil, Izume; Sapawe, Norzahir

Proximate Analysis of Animal Feed Pellet Formulated from Sunflower Shell Waste

Materials Today: Proceedings v. 19, 2019: p. 1796-1802

10.1016/j.matpr.2019.11.218

animal feed pellet; formulation; hamster; Proximate analysis; sunflower shell waste

No. 7

Małecki, Wojciech; Pawłowski, Bogusław; Sorokowski, Piotr; Oleszkiewicz, Anna

Feeling for textual animals: Narrative empathy across species lines

Poetics v. 74, 2019: p. 101334

10.1016/j.poetic.2018.11.003

Animal ethics; Animal stories; Empathic concern; Empathy for animals; Narrative empathy, ambassadorial strategic empathy; Prosocial effects of narratives

No. 2

Mansourian, Mahboubah; Mirzaei, Ali; Azarmehr, Nahid; Vakilpour, Hossein; Kokhdan, Esmaeel Panahi; Doustimotlagh, Amir Hossein

Hepatoprotective and antioxidant activity of hydroalcoholic extract of *Stachys pilifera*. Benth on acetaminophen-induced liver toxicity in male rats

Heliyon v. 5, 2019: p. e03029

10.1016/j.heliyon.2019.e03029

Acetaminophen; Animal science; Biological sciences; Food science; Health sciences; Hepatobiliary system; Hepatotoxicity; Oxidative stress; Pharmacology; Toxicology

No. 4

Wijayaratne, L.K.W.; Dissanayaka, D.M.S.K.; Sammani, A.M.P.

Variation in *Rhyzopertha dominica* (F.) (Coleoptera: Bostrychidae) progeny adult emergence in different animal feed stored under ventilated and non-ventilated conditions

Journal of Stored Products Research v. 84, 2019: p. 101516

10.1016/j.jspr.2019.101516

Animal feed; Non-ventilated; Progeny adults; Ventilated

No. 6

Ravindran, Balasubramani; Lee, Sang Ryong; Chang, Soon Woong; Nguyen, Dinh Duc; Chung, Woo Jin; Balasubramanian, Balamuralikrishnan; Mupambwa, Hupenyu Allan; Arasu, Mariadhas Valan; Al-Dhabi, Naif Abdullah; Sekaran, Ganesan

Positive effects of compost and vermicompost produced from tannery waste-animal fleshing on the growth and yield of commercial crop-tomato (*Lycopersicon esculentum* L.) plant

Journal of Environmental Management v. 234, 2019: p. 154-158

10.1016/j.jenvman.2018.12.100

Animal fleshing (ANFL); Compost; Tannery waste; Tomato plant growth; Vermicompost; Yield attributes

No. 8

Scherer, Laura; Behrens, Paul; Tukker, Arnold

Opportunity for a Dietary Win-Win-Win in Nutrition, Environment, and Animal Welfare

One Earth v. 1, 2019: p. 349-360

10.1016/j.oneear.2019.10.020

climate change; farm animals; food; footprint; human health; impact assessment; input-output analysis; land use; sustainability; water scarcity

No. 9

Blandford, Makeely I.; Katouli, Mohammad; Gilby, Ben L.; O'Dea, Christian; Olds, Andrew D.; Schlacher, Thomas A.

Not all rotten fish stink: Microbial changes in decaying carcasses increase cytotoxicity and potential risks to animal scavengers

Estuarine, Coastal and Shelf Science v. 227 , 2019 : p. 106350
10.1016/j.ecss.2019.106350

Toxicity; fish; Food web; Microbes; Necrobiome; Sandy beach; Scavenger

No. 11

Jin, Jing; Xue, Nina; Liu, Yuan; Fu, Rong; Wang, Mingjin; Ji, Ming; Lai, Fangfang; Hu, Jinping; Wang, Xiaojian; Xiao, Qiong; Zhang, Xiaoying; Yin, Dali; Bai, Liping; Chen, Xiaoguang; Rao, Shuan

A novel S1P1 modulator IMM002 ameliorates psoriasis in multiple animal models

Acta Pharmaceutica Sinica B v. , 2019: p.
10.1016/j.apsb.2019.11.006

IMM002; Lymphocyte; Psoriasis; S1P; S1P agonist

No. 13

Craig, Evisabel; Lowe, Kelly; Akerman, Gregory; Dawson, Jeffrey; May, Brenda; Reaves, Elissa; Lowit, Anna

Reducing the need for animal testing while increasing efficiency in a pesticide regulatory setting: Lessons from the EPA Office of Pesticide Programs' Hazard and Science Policy Council

Regulatory Toxicology and Pharmacology v. 108, 2019: p. 104481
10.1016/j.yrtph.2019.104481

3Rs; HASPOC; Pesticides; Risk assessment

No. 15

Li, Xiaomin; Gao, Ke; Dong, Shujun; Liu, Xian; Fu, Kehan; Wang, Peilong; Zhang, Aiqian; Su, Xiaou; Fu, Jianjie

Length-specific occurrence and profile of perfluoroalkyl acids (PFAAs) in animal protein feeds

Journal of Hazardous Materials v. 373, 2019: p. 224-231
10.1016/j.jhazmat.2019.03.074

Animal-derived feed; Marine-origin feed; Perfluoroalkyl acids; Plant-derived feed; Terrestrial-origin feed

No. 10

Allen, Benjamin L.; Allen, Lee R.; Ballard, Guy; Drouilly, Marine; Fleming, Peter J.S.; Hampton, Jordan O.; Hayward, Matthew W.; Kerley, Graham I.H.; Meek, Paul D.; Minnie, Liaan; O'Riain, M. Justin; Parker, Daniel M.; Somers, Michael J.

Animal welfare considerations for using large carnivores and guardian dogs as vertebrate biocontrol tools against other animals

Biological Conservation v. 232, 2019: p. 258-270
10.1016/j.biocon.2019.02.019

Animal ethics; Animal welfare; Biocontrol; Decision matrix; Dingo; Fear effects; Guardian dog; Humaneness; Landscape of fear; Leopard; Predator-prey relationships

No. 12

Addo-Tenkorang, Richard; Gwangwava, Norman; Ogunmuyiwa, Enoch N.; Ude, Albert U.

Advanced Animal Track-&-Trace Supply-Chain Conceptual Framework: An Internet of Things Approach

Procedia Manufacturing v. 30, 2019: p. 56-63
10.1016/j.promfg.2019.02.009

Animal Identification; Cloud/Virtual Network; Digital manufacturing – 3D Printing; Google Earth; Supply Chain Management; The Internet of things; Tracking

No. 14

Ma, Peipei; Lund, Mogens S.; Aamand, Gert P.; Su, Guosheng

Use of a Bayesian model including QTL markers increases prediction reliability when test animals are distant from the reference population

Journal of Dairy Science v. 102, 2019: p. 7237-7247
10.3168/jds.2018-15815

Bayesian model; distant relationship; genomic prediction; QTL markers

No. 16

Lippolis, J.D.; Powell, E.J.; Reinhardt, T.A.; Thacker, T.C.; Casas, E.

Symposium review: Omics in dairy and animal science—Promise, potential, and pitfalls*

Journal of Dairy Science v. 102, 2019: p. 4741-4754
10.3168/jds.2018-15267

genome-wide association study (GWAS); omics technology; proteomics; sequencing; transcriptomics

No. 17

Bauer, Benjamin W.; Radovanovic, Anita; Willson, Nicky-Lee; Bajagai, Yadav Sharma; Hao Van, Thi Thu; Moore, Robert J.; Stanley, Dragana

Oregano: A potential prophylactic treatment for the intestinal microbiota

Heliyon v. 5 , 2019 : p. e02625
10.1016/j.heliyon.2019.e02625

Chicken; Animal science; Antibiotic alternative; Food microbiology; Gastrointestinal system; Microbiology; Microbiota; Oregano; Public health

No. 18

Hopman, Nonke E.M.; Portengen, Lützen; Heederik, Dick J.J.; Wagenaar, Jaap A.; Van Geijlswijk, Ingeborg M.; Broens, Els M.

Time trends, seasonal differences and determinants of systemic antimicrobial use in companion animal clinics (2012-2015)

Veterinary Microbiology v. 235, 2019: p. 289-294
10.1016/j.vetmic.2019.07.016

Antimicrobial use; Companion animal; Determinant; Seasonality; Time trend; Veterinary medicine

No. 19

Warenik-Bany, Malgorzata; Maszewski, Sebastian; Mikolajczyk, Szczepan; Piskorska-Pliszczynska, Jadwiga

Impact of environmental pollution on PCDD/F and PCB bioaccumulation in game animals

Environmental Pollution v. 255, 2019: p. 113159
10.1016/j.envpol.2019.113159

Bioaccumulation; Dioxins; Environmental pollution; Game animals; PCBs

No. 20

Mezaki, Yoshihiro; Kato, Shigeaki; Nishikawa, Osamu; Takashima, Isao; Tsubokura, Masaharu; Minowa, Haruka; Asakura, Tadashi; Matsuura, Tomokazu; Senoo, Haruki

Measurements of radiocesium in animals, plants and fungi in Svalbard after the Fukushima Daiichi nuclear power plant disaster

Heliyon v. 5, 2019: p. e03051
10.1016/j.heliyon.2019.e03051

Bioaccumulation; Aquatic biology; Arctic; Cesium; Environmental radioactivity; Environmental science; Fukushima Daiichi nuclear power plant; Quality of life; Radioactivity; Svalbard; Water pollution

No. 21

Kurita, Goro; Tsuyuki, Yuzo; Murata, Yoshiteru; Takahashi, Takashi

Reduced rates of antimicrobial resistance in Staphylococcus intermedius group and Escherichia coli isolated from diseased companion animals in an animal hospital after restriction of antimicrobial use

Journal of Infection and Chemotherapy v. 25, 2019: p. 531-536
10.1016/j.jiac.2019.02.017

Antimicrobial resistance; Companion animals; group; Restriction of antimicrobial use

No. 22

van Luijk, Judith A.K.R.; Popa, Madalina; Swinkels, Janne; Menon, Julia M.L.; Alkema, Wynand; Roeleveld, Nel; Hoffmann, Sebastian E.; Schlünsen, Vivi; Mandrioli, Daniele; Ritskes-Hoitinga, Merel; Scheepers, Paul T.J.

Establishing a health-based recommended occupational exposure limit for nitrous oxide using experimental animal data – A systematic review protocol

Environmental Research v. 178, 2019: p. 108711
10.1016/j.envres.2019.108711

Animal experimentation; Nitrous oxide; Occupational exposure; OEL; Reproductive and developmental toxicity; Systematic review

No. 23

Monsalve, Stefany; Pereira, Érika Leitão; Leite, Luana Oliveira; Polo, Gina; Garcia, Rita

Perception, knowledge and attitudes of small animal practitioners regarding animal abuse and interpersonal violence in Brazil and Colombia

Research in Veterinary Science v. 124, 2019: p. 61-69
10.1016/j.rvsc.2019.03.002

Animal cruelty; Companion animal maltreatment; Human-animal relationship; Link theory; Veterinary education

No. 24

Wang, Wenling; Wang, Tianyu; Deng, Yao; Niu, Peihua; A, Ruhan; Zhao, Jincun; Peiris, Malik; Tang, Shixing; Tan, Wenjie

A novel luciferase immunosorbent assay performs better than a commercial enzyme-linked immunosorbent assay to detect MERS-CoV specific IgG in humans and animals

Biosafety and Health v. , 2019: p.
10.1016/j.bsheat.2019.12.006

Luciferase immunosorbent assay (LISA); MERS-CoV; Samples of humans and animals; Serological IgG detection

No. 25

Rinsky, Jessica L.; Richardson, David B.; Kreiss, Kathleen; Nylander-French, Leena; Beane Freeman, Laura E.; London, Stephanie J.; Henneberger, Paul K.; Hoppin, Jane A.

Animal production, insecticide use and self-reported symptoms and diagnoses of COPD, including chronic bronchitis, in the Agricultural Health Study

Environment International v. 127 , 2019 : p. 764-772

10.1016/j.envint.2019.02.049

Pesticide; Environmental health; Epidemiology; Occupational health

No. 27

Sibanda, Vennan; Mpofu, Khumbulani; Trimble, John; Zengeni, Noreen

Design of an Animal Detection System for Motor Vehicle Drivers

Procedia CIRP v. 84, 2019: p. 755-760

10.1016/j.procir.2019.04.175

Animal detection system; Infrared; Thermal detection; Ultrasound

No. 29

Boschetti, Egisto; Hernández-Castellano, Lorenzo E.; Righetti, Pier Giorgio

Progress in farm animal proteomics: The contribution of combinatorial peptide ligand libraries

Journal of Proteomics v. 197, 2019: p. 1-13

10.1016/j.jprot.2019.02.005

Animal health; Animal proteomes; Combinatorial peptide ligand libraries; Low-abundance proteins

No. 31

Turan, Ertan; Çetin, Gürçan

Using artificial intelligence for modeling of the realistic animal behaviors in a virtual island

Computer Standards & Interfaces v. 66, 2019: p. 103361

10.1016/j.csi.2019.103361

Animal behaviors; Artificial intelligence; Fuzzy logic; Unity 3D modeling; Virtual environment

No. 26

Sonoda, Kohei; Murakami, Hisashi; Niizato, Takayuki; Tomaru, Takenori; Nishiyama, Yuta; Gunji, Yukio-Pegio

Propagating wave based on transition of interaction within animal group

Biosystems v. 185, 2019: p. 104019

10.1016/j.biosystems.2019.104019

Animal behavior; Animal group; Self-organization; Self-propelled particles

No. 28

Dunne, J.; Manning, K.; Linstädter, J.; Mikdad, A.; Breeze, P.; Hutterer, R.; Lehnig, S.; Morales, J.; Gillard, T.; Drake, N.; Evershed, R.P.

Pots, plants and animals: Broad-spectrum subsistence strategies in the Early Neolithic of the Moroccan Rif region

Quaternary International v. , 2019: p.

10.1016/j.quaint.2019.12.009

Animal management; Dairying; Eastern Rif; Epipalaeolithic; Fauna; Morocco; Neolithic; Organic residue analyses

No. 30

Olowe, Olugbenga Adekunle; Adefioye, Olusolabomi J.; Ajayeoba, Titilayo A.; Schiebel, Juliane; Weinreich, Jörg; Ali, Aamir; Burdukiewicz, Michał; Rödiger, Stefan; Schierack, Peter

Phylogenetic grouping and biofilm formation of multidrug resistant Escherichia coli isolates from humans, animals and food products in South-West Nigeria

Scientific African v. 6, 2019: p. e00158

10.1016/j.sciaf.2019.e00158

Animals; Antibiotic resistance; Food products; Human; Multidrug resistance; Nigeria

No. 32

Fodstad, Jill C.; Bauers, Jodi; Sexton, Melissa; Butler, Melissa; Karlsson, Cassie; Neff, Mallory

Development of an animal-assisted activity program on a pediatric behavioral health unit

Complementary Therapies in Clinical Practice v. 36, 2019: p. 153-157

10.1016/j.ctcp.2019.07.001

Canine; Animal assisted activities; Behavioral health; Children's hospitals; Pediatric; Pet therapy

No. 33

Zhang, Junya; Lu, Tiedong; Chai, Yufeng; Sui, Qianwen; Shen, Peihong; Wei, Yuansong

Which animal type contributes the most to the emission of antibiotic resistance genes in large-scale swine farms in China?

Science of The Total Environment v. 658 , 2019 : p. 152-159
10.1016/j.scitotenv.2018.12.175

Animal types; Antibiotic resistance genes; Large-scale swine farms; Microbial community; Swine manure

No. 34

Shou, Jiayi; Tran, Angelica; Snyder, Natasha; Bleem, Eric; Kim, Seonil

Distinct Roles of GluA2-lacking AMPA Receptor Expression in Dopamine D1 or D2 Receptor Neurons in Animal Behavior

Neuroscience v. 398, 2019: p. 102-112

10.1016/j.neuroscience.2018.12.002

animal behavior; calcium-permeable AMPA receptor; D1 receptor; D2 receptor

No. 35

Guo, Zichun; Zhang, Jiabao; Fan, Jun; Yang, Xueyun; Yi, Yanli; Han, Xiaori; Wang, Daozhong; Zhu, Ping; Peng, Xinhua

Does animal manure application improve soil aggregation? Insights from nine long-term fertilization experiments

Science of The Total Environment v. 660, 2019: p. 1029-1037

10.1016/j.scitotenv.2019.01.051

Animal manure; Binding agents; Dispersing agents; Glomalin; Soil aggregate stability; Soil aggregation

No. 36

Markova, Mariya; Koelman, Liselot; Hornemann, Silke; Pivovarova, Olga; Sucher, Stephanie; Machann, Juergen; Rudovich, Natalia; Thomann, Ralph; Schneeweiss, Rosemarie; Rohn, Sascha; Pfeiffer, Andreas F.H.; Aleksandrova, Krasimira

Effects of plant and animal high protein diets on immune-inflammatory biomarkers: A 6-week intervention trial

Clinical Nutrition v. , 2019: p.

10.1016/j.clnu.2019.03.019

Animal; Animal diet; Dietary protein; Inflammation; Legumes; Plant diet

No. 37

Kalder, Johannes; Isfort, Peter; Reinartz, Sebastian Daniel; Gremse, Felix; Yamoah, Grace Gyamfuah; Gesche, Valentine; Kotelis, Drosos; Tolba, Rene; Jacobs, Michael Johan; Jalaie, Houman

New Large Animal Model for Aortic Aneurysms in the Viscerorenal Segment

Journal of Surgical Research v. 240, 2019: p. 156-164

10.1016/j.jss.2019.02.054

Animal; Aorta; Aortic aneurysm; Endovascular procedures; Models

No. 38

Valvassori, Samira S.; Gava, Fernanda F.; Dal-Pont, Gustavo C.; Simões, Henio Leonardo; Damiani-Neves, Marcela; Andersen, Monica Levy; Boeck, Carina Rodrigues; Quevedo, João

Effects of lithium and valproate on ERK/JNK signaling pathway in an animal model of mania induced by amphetamine

Heliyon v. 5, 2019: p. e01541

10.1016/j.heliyon.2019.e01541

Molecular biology; Neuroscience

No. 39

Telldahl, C.; Hansson, H.; Emanuelson, U.

Modelling animal health as a production factor in dairy production- a case of low somatic cell counts in Swedish dairy agriculture

Livestock Science v. 230, 2019: p. 103840

10.1016/j.livsci.2019.103840

Dairy cows; Economic consequences; Mastitis; Sweden

No. 40

Rezaei Asl, Zahra; Sepehri, Gholamreza; Salami, Mahmoud

Probiotic treatment improves the impaired spatial cognitive performance and restores synaptic plasticity in an animal model of Alzheimer's disease

Behavioural Brain Research v. 376, 2019: p. 112183

10.1016/j.bbr.2019.112183

Probiotics; Alzheimer's disease; Animal model; Long-term potentiation; Spatial memory

No. 41 Huck, Maren; Watson, Samantha The use of animal-borne cameras to video-track the behaviour of domestic cats Applied Animal Behaviour Science v. 217 , 2019 : p. 63-72 10.1016/j.applanim.2019.04.016 Ethogram; Inter-observer reliability; Recording rules; Time-budget; Video-tracking	No. 42 Wang, Feiyang; Basso, Frédéric "Animals are friends, not food": Anthropomorphism leads to less favorable attitudes toward meat consumption by inducing feelings of anticipatory guilt Appetite v. 138, 2019: p. 153-173 10.1016/j.appet.2019.03.019 Metaphor; Anthropomorphism; Anticipatory guilt; Meat consumption; Meat paradox
No. 43 Sokolowski, Chester M.; Higgins, Simon; Vishwanathan, Megha; Evans, Ellen M. The relationship between animal and plant protein intake and overall diet quality in young adults Clinical Nutrition v. , 2019: p. 10.1016/j.clnu.2019.11.035 Animal protein; Diet quality; Disease risk; Plant protein; Protein source	No. 44 Dong, Shujun; Zhang, Su; Li, Xiaomin; Li, Tong; Fan, Mengdie; Wang, Yaxin; Cheng, Jie; Wang, Ruiguo; Zou, Yun; Wang, Shi; Suo, Decheng; Wang, Peilong; Su, Xiaoou Short- and medium-chain chlorinated paraffins in plastic animal feed packaging and factors affect their migration into animal feed Journal of Hazardous Materials v. , 2019: p. 121836 10.1016/j.jhazmat.2019.121836 Migration; Animal feed; Chlorinated paraffin; Polyethylene; Polypropylene
No. 45 Dias, Carla; Ribeiro, Marta; Correia-Branco, Ana; Domínguez-Perles, Raul; Martel, Fátima; Saavedra, María José; Simões, Manuel Virulence, attachment and invasion of Caco-2 cells by multidrug-resistant bacteria isolated from wild animals Microbial Pathogenesis v. 128, 2019: p. 230-235 10.1016/j.micpath.2019.01.011 Virulence; Bacterial attachment; Caco-2 cell line; Host cells invasion; Wild animals	No. 46 Villetaz Robichaud, M.; Rushen, J.; de Passillé, A.M.; Vasseur, E.; Orsel, K.; Pellerin, D. Associations between on-farm animal welfare indicators and productivity and profitability on Canadian dairies: I. On freestall farms Journal of Dairy Science v. 102, 2019: p. 4341-4351 10.3168/jds.2018-14817 productivity; profitability; welfare indicator; well-being
No. 47 Hooten, Mevin B.; Lu, Xinyi; Garlick, Martha J.; Powell, James A. Animal movement models with mechanistic selection functions Spatial Statistics v. , 2019: p. 100406 10.1016/j.spasta.2019.100406 Partial differential equation; Point process; Resource selection function; Step selection function	No. 48 Valvassori, Samira S.; Dal-Pont, Gustavo C.; Tonin, Paula T.; Varela, Roger B.; Ferreira, Camila L.; Gava, Fernanda F.; Andersen, Monica L.; Soares, Jair C.; Quevedo, João Coadministration of lithium and celecoxib attenuates the behavioral alterations and inflammatory processes induced by amphetamine in an animal model of mania Pharmacology Biochemistry and Behavior v. 183, 2019: p. 56-63 10.1016/j.pbb.2019.05.009 Inflammation; Animal model of mania; Bipolar disorder; Celecoxib; Cytokines; Lithium; Mania

No. 49

Colombino, Elena; Capella, Silvana; Casalnuovo, Francesco; Racco, Rocco; Pruiti, Flavia; Volante, Marco; Di Marco Lo Presti, Vincenzo; Belluso, Elena; Capucchio, Maria Teresa

Malignant peritoneal mesothelioma in a boar who lived in Calabria (Italy): Wild animal as sentinel system of human health

Science of The Total Environment v. 683 , 2019 : p. 267-274

10.1016/j.scitotenv.2019.05.254

Asbestos environmental exposure; Boar; Mesothelioma; Sentinel animals

No. 51

Rink, K.A.; Turk, P.; Archibeque-Engle, S.L.; Wilmer, H.; Ahola, J.K.; Hadrich, J.C.; Roman-Muniz, I.N.

Dairy producer perceptions of the Farmers Assuring Responsible Management (FARM) Animal Care Program

Journal of Dairy Science v. 102, 2019: p. 11317-11327

10.3168/jds.2019-16859

animal care; dairy producer; Farmers Assuring Responsible Management; survey

No. 53

Shapovalov, Sergii; Mikhaylov, Sergei; Andrey, Skryl; Cheresheva, Yelizaveta; Tsomartova, Dibahan; Ivanova, Marina; Tsomartova, Elina; Shapovalova, Diana; Pavlova, Mariia

Calf demand provision by mammary gland secretion during the first decade of post-natal development

Heliyon v. 5, 2019: p. e02676

10.1016/j.heliyon.2019.e02676

Animal science; Food science; Ruminant; Analytical chemistry; Animal nutrition; Colostrum; Immunoglobulins; Lactoferrin; Minor nutrient elements; Somatic cells

No. 55

Zhu, Qi; Zhuang, Xuxu; Lu, Jiahong

Neuroprotective effects of baicalein in animal models of Parkinson's disease: A systematic review of experimental studies

Phytomedicine v. 55, 2019: p. 302-309

10.1016/j.phymed.2018.09.215

Baicalein; In-vivo; Neuroprotective effects; Parkinson's disease; PD animal models

No. 50

Astorga, Francisco; Navarrete-Talloni, María J.; Miró, María P.; Bravo, Verónica; Toro, Magaly; Blondel, Carlos J.; Hervé-Claude, Luis P.

Antimicrobial resistance in E. coli isolated from dairy calves and bedding material

Heliyon v. 5, 2019: p. e02773

10.1016/j.heliyon.2019.e02773

Agriculture; Cattle; Animal science; Microbiology; Veterinary medicine; Antimicrobial resistance; Animal breeding; Calf; Dairy; Livestock management; Ruminant

No. 52

Corah, Louise; Lambert, Alison; Cobb, Kate; Mossop, Liz

Appointment scheduling and cost in first opinion small animal practice

Heliyon v. 5, 2019: p. e02567

10.1016/j.heliyon.2019.e02567

Veterinary medicine; Appointment length; Business; Clinical practice; Consultation; Practice management; Veterinary profession

No. 54

Souza, Kennyson Alves de; Monteschio, Jéssica de Oliveira; Mottin, Camila; Ramos, Tatiane Rogelio; Pinto, Laura Adriane de Moraes; Eiras, Carlos Emanuel; Guerrero, Ana; Prado, Ivanor Nunes do

Effects of diet supplementation with clove and rosemary essential oils and protected oils (eugenol, thymol and vanillin) on animal performance, carcass characteristics, digestibility, and ingestive behavior activities for Nellore heifers finished in feed

Livestock Science v. 220, 2019: p. 190-195

10.1016/j.livsci.2018.12.026

digestibility; Beef cattle; Carcass quality; Natural extracts; Nutrition

No. 56

Zhao, Wenjie; Zuo, Huiying; Guo, Yun; Liu, Kejian; Wang, Sheng; He, Lijun; Jiang, Xiuming; Xiang, Guoqiang; Zhang, Shusheng

Porous covalent triazine-terphenyl polymer as hydrophilic-lipophilic balanced sorbent for solid phase extraction of tetracyclines in animal derived foods

Talanta v. 201, 2019: p. 426-432

10.1016/j.talanta.2019.04.010

Animal derived foods; Covalent triazine polymer; Hydrophilic-lipophilic balance; Solid phase extraction; Tetracyclines

No. 57

Derkley, Tessa; Biggs, Duan; Holden, Matthew; Phillips, Clive

A framework to evaluate animal welfare implications of policies on rhino horn trade

Biological Conservation v. 235 , 2019 : p. 236-249

10.1016/j.biocon.2019.05.004

Animal-welfare; Conservation; Horn trade; Legal-dehorning; Poaching; Rhino

No. 59

Taniguchi, Yui; Koide, Shota; Maeyama, Yoshihiko; Tamai, Kiyoko; Hayashi, Wataru; Tanaka, Hayato; Imura, Masaki; Suzuki, Masahiro; Nagano, Yukiko; Arakawa, Yoshichika; Nagano, Noriyuki

Predominance of methicillin-resistant *Staphylococcus aureus* SCCmec type II-CC5 and SCCmec type IV-CC1/CC8 among companion animal clinical isolates in Japan; findings from phylogenetic comparison with human clinical isolates

Journal of Global Antimicrobial Resistance v. , 2019: p.

10.1016/j.jgar.2019.08.016

companion animals; MRSA; POT; SCCType; sequence type

No. 61

Posht-e Masari, Hesam Amou; Hafezian, Seyyed Hassan; Abdollahi-Arpanahi, Rostam; Mokhtari, Morteza Sattaei; Mianji, Ghodrattollah Rahimi; Yeganeh, Amir Taheri

The comparison of alternative models for genetic evaluation of growth traits in Lori-Bakhtiari sheep: Implications on predictive ability and ranking of animals

Small Ruminant Research v. 173, 2019: p. 59-64

10.1016/j.smallrumres.2019.02.007

Sheep; Body weight; Causal relationships; Structural equation models

No. 63

Schulting, Rick J.; le Roux, Petrus; Gan, Yee Min; Pouncett, John; Hamilton, Julie; Snoeck, Christophe; Ditchfield, Peter; Henderson, Rowena; Lange, Priscilla; Lee-Thorp, Julia; Gosden, Chris; Lock, Gary

The ups & downs of Iron Age animal management on the Oxfordshire Ridgeway, south-central England: A multi-isotope approach

Journal of Archaeological Science v. 101, 2019: p. 199-212

10.1016/j.jas.2018.09.006

Animal mobility; Carbon; Nitrogen; Oxygen; Sequential sampling; Stable isotopes; Strontium

No. 58

Garcia-Morante, Beatriz; Noguera, Marta; Klocke, Sonja; Sommer, Kathrin; Kaiser, Troy; Haist, Verena; Schmidt, Holger; Bridger, Philip

A novel subunit vaccine based on the viral protein 2 of porcine parvovirus: safety profile in bred pigs at different stages of the reproduction cycle and in offspring

Heliyon v. 5, 2019: p. e02593

10.1016/j.heliyon.2019.e02593

Animal science; Microbiology; Veterinary medicine; Infectious disease; Mass vaccination; Pigs; Porcine parvovirus 1; Subunit vaccine; Vaccine safety; Vaccines; Virology

No. 60

Utama, Dicky Tri; Jeong, Hae Seong; Kim, Juntae; Barido, Farouq Heidar; Lee, Sung Ki

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emulsion; functional ingredient; n3-enrichment; perilla oil; reduced-fat sausage

No. 62

Gardner, Ian A.; Colling, Axel; Greiner, Matthias

Design, statistical analysis and reporting standards for test accuracy studies for infectious diseases in animals: Progress, challenges and recommendations

Preventive Veterinary Medicine v. 162, 2019: p. 46-55

10.1016/j.prevetmed.2018.10.023

Design; Analysis; Animal disease; Quality standards; Reporting; Sensitivity; Specificity; Test accuracy

No. 64

Clemente, Lurdes; Manageiro, Vera; Correia, Ivone; Amaro, Ana; Albuquerque, Teresa; Themudo, Patrícia; Ferreira, Eugénia; Caniça, Manuela

Revealing mcr-1-positive ESBL-producing *Escherichia coli* strains among Enterobacteriaceae from food-producing animals (bovine, swine and poultry) and meat (bovine and swine), Portugal, 2010–2015

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10.1016/j.ijfoodmicro.2019.02.006

emergence; ESBL; Food-producing animals; Meat; PMAB

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Journal of Archaeological Science: Reports v. 28 , 2019 : p. 102025
10.1016/j.jasrep.2019.102025
Hierarchy; Horse; Iconography; Paleolithic art; Structuration
- No. 66**
Li, Cui-yu; Fang, Ai-ping; Ma, Wen-jun; Wu, Shang-ling; Li, Chun-lei; Chen, Yu-ming; Zhu, Hui-lian
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Dietary protein; Animal protein; Plant protein; Sarcopenia; Skeletal muscle mass
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Stoddard, Elisabeth A.; Hovorka, Alice
Animals, vulnerability and global environmental change: The case of farmed pigs in concentrated animal feeding operations in North Carolina
Geoforum v. 100, 2019: p. 153-165
10.1016/j.geoforum.2019.01.002
Animal agency; Animal geographies; Differential vulnerability; Global environmental change; Political ecology; Vulnerability
- No. 68**
Tiedeman, Kate; Hijmans, Robert J.; Mandel, Alexander; Waetjen, David P.; Shilling, Fraser
The quality and contribution of volunteer collected animal vehicle collision data in ecological research
Ecological Indicators v. 106, 2019: p. 105431
10.1016/j.ecolind.2019.05.062
Animal vehicle collisions; Citizen science; Species ranges; Volunteer-science; Wildlife vehicle collisions
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Examining the relative influence of animal movement patterns and mortality models on the distribution of animal transported subsidies
Ecological Modelling v. 412, 2019: p. 108824
10.1016/j.ecolmodel.2019.108824
Active subsidies; Animal movement; Individual-based models; Mortality
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The effects of herd size on the welfare of dairy cows in a pasture-based system using animal- and resource-based indicators
Journal of Dairy Science v. 102, 2019: p. 3406-3420
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assessment; dairy cow; welfare
- No. 71**
Hopman, Nonke E.M.; Mughini-Gras, Lapo; Speksnijder, David C.; Wagenaar, Jaap A.; van Geijlswijk, Ingeborg M.; Broens, Els M.
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Preventive Veterinary Medicine v. 170, 2019: p. 104717
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Antimicrobial use; Companion animal; Veterinary medicine; Explanatory variable; Prescribing behaviour
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Biosafety and Health v. 1, 2019: p. 84-90
10.1016/j.bsheat.2019.10.004
Bat coronavirus; Disease emergence; Human-animal interaction; Rural community; Southern China

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Dong, Zhen; Sun, Jichao; Bai, Yubin; Wang, Weiwei; Zhu, Yueming; Li, Bing; Cheng, Fusheng; Wei, Xiaojuan; Song, Enliang; Cheng, Haijian; Jiang, Fugui; Zhou, Xuzheng; Zhang, Jiyu

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Regulatory Toxicology and Pharmacology v. 103 , 2019 : p. 21-33
10.1016/j.yrtph.2019.01.012

Bovine; Oxyclozanide suspension; Safety; Target animal; Toxicity risk

No. 74

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Farmer welfare and animal welfare- Exploring the relationship between farmer's occupational well-being and stress, farm expansion and animal welfare

Preventive Veterinary Medicine v. 170, 2019: p. 104741
10.1016/j.prevetmed.2019.104741

Animal welfare; Animal welfare indicator; Dairy farming; Occupational well-being

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Wang, Jing; Sun, Nan; Xu, Minggang; Wang, Shenqiang; Zhang, Jinbo; Cai, Zucong; Cheng, Yi

The influence of long-term animal manure and crop residue application on abiotic and biotic N immobilization in an acidified agricultural soil

Geoderma v. 337, 2019: p. 710-717
10.1016/j.geoderma.2018.10.022

Animal manure; Abiotic N immobilization; Biotic N immobilization; N tracer techniques; Straw return

No. 76

Zhang, Yuke; Liu, Xuehua; Lv, Zixin; Zhao, Xiangyu; Yang, Xingzhong; Jia, Xiaodong; Sun, Wanlong; He, Xiangbo; He, Baishuo; Cai, Qiong; Zhu, Yun

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Ecological Engineering v. 136, 2019: p. 23-29
10.1016/j.ecoleng.2019.05.020

Animal diversity; Camera trapping; Forest restoration scheme; The Qinling Mountains

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Geoforum v. 99, 2019: p. 1-10
10.1016/j.geoforum.2018.12.013

Farm animal welfare; Performative methods; Public understanding of science; Situated knowledges

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Food Research International v. 122, 2019: p. 566-572
10.1016/j.foodres.2019.01.012

Animal fat; Hydroxypropyl methylcellulose; Meat patty; Oleogel; Saturated fat

No. 79

Hawkins, Emma L.; Hawkins, Roxanne D.; Dennis, Martin; Williams, Joanne M.; Lawrie, Stephen M.

Animal-assisted therapy for schizophrenia and related disorders: A systematic review

Journal of Psychiatric Research v. 115, 2019: p. 51-60
10.1016/j.jpsychires.2019.05.013

AAT; Animal-assisted intervention; Negative symptoms; Randomised controlled trial; Self-view

No. 80

Auger, Béatrice; Amiot, Catherine E.

The impact of imagined contact in the realm of human-animal relations: Investigating a superordinate generalization effect involving both valued and devalued animals

Journal of Experimental Social Psychology v. 85, 2019: p. 103872
10.1016/j.jesp.2019.103872

Attitudes; Human-animal relations; Imagined contact; Social dominance orientation; Speciesism; Superordinate generalization

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Molosse, Vitor; Souza, Carine F.; Baldissera, Matheus D.; Glombowsky, Patrícia; Campigotto, Gabriela; Cazaratto, Chrystian J.; Stefani, Lenita M.; da Silva, Aleksandro Schafer

Diet supplemented with curcumin for nursing lambs improves animal growth, energetic metabolism, and performance of the antioxidant and immune systems

Small Ruminant Research v. 170 , 2019 : p. 74-81
10.1016/j.smallrumres.2018.11.014

Curcumin; Additive; Animal production; Lambs; Toltrazuril

No. 83

Chabuz, Witold; Kulik, Mariusz; Sawicka-Zugaj, Wioletta; Żółkiewski, Paweł; Warda, Marianna; Pluta, Michał; Lipiec, Antoni; Bochniak, Andrzej; Zdulski, Jan

Impact of the type of use of permanent grasslands areas in mountainous regions on the floristic diversity of habitats and animal welfare

Global Ecology and Conservation v. 19, 2019: p. e00629
10.1016/j.gecco.2019.e00629

Grazing; Local breeds; Mowing; Vegetation changes

No. 85

Dal-Pont, Gustavo C.; Jório, Marco T.S.; Resende, Wilson R.; Gava, Fernanda F.; Aguiar-Geraldo, Jorge M.; Possamai-Della, Taise; Peper-Nascimento, Jefte; Quevedo, João; Valvassori, Samira S.

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Journal of Psychiatric Research v. 119, 2019: p. 76-83
10.1016/j.jpsychires.2019.09.003

Bipolar disorder; Lithium; Depression; Neurotrophic factors; Paradoxical sleep deprivation; Valproate

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Yuan, Lunzhi; Chen, Yao; Liu, Xuan; Zhang, Yali; Zhou, Ming; Wu, Kun; Yuan, Quan; Cheng, Tong; Xia, Ningshao

Liver chimeric mice with tupaia hepatocyte transplantation as an animal model for hepatitis B virus infection and antiviral therapy

Biosafety and Health v. 1, 2019: p. 76-83
10.1016/j.bsheal.2019.09.002

Antiviral therapy; Hepatitis B; Infectious animal model; Liver chimeric mice; Tupaia

No. 82

Favorskaya, Margarita; Pakhirka, Andrey

Animal species recognition in the wildlife based on muzzle and shape features using joint CNN

Procedia Computer Science v. 159, 2019: p. 933-942
10.1016/j.procs.2019.09.260

Animal recognition; deep learning; muzzle features; shape features

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Dong, Shujun; Li, Xiaomin; Su, Xiaou; Wang, Peilong

Concentrations and congener group profiles of short- and medium-chain chlorinated paraffins in animal feed materials

Science of The Total Environment v. 647, 2019: p. 676-681
10.1016/j.scitotenv.2018.08.017

Animal feed; Chlorinated paraffins; Fish meal; MCCPs; SCCPs

No. 86

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Cryptosporidium spp., Enterocytozoon bienersi, and Giardia duodenalis from animal sources in the Qinghai-Tibetan Plateau Area (QTPA) in China

Comparative Immunology, Microbiology and Infectious Diseases v. 67, 2019: p. 101346
10.1016/j.cimid.2019.101346

Prevalence; Domestic animals; Genetic diversity; Intestinal pathogens; QTPA

No. 88

Veening-Griffioen, Désirée H.; Ferreira, Guilherme S.; van Meer, Peter J.K.; Boon, Wouter P.C.; Gispen-de Wied, Christine C.; Moors, Ellen H.M.; Schellekens, Huub

Are some animal models more equal than others? A case study on the translational value of animal models of efficacy for Alzheimer's disease

European Journal of Pharmacology v. 859, 2019: p. 172524
10.1016/j.ejphar.2019.172524

Alzheimer's disease; Animal model; Drug development; Efficacy model; External validity; Translational research

No. 89

Abbate, Jessica Maria; Arfuso, Francesca; Napoli, Ettore; Gaglio, Gabriella; Giannetto, Salvatore; Latrofa, Maria Stefania; Otranto, Domenico; Brianti, Emanuele

Leishmania infantum in wild animals in endemic areas of southern Italy

Comparative Immunology, Microbiology and Infectious Diseases v. 67 , 2019 : p. 101374

10.1016/j.cimid.2019.101374

Serology; Leporidae; qPCR; Red fox; Sicily

No. 90

Peyre, Marisa; Hoinville, Linda; Njoroge, James; Cameron, Angus; Traon, Daniel; Goutard, Flavie; Calba, Clémentine; Grosbois, Vladimir; Delabougli, Alexis; Varant, Viktor; Drewe, Julian; Pfeiffer, Dirk; Häslar, Barbara

The RISKSUR EVA tool (Survtool): A tool for the integrated evaluation of animal health surveillance systems

Preventive Veterinary Medicine v. 173, 2019: p. 104777

10.1016/j.prevetmed.2019.104777

Evaluation; Disease; Animal health; Animal health economics; Assessment; Decision tool; Surveillance

No. 91

Maurella, Cristiana; Mastrantonio, Gianluca; Bertolini, Silvia; Crescio, Maria Ines; Ingravalle, Francesco; Adkin, Amie; Simons, Robin; De Nardi, Marco; Estrada-Peña, Augustin; Horigan, Verity; Ru, Giuseppe

Social network analysis and risk assessment: An example of introducing an exotic animal disease in Italy

Microbial Risk Analysis v. 13, 2019: p.

10.1016/j.mran.2019.04.001

Blue Tongue; Exotic disease; Exposure assessment; Maps of risk; Social Network Analysis; Spatial distribution

No. 92

AbuOdeh, Raed; Ezzedine, Sinda; Madkour, Mohamed; Stensvold, Christen Rune; Samie, Amidou; Nasrallah, Gheyath; AlAbsi, Enas; ElBakri, Ali

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Protist v. 170, 2019: p. 125679

10.1016/j.protis.2019.125679

animals; sequencing; subtypes; United Arab Emirates.

No. 93

Cheng, Jiali; Zhang, Xianhui; Ma, Yan; Zhao, Jia; Tang, Zhenwu

Concentrations and distributions of polycyclic aromatic hydrocarbon in vegetables and animal-based foods before and after grilling: Implication for human exposure

Science of The Total Environment v. 690, 2019: p. 965-972

10.1016/j.scitotenv.2019.07.074

Animal-based foods; Grilling; Polycyclic aromatic hydrocarbons (PAHs); Risks; Vegetables

No. 94

García-Sancho, Miguel; Myelnikov, Dmitriy

Between mice and sheep: Biotechnology, agricultural science and animal models in late-twentieth century Edinburgh

Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences v. 75, 2019: p. 24-33

10.1016/j.shpsc.2019.01.002

Genetic; Animal model; Agricultural biotechnology; Dolly; Embryology; Neoliberalism

No. 95

Ang, Chin-Siang; Chan, Nee-Nee; Singh, Lavanya

A comparison study of meat eaters and non-meat eaters on mind attribution and moral disengagement of animals

Appetite v. 136, 2019: p. 80-85

10.1016/j.appet.2019.01.019

Animals that humans consume; Mind attribution; Moral disengagement; Pet animals

No. 96

Gao, Zihang; Shi, Qing; Fukuda, Toshio; Li, Chang; Huang, Qiang

An overview of biomimetic robots with animal behaviors

Neurocomputing v. 332, 2019: p. 339-350

10.1016/j.neucom.2018.12.071

Cognition; Biological neural network; Biomimetic robots; Locomotion; Robot-animal interaction

No. 97

Jirkof, Paulin; Schmutz, Jan B.

Social and organizational factors affecting biosafety compliance in animal facilities: An integrative analysis of safety rules within the system

Safety Science v. 118 , 2019 : p. 538-550

10.1016/j.ssci.2019.05.053

Animal facilities; Biosafety; Hierarchical task analysis; Rule compliance; Safety rules; SOPs

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Claffey, A.; Delaby, L.; Lewis, E.; Boland, T.M.; Kennedy, E.

Pasture allowance, duration, and stage of lactation—Effects on early and total lactation animal performance

Journal of Dairy Science v. 102, 2019: p. 8986-8998

10.3168/jds.2018-15784

dairy cow; early lactation stage; pasture allowance

No. 101

Louton, Helen; Keppler, Christiane; Erhard, Michael; van Tuijl, Otto; Bachmeier, Josef; Damme, Klaus; Reese, Sven; Rauch, Elke

Animal-based welfare indicators of 4 slow-growing broiler genotypes for the approval in an animal welfare label program

Poultry Science v. 98, 2019: p. 2326-2337

10.3382/ps/pez023

welfare indicator; broiler genotype; gait score; slow growth

No. 103

Hunter, Caitlin; Verreynne, Martie-Louise; Pachana, Nancy; Harpur, Paul

The impact of disability-assistance animals on the psychological health of workplaces: A systematic review

Human Resource Management Review v. 29, 2019: p. 400-417

10.1016/j.hrmr.2018.07.007

Disability-assistance animal; Systematic literature review; Workplace diversity

No. 98

Wang, Mingxia; Xu, Zhiqiang; Liu, Wenming; Li, Minjie; Wang, Haiwei; Yang, Decheng; Ma, Wenge; Zhou, Guohui; Yu, Li

Identification of a conserved linear epitope using monoclonal antibody against non-structural protein 3A of foot-and-mouth disease virus with potential for differentiation between infected and vaccinated animals

Research in Veterinary Science v. 124, 2019: p. 178-185

10.1016/j.rvsc.2019.03.015

Epitope mapping; Foot-and-mouth disease virus; Monoclonal antibody; Non-structural protein 3A

No. 100

Gkouletsos, T.; Patas, K.; Lambrinidis, G.; Neubauer, H.; Sprague, L.D.; Ioannidis, A.; Chatzipanagiotou, S.

Antimicrobial resistance of Yersinia enterocolitica and presence of plasmid pYV virulence genes in human and animal isolates

New Microbes and New Infections v. 32, 2019: p. 100604

10.1016/j.nmni.2019.100604

Antimicrobial resistance; pYV plasmid

No. 102

Ravbar, Primož; Branson, Kristin; Simpson, Julie H.

An automatic behavior recognition system classifies animal behaviors using movements and their temporal context

Journal of Neuroscience Methods v. 326, 2019: p. 108352

10.1016/j.jneumeth.2019.108352

Behavior; Grooming; Machine learning; Neuroethology

No. 104

Sadeghi, Somaye; Mosaffa, Nariman; Hashemi, Seyed Mahmoud; Mehdi Naghizadeh, Mohammad; Ghazanfari, Tooba

The immunomodulatory effects of mesenchymal stem cells on long term pulmonary complications in an animal model exposed to a sulfur mustard analog

International Immunopharmacology v. , 2019: p. 105879

10.1016/j.intimp.2019.105879

Alveolar macrophage; Conditioned medium; Immunomodulatory; Mesenchymal stem cell; Sulfur mustard

No. 105

Zoladz, Phillip R.; D'Alessio, Paul A.; Seeley, Sarah L.; Kasler, Charis D.; Goodman, Cassandra S.; Mucher, Kasey E.; Allison, Alanis S.; Smith, Ian F.; Dodson, Jordan L.; Stoops, Thorne S.; Rorabaugh, Boyd R.

A predator-based psychosocial stress animal model of PTSD in females: Influence of estrous phase and ovarian hormones

Hormones and Behavior v. 115 , 2019 : p. 104564

10.1016/j.yhbeh.2019.104564

Animal model; Estrous; Ovariectomy; PTSD; Sex differences; Stress

No. 106

Thomas, Derin M.; Fisher, Nicholas S.

Evaluation of body size and temperature on ¹³⁷Cs uptake in marine animals

Journal of Environmental Radioactivity v. 202, 2019: p. 25-31

10.1016/j.jenvrad.2019.02.005

Bioaccumulation; Cesium; Bioconcentration factor; Depuration; Marine prey species; Radiocesium

No. 107

Croyle, S.L.; Belage, E.; Khosa, D.K.; LeBlanc, S.J.; Haley, D.B.; Kelton, D.F.

Dairy farmers' expectations and receptivity regarding animal welfare advice: A focus group study

Journal of Dairy Science v. 102, 2019: p. 7385-7397

10.3168/jds.2018-15821

barn blindness; communication; herd health; vet-client relationship

No. 108

Chai, Beibei; Jiang, Weijia; Hu, Mei; Wu, Yongji; Si, Hongbin

In vitro synergistic interactions of Protocatechuic acid and Chlorogenic acid in combination with antibiotics against animal pathogens

Synergy v. 9, 2019: p. 100055

10.1016/j.synres.2019.100055

Antibiotics; Fractional inhibitory concentration index (FICI); Synergy

No. 109

Zhang, Jin-Na; Yang, Lei; Zhang, Min; Liu, You-Sheng; Zhao, Jian-Liang; He, Liang-Ying; Zhang, Qian-Qian; Ying, Guang-Guo

Persistence of androgens, progestogens, and glucocorticoids during commercial animal manure composting process

Science of The Total Environment v. 665, 2019: p. 91-99

10.1016/j.scitotenv.2019.02.120

Animal manure; Composting; Dissipation; Health risk; Soil; Steroid hormones

No. 110

Dal-Pont, Gustavo C.; Resende, Wilson R.; Bianchini, Guilherme; Gava, Fernanda F.; Peterle, Bruna R.; Trajano, Kerolen S.; Varela, Roger B.; Quevedo, João; Valvassori, Samira S.

Tamoxifen has an anti-manic effect but not protect the brain against oxidative stress in an animal model of mania induced by ouabain

Journal of Psychiatric Research v. 113, 2019: p. 181-189

10.1016/j.jpsychires.2019.03.020

Oxidative stress; Bipolar disorder; Lithium; Mania; Ouabain; Tamoxifen

No. 111

Shabani, Sahreh; Farbood, Yaghoob; Sarkaki, Alireza; Mard, Seyyed Ali; Ahangarpour, Akram; Khorsandi, Layasadat

The effect of triiodothyronine on the hippocampal long-term potentiation in an animal model of the Alzheimer's disease: The role of BDNF and reelin

Neurology, Psychiatry and Brain Research v. 33, 2019: p. 82-88

10.1016/j.npbr.2019.07.004

Alzheimer's disease; Brain-derived neurotrophic factor; Ibotenic acid; Reelin; Triiodothyronine

No. 112

Jiang, Zhiwen; Liu, Guijuan; Yang, Yan; Shao, Kai; Wang, Yanting; Liu, Wanshun; Han, Baoqin

N-Acetyl chitooligosaccharides attenuate amyloid β -induced damage in animal and cell models of Alzheimer's disease

Process Biochemistry v. 84, 2019: p. 161-171

10.1016/j.procbio.2019.06.014

Alzheimer's disease; Amyloid beta; N-Acetyl chitooligosaccharides

No. 113

Chen, Xingcai; Gao, Min; Li, Yanxia; Zhang, Xuelian; Zhang, Fengsong; Hu, Baiyang

Effects of freeze-thaw cycles on the physicochemical characteristics of animal manure and its phosphorus forms

Waste Management v. 88 , 2019 : p. 160-169

10.1016/j.wasman.2019.03.039

Freeze-thaw cycles; Moisture content; Particle size; Phosphorus forms; Pig manure

No. 115

dela Peña, Irene Joy I.; Botanas, Chrislean Jun; de la Peña, June Bryan; Custodio, Raly James; dela Peña, Ike; Ryoo, Zae Young; Kim, Bung-Nyun; Ryu, Jong Hoon; Kim, Hee Jin; Cheong, Jae Hoon

The Atxn7-overexpressing mice showed hyperactivity and impulsivity which were ameliorated by atomoxetine treatment: A possible animal model of the hyperactive-impulsive phenotype of ADHD

Progress in Neuro-Psychopharmacology and Biological Psychiatry v. 88, 2019: p. 311-319

10.1016/j.pnpbp.2018.08.012

Animal model; ADHD; Atxn7; Hyperactivity; Impulsivity

No. 117

Hennessy, David A.; Zhang, Jing; Bai, Na

Animal health inputs, endogenous risk, general infrastructure, technology adoption and industrialized animal agriculture

Food Policy v. 83, 2019: p. 355-362

10.1016/j.foodpol.2017.08.022

Animal health; Concentrated animal feeding operations; Endogenous risk; Genetic inputs; Industrialized agriculture; Technology packages

No. 119

Surayah Osman, Nor; Ayuna Mohd Khamil, Izume; Sapawe, Norzahir

Customer Satisfaction Survey on Sunflower Shell Waste Animal Feed Pellet

Materials Today: Proceedings v. 19, 2019: p. 1803-1809

10.1016/j.matpr.2019.11.219

ANOVA analysis; Customer satisfaction survey; sunflower shell waste-based animal feed pellet; value for money

No. 114

Taghadosi, Roholla; Shakibaie, Mohammad Reza; Hosseini -Nave, Hossein

Antibiotic resistance, ESBL genes, integrons, phylogenetic groups and MLVA profiles of Escherichia coli pathotypes isolated from patients with diarrhea and farm animals in south-east of Iran

Comparative Immunology, Microbiology and Infectious Diseases v. 63, 2019: p. 117-126

10.1016/j.cimid.2019.01.004

Antibiotic resistance; Extended-spectrum β -lactamases; MLVA; Phylogenetic group

No. 116

Blanco-Penedo, Isabel; Sjöström, Karin; Jones, Philip; Krieger, Margret; Duval, Julie; van Soest, Felix; Sundrum, Albert; Emanuelson, Ulf

Structural characteristics of organic dairy farms in four European countries and their association with the implementation of animal health plans

Agricultural Systems v. 173, 2019: p. 244-253

10.1016/j.agsy.2019.03.008

Animal health, farm typologies; Cluster analysis; Multiple correspondence analysis; Organic dairy system; Tailored advisory services

No. 118

Totti, Stella; Ng, Keng Wooi; Dale, Lorraine; Lian, Guoping; Chen, Tao; Velliou, Eirini G.

A novel versatile animal-free 3D tool for rapid low-cost assessment of immunodiagnostic microneedles

Sensors and Actuators B: Chemical v. 296, 2019: p. 126652

10.1016/j.snb.2019.126652

Biomarker detection; Diagnostic device; Melanoma; Microneedles; S100B; Three-dimensional model

No. 120

Hajduga, Maciej B.; Bobinski, Rafal

TiN, ZrN and DLC nanocoatings - a comparison of the effects on animals, in-vivo study

Materials Science and Engineering: C v. 104, 2019: p. 109949

10.1016/j.msec.2019.109949

DLC coatings; Nanocoatings; PVD; Tin; ZrN

No. 121

Lascelles, B.D.X.; Brown, D.C.; Conzemius, M.G.; Gill, M.; Oshinsky, M.L.; Sharkey, M.

Measurement of chronic pain in companion animals: Discussions from the Pain in Animals Workshop (PAW) 2017

The Veterinary Journal v. 250 , 2019 : p. 71-78
10.1016/j.tvjl.2019.07.001

Cat; Chronic; Dog; Measurement; Pain

No. 123

Kyme, Andre Z.; Angelis, Georgios I.; Eisenhuth, John; Fulton, Roger R.; Zhou, Victor; Hart, Geneva; Popovic, Kata; Akhtar, Mahmood; Ryder, William J.; Clemens, Kelly J.; Balleine, Bernard W.; Parmar, Arvind; Pascali, Giancarlo; Perkins, Gary; Meikle, St

Open-field PET: Simultaneous brain functional imaging and behavioural response measurements in freely moving small animals

NeuroImage v. 188, 2019: p. 92-101
10.1016/j.neuroimage.2018.11.051

Behaviour; Awake animal PET; Dopamine D2 receptors; Drug challenge; Kinetic modelling; Motion correction

No. 125

Catal, Cagatay; Tekinerdogan, Bedir

Aligning Education for the Life Sciences Domain to Support Digitalization and Industry 4.0

Procedia Computer Science v. 158, 2019: p. 99-106
10.1016/j.procs.2019.09.032

Education; data analytics; Industry 4.0; Internet of Things (IoT); machine learning

No. 127

Wanser, Shelby H.; Udell, Monique A.R.

Does attachment security to a human handler influence the behavior of dogs who engage in animal assisted activities?

Applied Animal Behaviour Science v. 210, 2019: p. 88-94
10.1016/j.applanim.2018.09.005

Dogs; Animal assisted activities; Attachment; Gaze; Secure base effect

No. 122

Wright, Elizabeth; Waterman, Anna J.; Peate, David W.; Kunst, Michael; Cardoso, João Luis; Detry, Cleia

Animal mobility in Chalcolithic Portugal: Isotopic analyses of cattle from the sites of Zambujal and Leceia

Journal of Archaeological Science: Reports v. 24, 2019: p. 804-814
10.1016/j.jasrep.2019.02.005

Fauna; Copper Age; Iberia; Leceia; Mobility; Strontium isotopes; Zambujal

No. 124

Woo, Hye Won; Lim, Young-Hyo; Kim, Mi Kyung; Shin, Jinho; Lee, Young-Hoon; Shin, Dong Hoon; Shin, Min-Ho; Choi, Bo Youl

Prospective associations between total, animal, and vegetable calcium intake and metabolic syndrome in adults aged 40 years and older

Clinical Nutrition v. , 2019: p.
10.1016/j.clnu.2019.10.020

Calcium; Korea; Metabolic syndrome; Prospective

No. 126

Ye, Huaqun; Zhou, Yuanyuan; Su, Ningning; Wang, Anli; Tan, Xiaohong; Sun, Zhenzhu; Zou, Cuiyun; Liu, Qingying; Ye, Chaoxia

Effects of replacing fish meal with rendered animal protein blend on growth performance, hepatic steatosis and immune status in hybrid grouper (*Epinephelus fuscoguttatus* ♀ × *Epinephelus lanceolatus* ♂)

Aquaculture v. 511, 2019: p. 734203
10.1016/j.aquaculture.2019.734203

Fish meal; Hepatic steatosis; Hybrid grouper; Immune status; Render animal protein blend

No. 128

Faatehi, Mahdihyeh; Basiri, Mohsen; Nezhadi, Akram; Shabani, Mohammad; Masoumi-Ardakani, Yaser; Soltani, Zahra; Nozari, Masoumeh

Early enriched environment prevents cognitive impairment in an animal model of schizophrenia induced by MK-801: Role of hippocampal BDNF

Brain Research v. 1711, 2019: p. 115-119
10.1016/j.brainres.2019.01.023

Brain-derived neurotrophic factor; Enriched environment; MK-801; Novel object recognition; Schizophrenia

No. 129

Mourad, Roya; Jaafar, Hadi H.; Dagher, Nuhad

New estimates of water footprint for animal products in fifteen countries of the Middle East and North Africa (2010–2016)

Water Resources and Industry v. 22, 2019 : p. 100113

10.1016/j.wri.2019.100113

Poultry; Dairy; Beef; Blue water; Green water; Sheep and goats

No. 130

Swart, Ingeborg; Beumer, Mieke; Klein, Wouter; van Andel, Tinde

Bodies of the plant and Animal Kingdom: An illustrated manuscript on materia medica in the Netherlands (ca. 1800)

Journal of Ethnopharmacology v. 237, 2019: p. 236-244

10.1016/j.jep.2019.03.051

Amsterdam; Animal products; Drug trade; Historical manuscripts; Medicinal plants

No. 131

Uyeh, Daniel Dooyum; Pamulapati, Trinadh; Mallipeddi, Rammohan; Park, Tusan; Asem-Hiablie, Senorpe; Woo, Seungmin; Kim, Junhee; Kim, Yeongsu; Ha, Yushin

Precision animal feed formulation: An evolutionary multi-objective approach

Animal Feed Science and Technology v. 256, 2019: p. 114211

10.1016/j.anifeedsci.2019.114211

Animal feed formulation; Decision-making process; Evolutionary algorithm; Multi-objective optimization; Pareto front

No. 132

Sochilina, Anastasia V.; Budylin, Nikita Y.; Gamisonia, Alina M.; Chalykh, Anatoly E.; Zubov, Vitaly P.; Vikhrov, Alexander A.

Multichannel hydrogel based on a chitosan–poly(vinyl alcohol) composition for directed growth of animal cells

Colloids and Surfaces B: Biointerfaces v. 184, 2019: p. 110495

10.1016/j.colsurfb.2019.110495

Chitosan; Directed growth of animal cells; Multichannel hydrogel; Oriented channel system; Poly(vinyl alcohol)

No. 133

Surayah Osman, Nor; Sapawe, Norzahir

Petz Munchez – Sunflower Shell Waste-Based Animal Feed Pellet

Materials Today: Proceedings v. 19, 2019: p. 1771-1776

10.1016/j.matpr.2019.11.215

No. 134

Czycholl, Irena; Klingbeil, Philipp; Krieter, Joachim

Interobserver Reliability of the Animal Welfare Indicators Welfare Assessment Protocol for Horses

Journal of Equine Veterinary Science v. 75, 2019: p. 112-121

10.1016/j.jevs.2019.02.005

Reliability; Animal welfare; Animal-based; AWIN; Horses; Observer

No. 135

Karlsson, Johan O.; Röös, Elin

Resource-efficient use of land and animals—Environmental impacts of food systems based on organic cropping and avoided food-feed competition

Land Use Policy v. 85, 2019: p. 63-72

10.1016/j.landusepol.2019.03.035

Bioenergy; Crop rotation; Default livestock; Food system; Organic agriculture

No. 136

Schultz, Amy A.; Peppard, Paul; Gangnon, Ron E.; Malecki, Kristen M.C.

Residential proximity to concentrated animal feeding operations and allergic and respiratory disease

Environment International v. 130, 2019: p. 104911

10.1016/j.envint.2019.104911

Air pollution; Allergies; Asthma; Concentrated animal feeding operation; Lung function

No. 137

Sadeddine, Rima; Diarra, Adama Zan; Laroche, Maureen; Mediannikov, Oleg; Righi, Souad; Benakhla, Ahmed; Dahmana, Handi; Raoult, Didier; Parola, Philippe

Molecular identification of protozoal and bacterial organisms in domestic animals and their infesting ticks from north-eastern Algeria

Ticks and Tick-borne Diseases v. , 2019 : p. 101330

10.1016/j.ttbdis.2019.101330

Algeria; Piroplamorida; Ticks

No. 139

Mohammadi Vosough, Elahe; Baradaran Rahimi, Vafa; Masoud, Seyyed Ali; Mirkarimi, Hamid Reza; Demneh, Maryam Kazemi; Abed, Alireza; Banafshe, Hamid Reza; Askari, Vahid Reza

Evaluation of protective effects of non-selective cannabinoid receptor agonist WIN 55,212-2 against the nitroglycerine-induced acute and chronic animal models of migraine: A mechanistic study

Life Sciences v. 232, 2019: p. 116670

10.1016/j.lfs.2019.116670

Cannabinoid; Hyperalgesia; Migraine; Nitroglycerin; WIN 55,212-2

No. 141

Saxena, Pratiksha; Parasher, Yaman

Application of Artificial Neural Network (ANN) for Animal Diet Formulation Modeling

Procedia Computer Science v. 152, 2019: p. 261-266

10.1016/j.procs.2019.05.018

artificialneuralnetwork; Mathematicalmodeling; R

No. 143

Tanichi, Masaaki; Shimizu, Kunio; Enomoto, Shingo; Koga, Minori; Toda, Hiroyuki; Nagamine, Masanori; Suzuki, Eiji; Nibuya, Masashi

The effects of eicosapentaenoic acid dietary supplementation on behavioral parameters and expression of hippocampal brain-derived neurotrophic factor in an animal model of post-traumatic stress disorder

European Journal of Pharmacology v. 865, 2019: p. 172751

10.1016/j.ejphar.2019.172751

Animal model; Brain-derived neurotrophic factor; Eicosapentaenoic acid; Numbing/avoidance behaviors; Post-traumatic stress disorder

No. 138

Mamoulakis, Charalampos; Fragkiadoulaki, Irene; Karkala, Phaedra; Georgiadis, Georgios; Zisis, Ioannis-Erineos; Stivaktakis, Polychronis; Kalogeraki, Alexandra; Tsiaoussis, Ioannis; Burykina, Tatyana; Lazopoulos, George; Tsarouhas, Konstantinos; Kouretas,

Contrast-induced nephropathy in an animal model: Evaluation of novel biomarkers in blood and tissue samples

Toxicology Reports v. 6, 2019: p. 395-400

10.1016/j.toxrep.2019.04.007

Animal; Models; Asymmetric dimethylarginine; Contrast media; Iopromide; Kidney; Nephropathy; Nephrotoxicity; Symmetric dimethylarginine

No. 140

Liu, Qiong; Zhang, Meng; Chen, Lansun

State feedback impulsive therapy to SIS model of animal infectious diseases

Physica A: Statistical Mechanics and its Applications v. 516, 2019: p. 222-232

10.1016/j.physa.2018.09.161

Impulsive dynamic system; Limited cycle; State feedback; Zoonosis

No. 142

Liang, Yu-Chuan; Lin, Chuan-Ju; Yang, Cheng-Ying; Chen, Yung-Hsiang; Yang, Meng-Ting; Chou, Fu-Shiuan; Yang, Wen-Chin; Chang, Cicero Lee-Tian

Toxicity study of Bidens pilosa in animals

Journal of Traditional and Complementary Medicine v. , 2019: p.

10.1016/j.jtcme.2019.04.002

Mice; Mortality; Adverse effect; Asteraceae; Chronic toxicity

No. 144

Massari, R.; D'Elia, A.; Soluri, A.

Preliminary results on a small animal SPECT system based on H13700 PSMPT coupled with CRY018 array

Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment v. 940, 2019: p. 296-301

10.1016/j.nima.2019.06.013

Monte Carlo; GATE; Position sensitive photomultiplier tube; Scintigraphic small animal imaging; SPECT

No. 145

Volli, Vikranth; Purkait, Mihir Kumar; Shu, Chi-Min

Preparation and characterization of animal bone powder impregnated fly ash catalyst for transesterification

Science of The Total Environment v. 669 , 2019 : p. 314-321

10.1016/j.scitotenv.2019.03.080

Biodiesel; Calcined animal bone powder; Fly ash; Heterogeneous solid base catalyst; Transesterification

No. 146

Koo, Taewoan; Yulisa, Arma; Hwang, Seokhwan

Microbial community structure in full scale anaerobic mono-and co-digesters treating food waste and animal waste

Bioresource Technology v. 282, 2019: p. 439-446

10.1016/j.biortech.2019.03.050

Bacteria; Anaerobic digestion; Core microorganisms; Methanogen

No. 147

Modrow, Jan-Hendrik; Schwark, Thorsten; Nuss, Niklas; Meyer, Nele; Hempel, Jamie; von Wurmb-Schwark, Nicole

Interval of detectability of predator DNA after livestock (and wild animal) predation

Forensic Science International: Genetics Supplement Series v. 7, 2019: p. 191-193

10.1016/j.fsigss.2019.09.128

DNA analysis; Livestock; Predation; Wolf

No. 148

Kumar, Anuj; Rana, Akhilesh Kumar; Singh, Amit; Singh, Alok

Bioactivity of methanolic extract of Brassica juncea in animal model of diabetes mellitus

Chinese Herbal Medicines v. 11, 2019: p. 434-437

10.1016/j.chmed.2019.04.007

(L.) Czern. et Coss; anti-hyperglycemic; anti-oxidant

No. 149

Pimentel, E.C.G.; Edel, C.; Emmerling, R.; Götz, K.-U.

Technical note: Methods for interim prediction of single-step breeding values for young animals

Journal of Dairy Science v. 102, 2019: p. 3266-3273

10.3168/jds.2018-15592

genotype; genomic breeding value; indirect prediction; SNP effect

No. 150

Matsuda, Yusaku; Nonaka, Yosuke; Futakawa, Satoshi; Imai, Hirotaka; Akita, Kazumasa; Nishihata, Toshiaki; Fujiwara, Masatoshi; Ali, Yusuf; Bhisitkul, Robert B.; Nakamura, Yoshikazu

Anti-Angiogenic and Anti-Scarring Dual Action of an Anti-Fibroblast Growth Factor 2 Aptamer in Animal Models of Retinal Disease

Molecular Therapy - Nucleic Acids v. 17, 2019: p. 819-828

10.1016/j.omtn.2019.07.018

AMD; angiogenesis; aptamer; FGF2; fibrosis; VEGF inhibitors

No. 151

Ouoba, Jean Bienvenue; Traore, Kuan Abdoulaye; Rouamba, Hortense; Setondji, Komi Victor-Mari; Minoungou, Germaine L.; Ouoba, Bruno Laldia; Ouedraogo, Anne; Moctar, Sidi; M'Bengue, Alphonsine Kouassi; Kakou, Solange Ngazoa; Doumbia, Moussa; Traore, Alfred

Prevalence of anti-hepatitis E virus antibodies in domestic animal from three representative provinces of Burkina Faso

Veterinary and Animal Science v. 7, 2019: p. 100059

10.1016/j.vas.2019.100059

Seroprevalence; Zoonosis; Burkina Faso; Hepatitis E virus; Lagomorphs; Ungulata

No. 152

Bayat, Samaneh; Amiri, Nafise; Pishavar, Elham; Kalalinia, Fatemeh; Movaffagh, Jebrail; Hashemi, Maryam

Bromelain-loaded chitosan nanofibers prepared by electrospinning method for burn wound healing in animal models

Life Sciences v. 229, 2019: p. 57-66

10.1016/j.lfs.2019.05.028

Chitosan; Bromelain; Burn wound healing; Electrospinning; Nanofiber

No. 153

Azémar, Clara; Zazzo, Antoine; Marie, Arul; Lepetz, Sébastien; Debaine-Francfort, Corinne; Idriss, Abduressul; Zirah, Séverine

Animal fibre use in the Keriya valley (Xinjiang, China) during the Bronze and Iron Ages: A proteomic approach

Journal of Archaeological Science v. 110, 2019 : p. 104996
10.1016/j.jas.2019.104996

Animal fibres; Bronze age; Iron age; Keratin; Proteomics; Textiles; Xinjiang

No. 155

Paniagua, Montserrat; Crespo, Javier; Arís, Anna; Devant, Maria

Citrus aurantium flavonoid extract improves concentrate efficiency, animal behavior, and reduces rumen inflammation of Holstein bulls fed high-concentrate diets

Animal Feed Science and Technology v. 258, 2019: p. 114304
10.1016/j.anifeedsci.2019.114304

Performance; Behavior; Bulls; Bitter taste receptors; Flavonoids; Rumen inflammation

No. 157

Baiocchi, María Celeste; Waxman, Sandra; Pérez, Élica María; Pérez, Aurelia; Taverna, Andrea

Social-ecological relations among animals serve as a conceptual framework among the Wichi

Cognitive Development v. 52, 2019: p. 100807
10.1016/j.cogdev.2019.100807

Categorization; Folkeology; Social relations; Taxonomic relations; Wichi

No. 159

Esmaili, Saber; Mohabati Mobarez, Ashraf; Khalili, Mohammad; Mostafavi, Ehsan

High prevalence and risk factors of *Coxiella burnetii* in milk of dairy animals with a history of abortion in Iran

Comparative Immunology, Microbiology and Infectious Diseases v. 63, 2019: p. 127-130
10.1016/j.cimid.2019.01.015

Milk; Abortion; Iran; Q fever; Shedding

No. 154

Kulik, Mariusz; Patkowski, Krzysztof; Warda, Marianna; Lipiec, Antoni; Bojar, Wiktor; Gruszecki, Tomasz M.

Assessment of biomass nutritive value in the context of animal welfare and conservation of selected Natura 2000 habitats (4030, 6120 and 6210) in eastern Poland

Global Ecology and Conservation v. 19, 2019: p. e00675
10.1016/j.gecco.2019.e00675

Sheep; Grazing; Biomass yield; Dry heaths; Xeric sand grasslands; Xerothermic grasslands

No. 156

Xiong, Jing; Zheng, Tian-jiao; Shi, Yan; Wei, Feng; Ma, Shuang-cheng; He, Lan; Wang, Si-cen; Liu, Xin-she

Analysis of the fingerprint profile of bioactive constituents of traditional Chinese medicinal materials derived from animal bile using the HPLC–ELSD and chemometric methods: An application of a reference scaleplate

Journal of Pharmaceutical and Biomedical Analysis v. 174, 2019: p. 50-56
10.1016/j.jpba.2019.05.035

Bile acid; Chemometrics; Fingerprint; High-performance liquid chromatography; Traditional Chinese medicine

No. 158

Huang, Yonghong; Zang, Huan; Cheng, Xiaodong; Wu, Hongsheng; Li, Jueyou

Data-driven soft sensor for animal cell suspension culture process based on DRVM

Applied Soft Computing v. 77, 2019: p. 34-40
10.1016/j.asoc.2018.09.043

Animal cell; Data-driven; DRVM; Soft sensor; Suspension culture

No. 160

Koh, Eun-Hee; Kaown, Dugin; Kim, Hyun Jung; Lee, Kang-Kun; Kim, Hyunkoo; Park, Sunhwa

Nationwide groundwater monitoring around infectious-disease-caused livestock mortality burials in Korea: Superimposed influence of animal leachate on pre-existing anthropogenic pollution

Environment International v. 129, 2019: p. 376-388
10.1016/j.envint.2019.04.073

Avian influenza; Carcasses burial; Foot-and-mouth-disease; Groundwater quality monitoring; Leachate

No. 161

Martín-Gómez, César; Zuazua-Ros, Amaia; Bermejo-Busto, Javier; Baquero, Enrique; Miranda, Rafael; Sanz, Cristina

Potential strategies offered by animals to implement in buildings' energy performance: Theory and practice

Frontiers of Architectural Research v. 8 , 2019 : p. 17-31
10.1016/j.foar.2018.12.002

Biomimicry; Building services; Energy systems; Multidisciplinary; Passive design

No. 162

Parkins, Kate; Scott, Amy; Di Stefano, Julian; Swan, Matthew; Sitters, Holly; York, Alan

Habitat use at fire edges: Does animal activity follow temporal patterns of habitat change?

Forest Ecology and Management v. 451, 2019: p. 117343
10.1016/j.foreco.2019.05.013

Biodiversity; Edge effects; Fire ecology; Fire management; Mammals

No. 163

Ponnaiah, Sathish Kumar; Prakash, Periakaruppan; Muthupandian, Saravanan

Ultrasonic energy-assisted in-situ synthesis of RuO/PANI/g-C3N4 nanocomposite: Application for picomolar-level electrochemical detection of endocrine disruptor (Bisphenol-A) in humans and animals

Ultrasonics Sonochemistry v. 58, 2019: p. 104629
10.1016/j.ultsonch.2019.104629

Bisphenol A; Nanocomposite; Ru/PANI/g-CN; Sonochemical synthesis; Urine samples; Voltammetry

No. 164

Borges, João Augusto Rossi; Domingues, Carla Heloisa de Faria; Caldara, Fabiana Ribeiro; Rosa, Nadir Paula da; Senger, Igor; Guidolin, Diego Gomes Freire

Identifying the factors impacting on farmers' intention to adopt animal friendly practices

Preventive Veterinary Medicine v. 170, 2019: p. 104718
10.1016/j.prevetmed.2019.104718

Environmental enrichment; MIMIC models; Partial least square; Pig production; Structural equation modeling

No. 165

Webber, Quinn M.R.; Vander Wal, Eric

Trends and perspectives on the use of animal social network analysis in behavioural ecology: a bibliometric approach

Animal Behaviour v. 149, 2019: p. 77-87
10.1016/j.anbehav.2019.01.010

association index; biologging; conservation behaviour; social network metric

No. 166

Rombach, M.; Südekum, K.-H.; Münger, A.; Schori, F.

Herbage dry matter intake estimation of grazing dairy cows based on animal, behavioral, environmental, and feed variables

Journal of Dairy Science v. 102, 2019: p. 2985-2999
10.3168/jds.2018-14834

dairy cow; herbage intake estimation; mastication; pasture; prehension

No. 167

Sirotkin, A.V.; Alexa, R.; Alwasel, S.; Harrath, A.H.

The phytoestrogen, diosgenin, directly stimulates ovarian cell functions in two farm animal species

Domestic Animal Endocrinology v. 69, 2019: p. 35-41
10.1016/j.domaniend.2019.04.002

Apoptosis; Diosgenin; Hormones; Ovary; Proliferation

No. 168

Kingsbury, Lyle; Huang, Shan; Wang, Jun; Gu, Ken; Golshani, Peyman; Wu, Ye Emily; Hong, Weizhe

Correlated Neural Activity and Encoding of Behavior across Brains of Socially Interacting Animals

Cell v. 178, 2019: p. 429-446.e16
10.1016/j.cell.2019.05.022

calcium imaging; hyperscanning; interbrain synchrony; miniscope; mouse; mPFC; neural circuit; prefrontal cortex; social behavior; social dominance

No. 169

Ahmed, Heba A.; Ishrat, Tauheed; Pillai, Bindu; Bunting, Kristopher M.; Vazdarjanova, Almira; Waller, Jennifer L.; Ergul, Adviye; Fagan, Susan C.

Angiotensin receptor (AT2R) agonist C21 prevents cognitive decline after permanent stroke in aged animals—A randomized double-blind pre-clinical study

Behavioural Brain Research v. 359, 2019 : p. 560-569

10.1016/j.bbr.2018.10.010

AT2 receptor; Compound 21; Permanent stroke; Post-stroke cognitive impairment; RAS modulation

No. 171

Stukalin, Yelena; Einat, Haim

Analyzing test batteries in animal models of psychopathology with multivariate analysis of variance (MANOVA): One possible approach to increase external validity

Pharmacology Biochemistry and Behavior v. 178, 2019: p. 51-55

10.1016/j.pbb.2017.11.003

Bipolar disorder; Depression; Affective disorders; Animal models; Reproducibility; Statistical analysis; Test batteries

No. 173

Zhao, Jun; Li, Guo-Biao; Selden, Paul A.

A poorly preserved fish-like animal from the Chengjiang Lagerstätte (Cambrian Series 2, Stage 3)

Palaeogeography, Palaeoclimatology, Palaeoecology v. 520, 2019: p. 163-172

10.1016/j.palaeo.2019.02.005

Event mudstone beds; Myllokunmingiid; Organic decay; Slow accumulation

No. 175

Zheng, Weijia; Yoo, Kyung-Hee; Abd El-Aty, A.M.; Park, Da-Hee; Choi, Jeong-Min; Kim, Seong-Kwan; Kang, Young-Sun; Zhang, Hongxia; Hacımuftuoğlu, Ahmet; Bekhit, Alaa El-Din; Wang, Jing; Shim, Jae-Han; Shin, Ho-Chul

Quantitative determination of carbasalate calcium derived metabolites, acetylsalicylic acid and salicylic acid, in six animal foods using liquid-liquid extraction method coupled with liquid chromatography-tandem mass spectrometry

Food Chemistry v. 278, 2019: p. 744-750

10.1016/j.foodchem.2018.11.118

Residue; Acetylsalicylic acid; Animal-derived foods; Carbasalate calcium; Liquid chromatography-tandem mass spectrometry; Salicylic acid

No. 170

Benaouda, Mohammed; Martin, Cécile; Li, Xinran; Kebreab, Ermias; Hristov, Alexander N.; Yu, Zhongtang; Yáñez-Ruiz, David R.; Reynolds, Christopher K.; Crompton, Les A.; Dijkstra, Jan; Bannink, André; Schwarm, Angela; Kreuzer, Michael; McGee, Mark; Lund, P

Evaluation of the performance of existing mathematical models predicting enteric methane emissions from ruminants: Animal categories and dietary mitigation strategies

Animal Feed Science and Technology v. 255, 2019: p. 114207

10.1016/j.anifeedsci.2019.114207

Ruminant; Dietary strategy; Methane emission; Model evaluation

No. 172

Yuan, Zengwei; Ji, Jiaying; Sheng, Hu; Jiang, Songyan; Chen, Tianming; Liu, Xuwei; Liu, Xin; Zhuang, Yujie; Zhang, Ling

Animal based diets and environment: Perspective from phosphorus flow quantifications of livestock and poultry raising in China

Journal of Environmental Management v. 244, 2019: p. 199-207

10.1016/j.jenvman.2019.04.028

Environmental management; Food security; Livestock and poultry; Phosphorus cycles; Sustainable consumption

No. 174

Mirshekar, Mohammad Ali; Shahraki, Mohammadreza; Najafi, Reza; Shabani, Sahreh

The ameliorative effects of myricetin on neurobehavioral activity, electrophysiology, and biochemical changes in an animal model of traumatic brain injury

Learning and Motivation v. 68, 2019: p. 101597

10.1016/j.lmot.2019.101597

Cognition; Long-term potentiation; Myricetin; Rats; Traumatic brain injury

No. 176

Leandro, Camila; Jay-Robert, Pierre

Perceptions and representations of animal diversity: Where did the insects go?

Biological Conservation v. 237, 2019: p. 400-408

10.1016/j.biocon.2019.07.031

Environmental education; Free-association; Insect conservation; Joint attention; Perception challenge

No. 177

Collett, Mark G.

Photosensitisation diseases of animals: Classification and a weight of evidence approach to primary causes

Toxicon: X v. 3 , 2019 : p. 100012

10.1016/j.toxcx.2019.100012

Anthraquinone; Chlorophyll derivatives; Classification according to weight of evidence; Classification of photosensitisation diseases; Furanocoumarin; Perylenequinone; Phototoxic plant; Primary phototoxicity

No. 179

Dickinson, George E.; Hoffmann, Heath C.

Animal hospice and palliative care: Veterinarians' experiences and preferred practices

Journal of Veterinary Behavior v. 32, 2019: p. 57-61

10.1016/j.jveb.2019.04.008

euthanasia; grief; palliative care; palliative sedation; QOL measures

No. 181

Jiřík, Radovan; Taxt, Torfinn; Macíček, Ondřej; Bartoš, Michal; Kratochvíla, Jiří; Souček, Karel; Dražanová, Eva; Krátká, Lucie; Hampl, Aleš; Starčuk, Zenon

Blind deconvolution estimation of an arterial input function for small animal DCE-MRI

Magnetic Resonance Imaging v. 62, 2019: p. 46-56

10.1016/j.mri.2019.05.024

Arterial input function; Blind deconvolution; DCE-MRI

No. 183

Acevedo-Giraldo, J.D.; Sánchez, J.A.; Romero, M.H.

Effects of feed withdrawal times prior to slaughter on some animal welfare indicators and meat quality traits in commercial pigs

Meat Science v. , 2019: p. 107993

10.1016/j.meatsci.2019.107993

Fasting; Killing-out; Lairage time; Meat quality; Pre-slaughter stress

No. 178

Ring, S.C.; Evans, R.D.; Doherty, M.L.; Berry, D.P.

Genetic parameters for animal mortality in pasture-based, seasonal-calving dairy and beef herds

Livestock Science v. 219, 2019: p. 10-16

10.1016/j.livsci.2018.11.003

Dairy; Beef; Cow mortality; Death; Genetics; Young animal mortality

No. 180

Cheng, Jie; Wang, Shi; Zhang, Su; Wang, Peilong; Xie, Jianchun; Han, Caiqin; Su, Xiao-Ou

Rapid and sensitive determination of clenbuterol residues in animal urine by surface-enhanced Raman spectroscopy

Sensors and Actuators B: Chemical v. 279, 2019: p. 7-14

10.1016/j.snb.2018.09.103

Animal urine; Clenbuterol; Determination; Liquid-liquid extraction; Surface-enhanced Raman spectroscopy

No. 182

Orton, E. Christopher

Epicardial pacemaker implantation in small animals

Journal of Veterinary Cardiology v. 22, 2019: p. 65-71

10.1016/j.jvc.2018.11.004

Cat; Dog; Cardiac pacing

No. 184

Simons, Robin R.L.; Horigan, Verity; Ip, Sophie; Taylor, Rachel A.; Crescio, Maria I.; Maurella, Cristiana; Mastrantonio, Gianluca; Bertolini, Silvia; Ru, Giuseppe; Cook, Charlotte; Adkin, Amie

A spatial risk assessment model framework for incursion of exotic animal disease into the European Union Member States

Microbial Risk Analysis v. 13, 2019: p.

10.1016/j.mran.2019.05.001

Exotic disease; European Union; Incursion; Release assessment; Spatial model

No. 185

Isah, Usman Mohammed

Studies on the prevalence of fascioliasis among ruminant animals in northern Bauchi state, north-eastern Nigeria

Parasite Epidemiology and Control v. 5 , 2019 : p. e00090

10.1016/j.parepi.2019.e00090

Infection; Prevalence; Fascioliasis; Ruminants

No. 187

Kuang, Zhonghua; Wang, Xiaohui; Fu, Xin; Ren, Ning; Yang, Qian; Zhao, Binqing; Zhang, Chunhui; Wu, San; Sang, Zirui; Hu, Zhanli; Du, Junwei; Liang, Dong; Liu, Xin; Zheng, Hairong; Yang, Yongfeng

Dual-ended readout small animal PET detector by using 0.5 mm pixelated LYSO crystal arrays and SiPMs

Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment v. 917, 2019: p. 1-8

10.1016/j.nima.2018.11.011

Depth of interaction; Dual-ended readout; High resolution; SiPM; Small animal PET

No. 189

Godinho, Valéria Martins; de Paula, Maria Theresa Rafaela; Silva, Débora Amorim Saraiva; Paresque, Karla; Martins, Aline Paternostro; Colepicolo, Pio; Rosa, Carlos Augusto; Rosa, Luiz Henrique

Diversity and distribution of hidden cultivable fungi associated with marine animals of Antarctica

Fungal Biology v. 123, 2019: p. 507-516

10.1016/j.funbio.2019.05.001

Taxonomy; Antarctic ocean; Extremophiles; Marine fungi

No. 191

Bhat, Zuhaib F.; Morton, James D.; Mason, Susan L.; Bekhit, Alaa El-Din A.

Does pulsed electric field have a potential to improve the quality of beef from older animals and how?

Innovative Food Science & Emerging Technologies v. 56, 2019: p. 102194

10.1016/j.ifset.2019.102194

Calpain activity; Dairy beef; Physicochemical properties; Pulsed electric field; Shear force; Western blotting

No. 186

Lewis, Alan S.; Picciotto, Marina R.

Regulation of aggressive behaviors by nicotinic acetylcholine receptors: animal models, human genetics, and clinical studies

Neuropharmacology v. , 2019: p. 107929

10.1016/j.neuropharm.2019.107929

acetylcholine; aggression; aggressive behavior; impulsivity; Nicotine; nicotinic receptor

No. 188

Dórea, Fernanda C.; Vial, Flavie; Hammar, Karl; Lindberg, Ann; Lambrix, Patrick; Blomqvist, Eva; Revie, Crawford W.

Drivers for the development of an Animal Health Surveillance Ontology (AHSO)

Preventive Veterinary Medicine v. 166, 2019: p. 39-48

10.1016/j.prevetmed.2019.03.002

Vocabulary; Classification; Standards; Syndromic surveillance; Terminology

No. 190

de Souza Filho, William; Nunes, Pedro Arthur de Albuquerque; Barro, Raquel Santiago; Kunrath, Taise Robinson; de Almeida, Gleice Menezes; Genro, Teresa Cristina Moraes; Bayer, Cimélio; de Faccio Carvalho, Paulo César

Mitigation of enteric methane emissions through pasture management in integrated crop-livestock systems: Trade-offs between animal performance and environmental impacts

Journal of Cleaner Production v. 213, 2019: p. 968-975

10.1016/j.jclepro.2018.12.245

Grazing; Black oat; Continuous stocking; Greenhouse gas emission; Italian ryegrass; Sustainable intensification

No. 192

Dighe, Amy; Jombart, Thibaut; Van Kerkhove, Maria D.; Ferguson, Neil

A systematic review of MERS-CoV seroprevalence and RNA prevalence in dromedary camels: Implications for animal vaccination

Epidemics v. 29, 2019: p. 100350

10.1016/j.epidem.2019.100350

Seroprevalence; MERS-CoV; Dromedary camels; Prevalence of infection

No. 193

Machado-Santos, Ana R.; Alves, Nuno D.; Araújo, Bruna; Correia, Joana S.; Patrício, Patrícia; Mateus-Pinheiro, António; Loureiro-Campos, Eduardo; Bessa, João M.; Sousa, Nuno; Pinto, Luísa

Astrocytic plasticity at the dorsal dentate gyrus on an animal model of recurrent depression

Neuroscience v. , 2019 : p.
10.1016/j.neuroscience.2019.10.032

Antidepressants; Astrocytes; Chronic stress; Dentate gyrus; Recurrent depression

No. 195

Ahmed, Warish; O'Dea, Christian; Masters, Nicole; Kuballa, Anna; Marinoni, Oswald; Katouli, Mohammad

Marker genes of fecal indicator bacteria and potential pathogens in animal feces in subtropical catchments

Science of The Total Environment v. 656, 2019: p. 1427-1435
10.1016/j.scitotenv.2018.11.439

Zoonosis; complex; Fecal indicator bacteria; Fecal pollution; Pathogenic bacteria

No. 197

Ke, Bowen; Chen, Hui; Cui, Yuanyuan; Ma, Lin; Liu, Yuqi; Hu, Xiaotong; Bai, Yu; Du, Lupei; Li, Minyong

A bioluminescent strategy for imaging palladium in living cells and animals with chemoselective probes based on luciferin-luciferase system

Talanta v. 194, 2019: p. 925-929
10.1016/j.talanta.2018.11.006

Bioluminescent probe; imaging; Luciferin-luciferase system; Palladium (II)

No. 199

Pan, Yi; Wang, Shiyuan; Zhang, Qi; Lu, Qianzi; Su, Dongqing; Zuo, Yongchun; Yang, Lei

Analysis and prediction of animal toxins by various Chou's pseudo components and reduced amino acid compositions

Journal of Theoretical Biology v. 462, 2019: p. 221-229
10.1016/j.jtbi.2018.11.010

Biological property; Classifiers; Prediction performance; Reduced amino acid; Toxin

No. 194

Burton, Rob J.F.

The potential impact of synthetic animal protein on livestock production: The new “war against agriculture”?

Journal of Rural Studies v. 68, 2019: p. 33-45
10.1016/j.jrurstud.2019.03.002

No. 196

Horigan, Verity; de Nardi, Marco; Crescio, Maria I.; Estrada-Peña, Agustín; Adkin, Amie; Maurella, Cristiana; Bertolini, Silvia; Léger, Anaïs; Ru, Giuseppe; Cook, Charlotte; Stark, Katharina; Simons, Robin R.L.

Maximising data to optimise animal disease early warning systems and risk assessment tools within Europe

Microbial Risk Analysis v. 13, 2019: p.
10.1016/j.mran.2019.02.003

Risk assessment; Animal disease; Early warning

No. 198

Laxmi, Vijaya; Gupta, Rachna; Bhattacharya, Swapan K.; Ray, Arunabha; Gulati, Kavita

Inhibitory effects of sildenafil and tadalafil on inflammation, oxidative stress and nitrosative stress in animal model of bronchial asthma

Pharmacological Reports v. 71, 2019: p. 517-521
10.1016/j.pharep.2019.02.008

Oxidative stress; Inflammation; Bronchial asthma; Ovalbumin; Sildenafil; Tadalafil

No. 200

Hidano, Arata; Gates, M. Carolyn

Why sold, not culled? Analysing farm and animal characteristics associated with livestock selling practices

Preventive Veterinary Medicine v. 166, 2019: p. 65-77
10.1016/j.prevetmed.2019.03.005

Agent based model; Contact pattern; Dynamic behaviour; Individual based model; Livestock movement; Simulation model; Trade

No. 201

Degneh, Efrem; Ashenafi, Hagos; Kassa, Tesfu; Kebede, Nigatu; Shibeshi, Workneh; Asres, Kaleab; Terefe, Getachew

Trypanocidal drug resistance: A threat to animal health and production in Gidami district of Kellem Wollega Zone, Oromia Regional State, Western Ethiopia

Preventive Veterinary Medicine v. 168, 2019 : p. 103-107
10.1016/j.prevetmed.2019.03.017

Prevalence; Bovine; Drug resistance; Trypanosomosis; Western Oromia

No. 202

Xia, Jingjing; Yang, Yi; Hu, Chenwenbao; Meng, Rui; Jiang, Qiuju; Liu, Rong; Yu, Yanyan; Sheng, Zonghai; Yan, Fei; Zhang, Lijuan; Shi, Zhifeng; Zheng, Hairong; Qiu, Weibao

Evaluation of Brain Tumor in Small Animals Using Plane Wave-Based Power Doppler Imaging

Ultrasound in Medicine & Biology v. 45, 2019: p. 811-822

10.1016/j.ultrasmedbio.2018.11.001

imaging; Flow measurement; Glioma; Plane wave ultrasound; Power Doppler imaging

No. 203

Cadavez, V.A.P.; Xavier, C.; Gonzales-Barron, U.

Classification of beef carcasses from Portugal using animal characteristics and pH/temperature decline descriptors

Meat Science v. 153, 2019: p. 94-102

10.1016/j.meatsci.2019.03.011

Carcass; Beef; Cold-shortening; Tenderness

No. 204

Wang, Peiyan; D'Imperio, Ludovica; Liu, Bei; Tian, Qingjiu; Jia, Zhongjun; Ambus, Per; Rasch, Morten; Elberling, Bo

Sea animal activity controls CO₂, CH₄ and N₂O emission hotspots on South Georgia, sub-Antarctica

Soil Biology and Biochemistry v. 132, 2019: p. 174-186

10.1016/j.soilbio.2019.02.002

Nitrous oxide; Antarctic fur seal (); Bacterial community; Carbon dioxide; Emission hotspots; King penguin (); Methane oxidation

No. 205

Simeonova, Rumyana; Vitcheva, Vessela; Zheleva-Dimitrova, Dimitrina; Balabanova, Vessela; Savov, Ionko; Yagi, Sakina; Dimitrova, Bozhana; Voynikov, Yulian; Gevrenova, Reneta

Trans-3,5-dicaffeoylquinic acid from *Geigeria alata* Benth. & Hook.f. ex Oliv. & Hiern with beneficial effects on experimental diabetes in animal model of essential hypertension

Food and Chemical Toxicology v. 132, 2019: p. 110678

10.1016/j.fct.2019.110678

Oxidative stress; Antioxidant enzymes; Diabetes; Dicaffeoylquinic acid; Hypertension

No. 206

Li, Junqiang; Karim, Md. Robiul; Li, Dongfang; Rahaman Sumon, S.M. Mostafizur; Siddiki, S.H.M. Faruk; Rume, Farzana Islam; Sun, Ruiqin; Jia, Yaquan; Zhang, Longxian

Molecular characterization of *Blastocystis* sp. in captive wildlife in Bangladesh National Zoo: Non-human primates with high prevalence and zoonotic significance

International Journal for Parasitology: Parasites and Wildlife v. 10, 2019: p. 314-320

10.1016/j.ijppaw.2019.11.003

Wild animals; Bangladesh; Subtypes; Zoonotic potential

No. 207

Ipsiroglu, Osman S.; Wind, Katarina; Hung, Yi-Hsuan (Amy); Berger, Mai; Chan, Forson; Yu, Wayne; Stockler, Sylvia; Weinberg, Joanne

Prenatal alcohol exposure and sleep-wake behaviors: exploratory and naturalistic observations in the clinical setting and in an animal model

Sleep Medicine v. 54, 2019: p. 101-112

10.1016/j.sleep.2018.10.006

Narrative; ADHD; Mental health; Restless legs syndrome; Suggested clinical immobilization test; Video recording

No. 208

Lohrabian, Vahid; Kamali-Asl, Alireza; Arabi, Hossein; Mamashi, Farugh; Hemmati, Hamid Reza; Zaidi, Habib

Design and construction of a variable resolution cone-beam small animal mini-CT prototype for in vivo studies

Radiation Physics and Chemistry v. 162, 2019: p. 199-207

10.1016/j.radphyschem.2018.10.019

Evaluation; Design; Analysis; Measurement; Experiment; Flat panel detector; Mini-CT scanner; Small-animal imaging; Spatial resolution; X-rays

No. 209

Rai, Uddipak; Kosuru, Ramoji; Prakash, Swati; Singh, Surya Pratap; Birla, Hareram; Tiwari, Vinod; Singh, Sanjay

Tetramethylpyrazine prevents diabetes by activating PI3K/Akt/GLUT-4 signalling in animal model of type-2 diabetes

Life Sciences v. 236 , 2019 : p. 116836

10.1016/j.lfs.2019.116836

Insulin resistance; PI3K/Akt signal pathway; Pro-inflammatory cytokines; Tetramethylpyrazine; Type-2 diabetes

No. 210

Urh, C.; Denißen, J.; Harder, I.; Koch, C.; Gerster, E.; Ettle, T.; Kraus, N.; Schmitz, R.; Kuhla, B.; Stamer, E.; Spiekers, H.; Sauerwein, H.

Circulating adiponectin concentrations during the transition from pregnancy to lactation in high-yielding dairy cows: testing the effects of farm, parity, and dietary energy level in large animal numbers

Domestic Animal Endocrinology v. 69, 2019: p. 1-12

10.1016/j.domaniend.2019.01.001

Dairy cows; Adiponectin; Feeding; optiKuh; Parity

No. 211

Mattucci, Stephen; Speidel, Jason; Liu, Jie; Kwon, Brian K.; Tetzlaff, Wolfram; Oxland, Thomas R.

Basic biomechanics of spinal cord injury — How injuries happen in people and how animal models have informed our understanding

Clinical Biomechanics v. 64, 2019: p. 58-68

10.1016/j.clinbiomech.2018.03.020

Animal model; Biomechanics; Impact velocity; Injury mechanism; Residual compression; Spinal cord injury

No. 212

Kast, Jeffrey B.; Long, Colleen M.; Muenich, Rebecca Logsdon; Martin, Jay F.; Kalcic, Margaret M.

Manure Management at Ohio Confined Animal Feeding Facilities in the Maumee River Watershed

Journal of Great Lakes Research v. 45, 2019: p. 1162-1170

10.1016/j.jglr.2019.09.015

Nutrients; CAFO; Manure; Maumee River watershed; Waste Management

No. 213

Masoudi, Reza; Sharafi, Mohsen; Shahneh, Ahmad Zare

Effects of CoQ10 on the quality of ram sperm during cryopreservation in plant and animal based extenders

Animal Reproduction Science v. 208, 2019: p. 106103

10.1016/j.anireprosci.2019.06.015

Ram; Coenzyme Q10; Soybean lecithin; Sperm freezing

No. 214

Djordjevic, Vladimir R.; Wallace, David R.; Schweitzer, Amie; Boricic, Novica; Knezevic, Djordje; Matic, Slavko; Grubor, Nikola; Kerkez, Mirko; Radenkovic, Dejan; Bulat, Zorica; Antonijevic, Biljana; Matovic, Vesna; Buha, Aleksandra

Environmental cadmium exposure and pancreatic cancer: Evidence from case control, animal and in vitro studies

Environment International v. 128, 2019: p. 353-361

10.1016/j.envint.2019.04.048

Cadmium; Carcinogenesis; Pancreatic cancer; Risk factors

No. 215

Sun, Wei-Chen; Yin, Zong-Jun; Donoghue, Philip; Liu, Peng-Ju; Shang, Xiao-Dong; Zhu, Mao-Yan

Tubular microfossils from the Ediacaran Weng'an Biota (Doushantuo Formation, South China) are not early animals

Palaeoworld v. 28, 2019: p. 469-477

10.1016/j.palwor.2019.04.004

Doushantuo Formation; Ediacaran; Microtomography; Tubular microfossils; Weng'an Biota

No. 216

Alonso-Hearn, Marta; Magombedze, Gesham; Abendaño, Naiara; Landin, Mariana; Juste, Ramon A.

Deciphering the virulence of Mycobacterium avium subsp. paratuberculosis isolates in animal macrophages using mathematical models

Journal of Theoretical Biology v. 468, 2019: p. 82-91

10.1016/j.jtbi.2019.01.040

Virulence; Host-pathogen interaction; Macrophages; Mathematical models; subsp.

No. 217

Lee, Eun Ji; Hwang, Jung Seok; Kang, Eun Sil; Lee, Su Bi; Hur, Jinwoo; Lee, Won Jin; Choi, Mi-Jung; Kim, Jun Tae; Seo, Han Geuk

Nanoemulsions improve the efficacy of turmeric in palmitate- and high fat diet-induced cellular and animal models

Biomedicine & Pharmacotherapy v. 110 , 2019 : p. 181-189
10.1016/j.biopha.2018.11.006

Curcumin; Efficacy; Lipotoxicity; Nanoemulsion; Palmitate; Turmeric

No. 218

Carvalho, R.A.; Romero, A.C.; Ibuki, F.K.; Nogueira, F.N.

Salivary gland metabolism in an animal model of chronic kidney disease

Archives of Oral Biology v. 104, 2019: p. 40-45

10.1016/j.archoralbio.2019.05.026

Chronic kidney disease; Glycolysis; Isotopomer analysis; Krebs cycle; Metabolism; Salivary glands

No. 219

Di Pillo, Francisca; Anríquez, Gustavo; Alarcón, Pablo; Jimenez-Bluhm, Pedro; Galdames, Pablo; Nieto, Vanesa; Schultz-Cherry, Stacey; Hamilton-West, Christopher

Backyard poultry production in Chile: animal health management and contribution to food access in an upper middle-income country

Preventive Veterinary Medicine v. 164, 2019: p. 41-48

10.1016/j.prevetmed.2019.01.008

Backyard poultry; Family poultry; Food access; Policy decision; Rural households

No. 220

Lee, Do-Hee; Nam, Sang-Eun; Eom, Hye-Jin; Rhee, Jae-Sung

Analysis of effects of environmental fluctuations on the marine mysid *Neomysis awatschensis* and its development as an experimental model animal

Journal of Sea Research v. , 2019: p. 101834

10.1016/j.seares.2019.101834

Growth; Experimental model; Laboratory culture; Marine mysid; Survival

No. 221

Garza, Maria; Mohan, Chadag Vishnumurthy; Rahman, Meezanur; Wieland, Barbara; Häslér, Barbara

The role of infectious disease impact in informing decision-making for animal health management in aquaculture systems in Bangladesh

Preventive Veterinary Medicine v. 167, 2019: p. 202-213

10.1016/j.prevetmed.2018.03.004

Bangladesh; Aquaculture; Biosecurity management; Decision making; Infectious diseases; Socio-economic impact

No. 222

Mousavi, F.; Kardar, G.A.; Pourpak, Z.

IgE-mediated allergic responses associated to *Ailanthus altissima* pollen using an animal model

Allergologia et Immunopathologia v. 47, 2019: p. 272-276

10.1016/j.aller.2018.09.007

2-DE; Allergy; BALB/C; IgE; Murine; Pollen

No. 223

Lei, Sicong; Zhu, Ling; Xue, Cong; Hong, Chengyi; Wang, Junliang; Che, Lei; Hu, Yongfeng; Qiu, Yuping

Mechanistic insights and multiple characterizations of cadmium binding to animal-derived biochar

Environmental Pollution v. , 2019: p. 113675

10.1016/j.envpol.2019.113675

Animal-derived biochar; Hydroxyapatite; Precipitation; Quantitative analysis; XANES

No. 224

Yang, Lun; Liu, Moucheng; Lun, Fei; Min, Qingwen; Li, Wenhua

The impacts of farmers' livelihood capitals on planting decisions: A case study of Zhagana Agriculture-Forestry-Animal Husbandry Composite System

Land Use Policy v. 86, 2019: p. 208-217

10.1016/j.landusepol.2019.04.030

Agricultural heritage system; Planting structure; Planting willingness; Qinghai-Tibet plateau

No. 225

Divsalar, Golnaz; Kaboosi, Hami; Khoshbakht, Rahem; Shirzad-Aski, Hesamaddin; Ghadikolaii, Fatemeh Peyravii

Antimicrobial resistances, and molecular typing of *Campylobacter jejuni* isolates, separated from food-producing animals and diarrhea patients in Iran

Comparative Immunology, Microbiology and Infectious Diseases v. 65 , 2019 : p. 194-200

10.1016/j.cimid.2019.06.001

-typing; Antimicrobial resistance gene; Diarrhea; MIC; RFLP

No. 226

Gren, Ing-Marie; Jägerbrand, Annika

Calculating the costs of animal-vehicle accidents involving ungulate in Sweden

Transportation Research Part D: Transport and Environment v. 70, 2019: p. 112-122

10.1016/j.trd.2019.03.008

Sweden; Costs; Econometrics; Population dynamics; Traffic accidents; Ungulates

No. 227

Paramanandham, Krishnamoorthy; Mohankumar, Ashwini; Puttahonnappa Suresh, Kuralayanapalya; Susan Jacob, Siju; Roy, Parimal

Prevalence of *Anaplasma* species in India and the World in dairy animals: A systematic review and meta-analysis

Research in Veterinary Science v. 123, 2019: p. 159-170

10.1016/j.rvsc.2019.01.013

Prevalence; India; Meta-analysis; species; World

No. 228

Qureshi, Sabia; Saxena, Hari Mohan

Efficacy of bacteriophage Lysed *Pasteurella* marker vaccine in laboratory animal models with a novel DIVA for haemorrhagic septicaemia

Saudi Journal of Biological Sciences v. 26, 2019: p. 141-147

10.1016/j.sjbs.2017.05.001

Mice; Alum precipitated HS vaccine; DIVA; Haemorrhagic septicaemia; IROMP(s); Marker vaccine; Rabbits bacteriophage

No. 229

Valvassori, Samira S.; Mariot, Edemilson; Varela, Roger B.; Bavaresco, Daniela V.; Dal-Pont, Gustavo C.; Ferreira, Camila L.; Andersen, Monica L.; Tye, Susannah J.; Quevedo, João

The role of neurotrophic factors in manic-, anxious- and depressive-like behaviors induced by amphetamine sensitization: Implications to the animal model of bipolar disorder

Journal of Affective Disorders v. 245, 2019: p. 1106-1113

10.1016/j.jad.2018.10.370

Bipolar disorder; Amphetamine sensitization; Anxious-like behavior; Depression-like behavior; Manic-like behavior; Neurotrophic factor

No. 230

Zhang, Min; He, Liang-Ying; Liu, You-Sheng; Zhao, Jian-Liang; Liu, Wang-Rong; Zhang, Jin-Na; Chen, Jun; He, Lun-Kai; Zhang, Qian-Qian; Ying, Guang-Guo

Fate of veterinary antibiotics during animal manure composting

Science of The Total Environment v. 650, 2019: p. 1363-1370

10.1016/j.scitotenv.2018.09.147

Risk assessment; Dissipation; Manure composting; Veterinary antibiotics

No. 231

Judy, J.V.; Bachman, G.C.; Brown-Brandl, T.M.; Fernando, S.C.; Hales, K.E.; Miller, P.S.; Stowell, R.R.; Kononoff, P.J.

Reducing methane production with corn oil and calcium sulfate: Responses on whole-animal energy and nitrogen balance in dairy cattle

Journal of Dairy Science v. 102, 2019: p. 2054-2067

10.3168/jds.2018-14567

dairy cow; dried distillers grains and solubles; energy; methane

No. 232

Wang, Yuhuan; Zade, Jagdish; Moon, Sung-Sil; Weldon, William; Pisal, S.S.; Glass, Roger I.; Dhere, Rajeev M.; Jiang, Baoming

Lack of immune interference between inactivated polio vaccine and inactivated rotavirus vaccine co-administered by intramuscular injection in two animal species

Vaccine v. 37, 2019: p. 698-704

10.1016/j.vaccine.2018.12.043

Combination vaccine; Dose sparing; IPV; IRV

No. 233

Galligani, Paula; Sartori, Julieta; Barrientos, Gustavo

Bacterial bioerosion in human and animal bones from subtropical environments (Northern Pampa/Middle Paraná River Basin, República Argentina)

Journal of Archaeological Science: Reports v. 25 , 2019 : p. 561-574
10.1016/j.jasrep.2019.05.015

SEM; Histological preservation; Microbial attack; Mineralised tissues; South America; Subtropics

No. 235

Pisu, Maria Giuseppina; Boero, Giorgia; Garau, Anna; Casula, Claudia; Cisci, Sonia; Biggio, Francesca; Concas, Alessandra; Follesa, Paolo; Maciocco, Elisabetta; Porcu, Patrizia; Serra, Mariangela

Are preconceptional stressful experiences crucial elements for the aetiology of autism spectrum disorder? Insights from an animal model

Neuropharmacology v. 157, 2019: p. 107686

10.1016/j.neuropharm.2019.107686

Rat; Autism spectrum disorders; BDNF; Oxytocin; Parents' social isolation; Reversal learning; Seizure susceptibility; Social behaviour

No. 237

Andrés, S.; Jaramillo, E.; Mateo, J.; Caro, I.; Carballo, D.E.; López, S.; Giraldez, F.J.

Grain grinding size of cereals in complete pelleted diets for growing lambs: Effects on animal performance, carcass and meat quality traits

Meat Science v. 157, 2019: p. 107874

10.1016/j.meatsci.2019.107874

Meat quality; Colour; Fatty acids; Feed efficiency; Residual feed intake

No. 239

Li, H.B.

Restorative effect of modified dioscorea pills on the structure of hippocampal neurovascular unit in an animal model of chronic cerebral hypoperfusion

Heliyon v. 5, 2019: p. e01567

10.1016/j.heliyon.2019.e01567

Neuroscience; Neurology; Pharmaceutical science

No. 234

De Oliveira, Jorge A.; Rigoli, Daniela; Kane, Robert; McLaren, Sue; Goulardins, Juliana B.; Straker, Leon M.; Dender, Alma; Rooney, Rosanna; Piek, Jan P.

Does 'Animal Fun' improve aiming and catching, and balance skills in young children?

Research in Developmental Disabilities v. 84, 2019: p. 122-130

10.1016/j.ridd.2018.07.004

Developmental coordination disorder; MABC-2; Movement intervention; Young children

No. 236

Whitehouse-Tedd, K.; Wilkes, R.; Stannard, C.; Wettlaufer, D.; Cilliers, D.

Reported livestock guarding dog-wildlife interactions: Implications for conservation and animal welfare

Biological Conservation v. , 2019: p. 108249

10.1016/j.biocon.2019.108249

Agriculture; Carnivore; Coexistence; Conflict; Human-wildlife; Predator control

No. 238

Sergeant, Nicolas; Vingtdeux, Valérie; Eddarkaoui, Sabiha; Gay, Marion; Evrard, Caroline; Le Fur, Nicolas; Laurent, Cyril; Caillierez, Raphaëlle; Obriot, Hélène; Larchanché, Paul-Emmanuel; Farce, Amaury; Coevoet, Mathilde; Carato, Pascal; Kouach, Mostafa;

New piperazine multi-effect drugs prevent neurofibrillary degeneration and amyloid deposition, and preserve memory in animal models of Alzheimer's disease

Neurobiology of Disease v. 129, 2019: p. 217-233

10.1016/j.nbd.2019.03.028

Alzheimer's disease; Acetylcholinesterase; Amyloid; Microtubule-associated protein tau; Multi-effect drugs; Neurofibrillary tangles; Tauopathies

No. 240

Sarkarat, Farzin; Modarresi, Alireza; Chiniforush, Nasim; Yazdanparast, Lilia; Rakhshan, Vahid

Efficacy of Photodynamic Therapy in Minimizing Bisphosphonate-Related Osteonecrosis of the Jaws After Dental Extraction: A Preliminary Animal Study

Journal of Oral and Maxillofacial Surgery v. 77, 2019: p. 307-314

10.1016/j.joms.2018.09.036

No. 241

Li, Binbin; He, Shucheng; Liu, Rui; Huang, Liangliang; Liu, Ge; Wang, Ruixuan; Yang, Zhuoyue; Liu, Xinyi; Leng, Ye; Liu, Dan; Ye, Chengyu; Li, Yunman; Chen, Yongjian; Yin, Hong; Fang, Weirong

Total glucosides of paeony attenuates animal psoriasis induced inflammatory response through inhibiting STAT1 and STAT3 phosphorylation

Journal of Ethnopharmacology v. 243 , 2019 : p. 112121

10.1016/j.jep.2019.112121

Psoriasis; Inflammatory cytokine; STAT; T cells; Total glucosides of paeony

No. 243

Hussin, Nurul Akmar; Najimudin, Nazalan; Ab Majid, Abdul Hafiz

The de novo transcriptome of workers head of the higher group termite *Globitermes sulphureus* Haviland (Blattodea: Termitidae)

Heliyon v. 5, 2019: p. e02969

10.1016/j.heliyon.2019.e02969

Animal science; Genetics; Agricultural science; Cellulase; de novo transcriptome; Gene expression; RNA-Seq; Transcriptomics; Trinity

No. 245

Celi, Pietro; Verlhac, Viviane; Pérez Calvo, Estefania; Schmeisser, Jerome; Klünter, Anna-Maria

Biomarkers of gastrointestinal functionality in animal nutrition and health

Animal Feed Science and Technology v. 250, 2019: p. 9-31

10.1016/j.anifeedsci.2018.07.012

Microbiota; Inflammation; Nutrition; Biomarkers; Gastrointestinal functionality

No. 247

Tanaka, H.; Takata, T.; Ishi, Y.; Uesugi, T.; Kuriyama, Y.; Watanabe, T.; Sakurai, Y.; Kawabata, S.; Masunaga, S.-I.; Suzuki, M.

Development of proton beam irradiation system for small animals using FFAG accelerator

Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment v. 922, 2019: p. 230-234

10.1016/j.nima.2018.12.081

BNCT; Boron neutron capture therapy; FFAG accelerator; Proton irradiation

No. 242

Tanaka, Rie; Tani, Tohru; Nitta, Norihisa; Tabata, Takahisa; Matsutani, Noritsugu; Muraoka, Shintaro; Yoneyama, Tsutomu; Sanada, Shigeru

Detection of Pulmonary Embolism Based on Reduced Changes in Radiographic Lung Density During Cardiac Beating Using Dynamic Flat-panel Detector: An Animal-based Study

Academic Radiology v. 26, 2019: p. 1301-1308

10.1016/j.acra.2018.12.012

Dynamic analysis; Flat-panel detector; Functional imaging; Image density; Pulmonary embolism; Pulmonary perfusion

No. 244

Ramires, Livia Magosso; Monteiro, Fernanda Nobre Bandeira; Ishida, Ana Carolina; Santos, Tamiriz Muniz dos; Silva, Huan Betine; Laposy, Cecília Braga; Santarém, Vamilton Alvares

Red Blood Cell Distribution Width in Quarter Horses: A Comparison Between Healthy and Hospitalized Animals

Journal of Equine Veterinary Science v. 73, 2019: p. 127-130

10.1016/j.jevs.2018.12.007

Hematology; Biomarker; Equine; RDW

No. 246

Liu, Biyuan; Zhao, Li; Yue, Chen; Qian, Meng; Xie, Ming

Changes in gonadal function at different stages of chronic restraint stress-induced depression animals

Physiology & Behavior v. 210, 2019: p. 112656

10.1016/j.physbeh.2019.112656

Male; Stress; Gonadal function; HPA axis; HPG axis; Oxidative damage

No. 248

Matere, Joseph; Simpkin, Piers; Angerer, Jay; Olesambu, Emmanuella; Ramasamy, Selvaraju; Fasina, Folorunso

Predictive Livestock Early Warning System (PLEWS): Monitoring forage condition and implications for animal production in Kenya

Weather and Climate Extremes v. , 2019: p. 100209

10.1016/j.wace.2019.100209

Livestock; Early warning; Community resilience; Drought; Livelihoods

No. 249

Franco, Marina Santiago; Roque, Marjorie Coimbra; de Barros, André Luís Branco; de Oliveira Silva, Juliana; Cassali, Geovanni Dantas; Oliveira, Mônica Cristina

Investigation of the antitumor activity and toxicity of long-circulating and fusogenic liposomes co-encapsulating paclitaxel and doxorubicin in a murine breast cancer animal model

Biomedicine & Pharmacotherapy v. 109 , 2019 : p. 1728-1739

10.1016/j.biopha.2018.11.011

Antitumor efficacy; Cardiotoxicity; Co-delivery; Cytotoxicity; Migration assay; Nuclear morphometric analysis

No. 251

Chen, Zitao; Ye, Shaopan; Teng, Jinyan; Diao, Shuqi; Yuan, Xiaolong; Chen, Zhanmou; Zhang, Hao; Li, Jiaqi; Zhang, Zhe

Genome-wide association studies for the number of animals born alive and dead in duroc pigs

Theriogenology v. 139, 2019: p. 36-42

10.1016/j.theriogenology.2019.07.013

Mortality; Duroc; GWAS; Pig; Reproductive traits

No. 253

Paniz Mondolfi, A.E.; Colmenares Garmendia, A.; Mendoza Pérez, Y.; Hernández-Pereira, C.E.; Medina, C.; Vargas, F.; Sandoval, D.; Agüero, J.; Román, D.; Forlano-Riera, M.; Salas, Y.; Peraza, M.; Romero, P.; Aldana, F.; Castillo, T.; Santeliz, S.; Perez, G.

Autochthonous cutaneous leishmaniasis in urban domestic animals (Felis catus / Canis lupus familiaris) from central-western Venezuela

Acta Tropica v. 191, 2019: p. 252-260

10.1016/j.actatropica.2019.01.006

Canine; Cutaneous; Feline; Leishmaniasis; Urban; Venezuela

No. 255

Okutani, Akiko; Inoue, Satoshi; Morikawa, Shigeru

Comparative genomics and phylogenetic analysis of Bacillus anthracis strains isolated from domestic animals in Japan

Infection, Genetics and Evolution v. 71, 2019: p. 128-139

10.1016/j.meegid.2019.03.022

canSNP analysis; Comparative genomics; Core genome SNP analysis; Phylogeny; Whole genome sequencing

No. 250

Zhu, Longji; Zhao, Yue; Yang, Kangjie; Chen, Jian; Zhou, Haixuan; Chen, Xiaomeng; Liu, Qi; Wei, Zimin

Host bacterial community of MGEs determines the risk of horizontal gene transfer during composting of different animal manures

Environmental Pollution v. 250, 2019: p. 166-174

10.1016/j.envpol.2019.04.037

Composting; Environmental factor; Horizontal gene transfer ability; Host bacterial community; Mobile genetic elements

No. 252

Rudnik-Jansen, Imke; Tellegen, Anna; Beukers, Martijn; Öner, Fetullah; Woike, Nina; Mihov, George; Thies, Jens; Meij, Björn; Tryfonidou, Marianna; Creemers, Laura

Safety of intradiscal delivery of triamcinolone acetonide by a poly(esteramide) microsphere platform in a large animal model of intervertebral disc degeneration

The Spine Journal v. 19, 2019: p. 905-919

10.1016/j.spinee.2018.10.014

chronic low back pain; controlled release; corticosteroid; intervertebral disc degeneration; intradiscal injection; poly(esteramide) microspheres; preclinical animal model; triamcinolone acetonide

No. 254

Kraikrutree, Kasinee; Thammakitipob, Varataya; Khemthong, Panit

Occupational standard for veterinary assistant (small animal)

Kasetsart Journal of Social Sciences v. , 2019: p.

10.1016/j.kjss.2018.08.006

competency; functional analysis; occupational standard; veterinary assistant; vocational education

No. 256

Guixiang, Tong; Yin, Weili; Wu, Xiangqing; Lin, Yong; Chen, Xiaohan; Liang, Wanwen; Huang, Quochu; Huang, Luanyu; Huang, Guanghua; Yang, Huizan; Sun, Tao; Xinxian, Wei; Li, Xiaozheng

Establishment of pyrosequencing technology to detect White Spot Syndrome Virus (WSSV) in cultured aquatic animals

Journal of Virological Methods v. 273, 2019: p. 113683

10.1016/j.jviromet.2019.113683

Syndrome; Detection; Pyrosequencing; spot; Virus (WSSV)

No. 257

Seyedsadr, Maryam S.; Weinmann, Oliver; Amorim, Ana; Ineichen, Benjamin V.; Egger, Matteo; Mirnajafi-Zadeh, Javad; Becher, Burkhard; Javan, Mohammad; Schwab, Martin E.

Inactivation of sphingosine-1-phosphate receptor 2 (S1PR2) decreases demyelination and enhances remyelination in animal models of multiple sclerosis

Neurobiology of Disease v. 124 , 2019 : p. 189-201

10.1016/j.nbd.2018.11.018

Blood brain barrier; Experimental autoimmune encephalitis; Fibrinogen; JTE-013; Lysolecithin; Myelin repair; Nogo-A; Oligodendrocyte progenitor cells; S1PR2 inactivation

No. 259

Venter, Zander S.; Hawkins, Heidi-Jayne; Cramer, Michael D.

Cattle don't care: Animal behaviour is similar regardless of grazing management in grasslands

Agriculture, Ecosystems & Environment v. 272, 2019: p. 175-187

10.1016/j.agee.2018.11.023

Behavior; Heterogeneity; High density grazing; Holistic planned grazing; Selectivity

No. 261

Park, Sungkwon; Cho, Eunseok; Chung, Hakjae; Cho, Kyuho; Sa, Sujin; Balasubramanian, Balamuralikrishnan; Choi, Taejeong; Jeong, Yongdae

Digestibility of phosphorous in cereals and co-products for animal feed

Saudi Journal of Biological Sciences v. 26, 2019: p. 373-377

10.1016/j.sjbs.2018.12.003

Nutrients; CTTAD; CTTSD; Feed ingredients; Growing-finishing pigs

No. 263

Kotowska, Dorota; Skórka, Piotr; Walasz, Kazimierz

Delineating the number of animal territories using digital mapping and spatial hierarchical clustering in GIS technology

Ecological Indicators v. 107, 2019: p. 105670

10.1016/j.ecolind.2019.105670

Bird; Habitat suitability; Mapping; Population size; Territory

No. 258

Han, Xiaoya; Sheng, Feng; Kong, Dexin; Wang, Yulian; Pan, Yuanhu; Chen, Mo; Tao, Yanfei; Liu, Zhenli; Ahmed, Saeed; Yuan, Zonghui; Peng, Dapeng

Broad-spectrum monoclonal antibody and a sensitive multi-residue indirect competitive enzyme-linked immunosorbent assay for the antibacterial synergists in samples of animal origin

Food Chemistry v. 280, 2019: p. 20-26

10.1016/j.foodchem.2018.12.040

Food-producing animals; Monoclonal antibody; Antibacterial synergists; Broad-spectrum; Indirect competitive enzyme-linked immunosorbent assay; Multi-residue

No. 260

Eyssen, Lauren E-A.; Coetzer, Theresa H.T.

Expression, purification and characterisation of Trypanosoma congolense metacaspase 5 (TcoMCA5) - a potential drug target for animal African trypanosomiasis

Protein Expression and Purification v. 164, 2019: p. 105465

10.1016/j.pep.2019.105465

Autoprocessing; Enzymatic characterisation; Gelatinolytic activity; Metacaspase

No. 262

Wu, Kuo-Hui; Huang, Wen-Chien; Chang, Shu-Chen; Kao, Ching-Hua; Shyu, Rong-Hwa

Colloidal silver-based lateral flow immunoassay for rapid detection of melamine in milk and animal feed

Materials Chemistry and Physics v. 231, 2019: p. 121-130

10.1016/j.matchemphys.2019.04.035

Colloidal silver; Lateral flow immunoassay; Melamine; Test strip

No. 264

Silva-Brito, Francisca; Timóteo, Filipa; Esteves, Ângela; Peixoto, Maria João; Ozorio, Rodrigo; Magnoni, Leonardo

Impact of the replacement of dietary fish oil by animal fats and environmental salinity on the metabolic response of European Seabass (*Dicentrarchus labrax*)

Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology v. 233, 2019: p. 46-59

10.1016/j.cbpb.2019.04.004

Digestion; Acute salinity change; Dietary fatty acids; Euryhaline fish; Metabolic capacity

No. 265

Goulet, Pauline; Guinet, Christophe; Swift, René; Madsen, Peter T.; Johnson, Mark

A miniature biomimetic sonar and movement tag to study the biotic environment and predator-prey interactions in aquatic animals

Deep Sea Research Part I: Oceanographic Research Papers v. 148, 2019 : p. 1-11

10.1016/j.dsr.2019.04.007

Biologging; Elephant seal; Fisheries sonar; Foraging ecology; Predator-prey interactions; Prey field mapping

No. 267

Zheng, Weijia; Yoo, Kyung-Hee; Choi, Jeong-Min; Park, Da-Hee; Kim, Seong-Kwan; Kang, Young-Sun; Abd El-Aty, A.M.; Hacımüftüoğlu, Ahmet; Jeong, Ji Hoon; Bekhit, Alaa El-Din; Shim, Jae-Han; Shin, Ho-Chul

A modified QuEChERS method coupled with liquid chromatography-tandem mass spectrometry for the simultaneous detection and quantification of scopolamine, L-hyoscyamine, and sparteine residues in animal-derived food products

Journal of Advanced Research v. 15, 2019: p. 95-102

10.1016/j.jare.2018.09.004

Milk; Residues; Egg; L-hyoscyamine; LC-MS/MS; Porcine muscle; QuEChERS; Scopolamine; Sparteine

No. 269

Binder, Claudia; Aurich, Christine; Reifinger, Martin; Aurich, Jörg

Spontaneous ovulation in cats—Uterine findings and correlations with animal weight and age

Animal Reproduction Science v. 209, 2019: p. 106167

10.1016/j.anireprosci.2019.106167

Age; Ovulation; Cat; Cystic endometrial hyperplasia (CEH); Weight

No. 271

Maté-González, Miguel Ángel; Courtenay, Lloyd A.; Aramendi, Julia; Yravedra, José; Mora, Rocío; González-Aguilera, Diego; Domínguez-Rodrigo, Manuel

Application of geometric morphometrics to the analysis of cut mark morphology on different bones of differently sized animals. Does size really matter?

Quaternary International v. 517, 2019: p. 33-44

10.1016/j.quaint.2019.01.021

3D reconstruction; Bone density; Cut marks; Geometric morphometrics

No. 266

Gorman, Richard

Thinking critically about health and human-animal relations: Therapeutic affect within spaces of care farming

Social Science & Medicine v. 231, 2019: p. 6-12

10.1016/j.socscimed.2017.11.047

Human-animal relations; Care farming; Health; Health and place; Health geography; UK

No. 268

Pigièrre, Fabienne; Goffette, Quentin

Continuity and change in animal exploitation at the transition from Antiquity to the early medieval period in the Belgian and Dutch loess region

Quaternary International v. 499, 2019: p. 101-111

10.1016/j.quaint.2017.10.025

Agriculture; Archaeozoology; Cattle morphology; Draught animal; Husbandry; Late Antiquity

No. 270

Koch, L.E.; Jenkins, T.C.; Bridges, W.C.; Koch, B.M.; Lascano, G.J.

Changes in fermentation and animal performance during recovery from classical diet-induced milk fat depression using corn with differing rates of starch degradability

Journal of Dairy Science v. 102, 2019: p. 5079-5093

10.3168/jds.2018-15953

biohydrogenation; milk fat depression; starch degradability; unsaturated fat

No. 272

Waterton, John C.; Hines, Catherine D.G.; Hockings, Paul D.; Laitinen, Iina; Ziemian, Sabina; Campbell, Simon; Gottschalk, Michael; Green, Claudia; Haase, Michael; Hassemer, Katja; Juretschke, Hans-Paul; Koehler, Sascha; Lloyd, William; Luo, Yanping; Mahm

Repeatability and reproducibility of longitudinal relaxation rate in 12 small-animal MRI systems

Magnetic Resonance Imaging v. 59, 2019: p. 121-129

10.1016/j.mri.2019.03.008

Reproducibility; Biomarker; Error propagation; Hardware stability; MRI; Phantom; Relaxation time

No. 273

Kajbafzadeh, Abdol-Mohammad; Khorramirouz, Reza; Kameli, Seyedeh Maryam; Fendereski, Kiarad; Daryabari, Seyedeh Sima; Tavangar, Seyed Mohammad; Azizi Garajegayeh, Bahram

Three-year efficacy and patency follow-up of decellularized human internal mammary artery as a novel vascular graft in animal models

The Journal of Thoracic and Cardiovascular Surgery v. 157 , 2019 : p. 1494-1502

10.1016/j.jtcvs.2018.08.106

internal mammary artery; recellularization; tissue engineering; vascular graft

No. 275

Caixeta, L.S.; Giesy, S.L.; Krumm, C.S.; Perfield, J.W.; Butterfield, A.; Boisclair, Y.R.

Fibroblast growth factor-21 (FGF21) administration to early-lactating dairy cows. II. Pharmacokinetics, whole-animal performance, and lipid metabolism

Journal of Dairy Science v. 102, 2019: p. 11597-11608

10.3168/jds.2019-16696

fatty acid; liver; growth hormone resistance; insulin-like growth factor-1; β -hydroxybutyrate

No. 277

Bhattacharjee, Sourdeep; MacPherson, Brian; Wang, Ranxiao Frances; Gras, Robin

Animal communication of fear and safety related to foraging behavior and fitness: An individual-based modeling approach

Ecological Informatics v. 54, 2019: p. 101011

10.1016/j.ecoinf.2019.101011

Machine learning; Alarm communication; Foraging activity; Individual fitness; Non-communication; Population density; Risk-allocation

No. 279

El-Bakly, Wesam; Wagdy, Omar; Sobhy, Ahmed; abo elenain, Omar; Riad, Mohamed S.; El Sayed, Mahmoud; Tarkhan, Sherif; Yassen, Mahmoud; Mahmoud, Abdelrahman; Bassiony, Mohamed; Nabil, Nesreen

The efficacy and underlying mechanism of phosphodiesterase- 5 inhibitors in preventing cognitive impairment and Alzheimer pathology: A systematic review of animal studies

Behavioural Brain Research v. 372, 2019: p. 112004

10.1016/j.bbr.2019.112004

Cognition; Alzheimer disease; A β -42 β ; MWM; Phosphodiesterase-5 inhibitors; T maize

No. 274

Janikova, Martina; Brozka, Hana; Radostova, Dominika; Svoboda, Jan; Stuchlik, Ales

No effect of riluzole and memantine on learning deficit following quinpirole sensitization - An animal model of obsessive-compulsive disorder

Physiology & Behavior v. 204, 2019: p. 241-247

10.1016/j.physbeh.2019.01.013

Active allothetic place avoidance task; Memantine; Obsessive-compulsive disorder; Quinpirole; Riluzole

No. 276

Wilde, Grant A.; Murphy, Robin R.

A robotics-oriented taxonomy of how ethologists characterize the traversability of animal environments

Robotics and Autonomous Systems v. 118, 2019: p. 159-166

10.1016/j.robot.2019.04.009

No. 278

Yuhara, Takeshi; Ozaki, Hayato; Suzuki, Takao; Urabe, Jotaro

Factors shaping the macrobenthic animal assemblages in a tidal flat newly-formed by the Great East Japan Earthquake

Estuarine, Coastal and Shelf Science v. 229, 2019: p. 106382

10.1016/j.ecss.2019.106382

Tsunami; Benthic macrofauna; Community assembly; Environmental factors; Estuary; New tidal flat; Spatial factors; The great east Japan earthquake

No. 280

RaiseAbdullahi, Payman; Vafaei, Abbas Ali; Ghanbari, Ali; Dadkhah, Masoomah; Rashidy-Pour, Ali

Time-dependent protective effects of morphine against behavioral and morphological deficits in an animal model of posttraumatic stress disorder

Behavioural Brain Research v. 364, 2019: p. 19-28

10.1016/j.bbr.2019.01.058

PTSD; mPFC; Dendritic remodeling; Extinction; Morphine; SPS

No. 281

Beirão, José; Boulais, Myrina; Gallego, Victor; O'Brien, Justine K.; Peixoto, Silvio; Robeck, Todd R.; Cabrita, Elsa

Sperm handling in aquatic animals for artificial reproduction

Theriogenology v. 133, 2019 : p. 161-178

10.1016/j.theriogenology.2019.05.004

reproduction; Assisted reproduction; fertilization; Sperm extraction; Spermatozoa:oocyte ratio

No. 283

Samaddar, Suman; Koneri, Raju

Polyphenols of marine red macroalga *Symphyclocladia latiuscula* ameliorate diabetic peripheral neuropathy in experimental animals

Heliyon v. 5, 2019: p. e01781

10.1016/j.heliyon.2019.e01781

Neuroscience; Biochemistry

No. 285

Kongprajug, Akechai; Chyerochana, Natcha; Somnark, Pornjira; Leelapanang Kampaengthong, Pinida; Mongkolsuk, Skorn; Sirikanchana, Kwanrawee

Human and animal microbial source tracking in a tropical river with multiple land use activities

International Journal of Hygiene and Environmental Health v. 222, 2019: p. 645-654

10.1016/j.ijheh.2019.01.005

PCR; qPCR; Fecal indicators; Microbial source tracking; Water quality monitoring

No. 287

Choi, Sun-Hae; Lee, Sun-Hee; Kim, Min Gon; Lee, Hong Jin; Kim, Geun-Bae

Lactobacillus plantarum CAU1055 ameliorates inflammation in lipopolysaccharide-induced RAW264.7 cells and a dextran sulfate sodium-induced colitis animal model

Journal of Dairy Science v. 102, 2019: p. 6718-6725

10.3168/jds.2018-16197

anti-inflammatory effect; dextran sulfate sodium; lactic acid bacteria; peptidoglycan; RAW264.7 cells

No. 282

Elert, Kerstin; Benavides-Reyes, Cristina; Cardell, Carolina

Effect of animal glue on mineralogy, strength and weathering resistance of calcium sulfate-based composite materials

Cement and Concrete Composites v. 96, 2019: p. 274-283

10.1016/j.cemconcomp.2018.12.005

Anhydrite; Bassanite; Compressive strength; Flexural strength; Gypsum

No. 284

Nowakowska, Marta; Gualtieri, Fabio; von Rüden, Eva-Lotta; Hansmann, Florian; Baumgärtner, Wolfgang; Tipold, Andrea; Potschka, Heidrun

Profiling the Expression of Endoplasmic Reticulum Stress Associated Heat Shock Proteins in Animal Epilepsy Models

Neuroscience v. , 2019: p.

10.1016/j.neuroscience.2019.12.015

chaperone; endoplasmic reticulum; hippocampus; seizure; unfolded protein response

No. 286

Milan, Peiman Brouki; Amini, Naser; Joghataei, Mohamad Taghi; Ebrahimi, Loghman; Amoupour, Moein; Sarveazad, Arash; Kargozar, Saeid; Mozafari, Masoud

Decellularized human amniotic membrane: From animal models to clinical trials

Methods v. , 2019: p.

10.1016/j.ymeth.2019.07.018

Amniotic membrane; Biomaterials; Decellularization; Extracellular matrix; Tissue engineering; Wound healing

No. 288

Singh, Priya; Singh, Amar Pal; Tripathi, Siddharth Kaushal; Kumar, Vinod; Sane, Aniruddha P.

Petal abscission in roses is associated with the activation of a truncated version of the animal PDCD4 homologue, RbPCD1

Plant Science v. 288, 2019: p. 110242

10.1016/j.plantsci.2019.110242

Ethylene; Heat shock; Inflorescence; MA3 domain; PDCD4; Repression; Senescence

No. 289

Hayashida, Maiko; Miyaoka, Tsuyoshi; Tsuchie, Keiko; Araki, Tomoko; Izuhara, Muneto; Miura, Shoko; Kanayama, Misako; Ohtsuki, Koji; Nagahama, Michiharu; Azis, Ilhamuddin Abdul; Abdullah, Rostia Arianna; Jaya, Muhammad Alim; Arauchi, Ryosuke; Hashioka, Sad

Parvalbumin-positive GABAergic interneurons deficit in the hippocampus in Gunn rats: A possible hyperbilirubinemia-induced animal model of schizophrenia

Heliyon v. 5 , 2019 : p. e02037
10.1016/j.heliyon.2019.e02037

Molecular biology; Neuroscience; Schizophrenia; Biochemistry; Anatomy; Cell biology; Developmental biology; GABA; Gunn rat; Hyperbilirubinemia; Immunology; Parvalbumin

No. 291

Guirro, Maria; Herrero, Pol; Costa, Andrea; Gual-Grau, Andreu; Ceretó-Massagué, Adrià; Hernández, Adrià; Torrell, Helena; Arola, Lluís; Canela, Núria

Comparison of metaproteomics workflows for deciphering the functions of gut microbiota in an animal model of obesity

Journal of Proteomics v. 209, 2019: p. 103489

10.1016/j.jprot.2019.103489

Microbiota; Mass spectrometry; Metagenomics; Metaproteomics

No. 293

Freemyer, Andrea; Neal, Christopher; Nelson-Brantley, Jennifer; Staecker, Hinrich; Durham, Dianne

Early Onset Region and Cell Specific Alterations of Doublecortin Expression in the CNS of Animals with Sound Damage Induced Hearing Loss

IBRO Reports v. 7, 2019: p. 129-140

10.1016/j.ibror.2019.10.003

Cerebellum; Dorsal Cochlear Nucleus; Hippocampus; Neuroplasticity; Sensorineural Hearing Loss; Tinnitus

No. 295

Hachim, Daniel; Iftikhar, Aimon; LoPresti, Samuel T.; Nolfi, Alexis L.; Ravichandar, Shweta; Skillen, Clint D.; Brown, Bryan N.

Distinct release strategies are required to modulate macrophage phenotype in young versus aged animals

Journal of Controlled Release v. 305, 2019: p. 65-74

10.1016/j.jconrel.2019.05.020

Biomaterials; Aging; Cytokine; Delivery; Host response; IL-4; Macrophage; MCP-1; Sequential

No. 290

Rault, Jean-Loup

Be kind to others: Prosocial behaviours and their implications for animal welfare

Applied Animal Behaviour Science v. 210, 2019: p. 113-123

10.1016/j.applanim.2018.10.015

Affiliation; Altruism; Cooperation; Help; Positive; Prosocial

No. 292

Hariprasath, P.; Vijayakumar, V.; Selvamani, S.T.; Vigneshwar, M.; Palanikumar, K.

Some Studies on Waste Animal Tallow Biodiesel Produced by Modified Transesterification Method Using Heterogeneous Catalyst

Materials Today: Proceedings v. 16, 2019: p. 1271-1278

10.1016/j.matpr.2019.05.224

Transesterification; CH₃OH; KOH; Molar ratio; NaOH; Tallow fats

No. 294

Smith, Kathryn A.; Oesterle, Paul T.; Jardine, Claire M.; Dibernardo, Antonia; Huynh, Chris; Lindsay, Robbin; Pearl, David L.; Nemeth, Nicole M.

Tick infestations of wildlife and companion animals in Ontario, Canada, with detection of human pathogens in Ixodes scapularis ticks

Ticks and Tick-borne Diseases v. 10, 2019: p. 72-76

10.1016/j.ttbdis.2018.08.018

Ticks; Canada; sensu stricto; Wildlife

No. 296

Singh, Manraj Deep; Singh, Harkirat; Singh, Nirbhay Kumar; Singh, Niraj Kumar; Kashyap, Neeraj; Sood, Naresh Kumar; Rath, Shitanshu Shekar

Development of loop-mediated isothermal amplification (LAMP) assay for detection of Hepatozoon canis infection in dogs

Ticks and Tick-borne Diseases v. 10, 2019: p. 371-376

10.1016/j.ttbdis.2018.11.016

18S PCR assay; Detection threshold; LAMP assay; Microscopy

No. 297

Citraro, Rita; Iannone, Michelangelo; Leo, Antonio; De Caro, Carmen; Nesci, Valentina; Tallarico, Martina; Abdalla, Karim; Palma, Ernesto; Arturi, Franco; De Sarro, Giovambattista; Constanti, Andrew; Russo, Emilio

Evaluation of the effects of liraglutide on the development of epilepsy and behavioural alterations in two animal models of epileptogenesis

Brain Research Bulletin v. 153 , 2019 : p. 133-142

10.1016/j.brainresbull.2019.08.001

Depression; Epileptogenesis; GLP-1 receptor agonist; Kainate-induced seizures; Memory; WAG/Rij rats

No. 299

Li, Shuliang; Zhou, Jiangbo; Zhang, Jianjun; Wang, Dong; Ma, Jingjian

Construction of rat spinal cord injury model based on Allen's animal model

Saudi Journal of Biological Sciences v. 26, 2019: p. 2122-2126

10.1016/j.sjbs.2019.09.033

Model; Recovery; Rat; Allen's; Score

No. 301

Zhao, Yanfang; Wu, Ri; Yu, Hao; Li, Jingkun; Liu, Lanqi; Wang, Shanshan; Chen, Xiangfeng; Chan, T.-W. Dominic

Magnetic solid-phase extraction of sulfonamide antibiotics in water and animal-derived food samples using core-shell magnetite and molybdenum disulfide nanocomposite adsorbent

Journal of Chromatography A v. 1610, 2020: p. 460543

10.1016/j.chroma.2019.460543

Core-shell nanocomposite; Magnetic solid-phase extraction; Sorbent; Sulfonamide antibiotics; tandem mass spectrometry

No. 303

Hamilton, W. Derek; Sayle, Kerry L.; Boyd, Marcus O.E.; Haselgrove, Colin C.; Cook, Gordon T.

'Celtic cowboys' reborn: Application of multi-isotopic analysis ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$, and $\delta^{34}\text{S}$) to examine mobility and movement of animals within an Iron Age British society

Journal of Archaeological Science v. 101, 2019: p. 189-198

10.1016/j.jas.2018.04.006

Stable isotopes; Mobility; Diet; Iron Age Britain

No. 298

Cattaneo, Martina; Finzi, Alberto; Guido, Viviana; Riva, Elisabetta; Provolo, Giorgio

Effect of ammonia stripping and use of additives on separation of solids, phosphorus, copper and zinc from liquid fractions of animal slurries

Science of The Total Environment v. 672, 2019: p. 30-39

10.1016/j.scitotenv.2019.03.316

Manure; Aluminium sulfate; Calcium hydroxide; Heavy metals; Nitrogen removal; Solid-liquid separation

No. 300

Hamadamin, Ahmad Yaseen; Hassan, Khulod Ibraheem

Gas chromatography-mass spectrometry based sensitive analytical approach to detect and quantify non-polar pesticides accumulated in the fat tissues of domestic animals

Saudi Journal of Biological Sciences v. , 2019: p.

10.1016/j.sjbs.2019.12.029

Pesticides; QuEChERS; Animal fat tissues; GC-MS; Organochlorines; Organophosphorus; Pyrethroids

No. 302

Kim, Bokyoung; Ji, Kyunghee; Kim, Cheolmin; Kang, Habyeong; Lee, Sangwoo; Kwon, Bareum; Kho, Younglim; Park, Kyunghwa; Kim, Kyungtae; Choi, Kyungho

Pharmaceutical residues in streams near concentrated animal feeding operations of Korea – Occurrences and associated ecological risks

Science of The Total Environment v. 655, 2019: p. 408-413

10.1016/j.scitotenv.2018.11.233

Risk assessment; Concentrated animal feeding operations; Veterinary antibiotics; Livestock farming; Pharmaceuticals

No. 304

Salazar-Noratto, G.E.; De Nijs, N.; Stevens, H.Y.; Gibson, G.; Guldborg, R.E.

Regional gene expression analysis of multiple tissues in an experimental animal model of post-traumatic osteoarthritis

Osteoarthritis and Cartilage v. 27, 2019: p. 294-303

10.1016/j.joca.2018.10.007

Animal model; Gene expression; Articular cartilage; Osteoarthritis; Osteophyte; Synovium

No. 305

Leskowitz, Eric

Mesmer Reconsidered: From Animal Magnetism to the Biofield

EXPLORE v. 15 , 2019 : p. 95-97

10.1016/j.explore.2018.12.010

biofield; energy medicine; Mesmer; Therapeutic Touch

No. 306

Peng, Wei; Han, Ping; Yu, Luyao; Chen, Ying; Ye, Bingzhu; Qin, Luping; Xin, Hailiang; Han, Ting

Anti-allergic rhinitis effects of caffeoylquinic acids from the fruits of *Xanthium strumarium* in rodent animals via alleviating allergic and inflammatory reactions

Revista Brasileira de Farmacognosia v. 29, 2019: p. 46-53

10.1016/j.bjp.2018.10.004

Histopathology; Allergic rhinitis; Caffeoylquinic acids; Histamine

No. 307

Morikawa, Kumi; Nakamura, Kazuomi; Suyama, Yoshiko; Yamamoto, Kenshiro; Fukuoka, Kohei; Yagi, Shunjiro; Shirayoshi, Yasuaki; Ohbayashi, Tetsuya; Hisatome, Ichiro

Novel dual-reporter transgenic rodents enable cell tracking in animal models of stem cell transplantation

Biochemistry and Biophysics Reports v. 18, 2019: p. 100645

10.1016/j.bbrep.2019.100645

imaging; Fluorescence; Luminescence; Reporter; Stem cells; Transplantation

No. 308

Mohd-Lila, Mohd-Azmi; Yee, Lai Kit; Cen, Lo Sewn; Bala, Jamilu Abubakar; Balakrishnan, Krishnan Nair; Allaudin, Zeenathul Nazariah; Abdul Rahman, Sheikh-Omar; Hani, Homayoun; Abdullah, Rasedee

The application of naked DNA plasmid (DrZP3) and recombinant adenovirus (Ad-rZP3) in rat animal model to determine comparative efficacy of ZP3-Immunocontraceptive vaccines

Microbial Pathogenesis v. 134, 2019: p. 103572

10.1016/j.micpath.2019.103572

Immunocontraceptive; Infertility; Naked plasmid DNA; Recombinant adenovirus; ZP3

No. 309

Kuter, Katarzyna Z.; Olech, Łukasz; Dencher, Norbert A.

Increased energetic demand supported by mitochondrial electron transfer chain and astrocyte assistance is essential to maintain the compensatory ability of the dopaminergic neurons in an animal model of early Parkinson's disease

Mitochondrion v. 47, 2019: p. 227-237

10.1016/j.mito.2018.12.002

Adaptation; Parkinson's disease; Energy metabolism; Neurodegeneration; Succinate dehydrogenase; Supramolecular complexes

No. 310

Weese, J. Scott; Blondeau, Joseph; Boothe, Dawn; Guardabassi, Luca G.; Gumley, Nigel; Papich, Mark; Jessen, Lisbeth Rem; Lappin, Michael; Rankin, Shelley; Westropp, Jodi L.; Sykes, Jane

International Society for Companion Animal Infectious Diseases (ISCAID) guidelines for the diagnosis and management of bacterial urinary tract infections in dogs and cats

The Veterinary Journal v. 247, 2019: p. 8-25

10.1016/j.tvjl.2019.02.008

Antimicrobial stewardship; Antimicrobials; Cystitis; Prostatitis; Pyelonephritis

No. 311

Adedayo, Lawrence Dayo; Ojo, Alaba Olumide; Awobajo, Funmileyi Olubanjo; Adeboye, Boluwatife Adetoyin; Adebisi, James Adedayo; Bankole, Temitope Joshua; Ayilara, Gideon Opeyemi; Bamidele, Olubayode; Aitokhuehi, Nimedia Gideon; Onasanwo, Samuel Adetunji

Methanol extract of *Cola nitida* ameliorates inflammation and nociception in experimental animals

Neurobiology of Pain v. 5, 2019: p. 100027

10.1016/j.ynpai.2019.100027

Analgesic; Anti-inflammation; Carrageenan; Cola nitida

No. 312

Gao, Tianle; Shi, Tiansheng; Wiesenfeld-Hallin, Zsuzsanna; Li, Tao; Jiang, Jian-Dong; Xu, Xiao-Jun

Sinomenine facilitates the efficacy of gabapentin or ligustrazine hydrochloride in animal models of neuropathic pain

European Journal of Pharmacology v. 854, 2019: p. 101-108

10.1016/j.ejphar.2019.03.061

Drug combination; Gabapentin; Ligustrazine hydrochloride; Neuropathic pain; Sinomenine

No. 313

Pedrazzoli, Matteo; Losurdo, Morris; Paolone, Giovanna; Medelin, Manuela; Jaupaj, Lejdi; Cisterna, Barbara; Slanzi, Anna; Malatesta, Manuela; Coco, Silvia; Buffelli, Mario

Glucocorticoid receptors modulate dendritic spine plasticity and microglia activity in an animal model of Alzheimer's disease

Neurobiology of Disease v. 132 , 2019 : p. 104568

10.1016/j.nbd.2019.104568

Alzheimer's disease; Hippocampus; Dendritic spines; Glucocorticoid receptor; Glucocorticoids; Microglia

No. 315

Shen, Jiacheng; Melaku, Nigus Demelash; Treu, Roland; Wang, Junye

Inventories of methane and nitrous oxide emissions from animal and crop farms of 69 municipalities in Alberta, Canada

Journal of Cleaner Production v. 234, 2019: p. 895-911

10.1016/j.jclepro.2019.06.270

Methane; Nitrous oxide; Emissions; Fertilizer distribution; IPCC inventory

No. 317

Alejandre, Marta; Astiasarán, Iciar; Ansorena, Diana; Barbut, Shai

Using canola oil hydrogels and organogels to reduce saturated animal fat in meat batters

Food Research International v. 122, 2019: p. 129-136

10.1016/j.foodres.2019.03.056

Carrageenan; Ethylcellulose; Fat replace; Hydrogelled emulsion; Meat emulsion; Organogel

No. 319

Matsumoto, Hirokazu; Kohara, Ryosuke; Sugi, Makoto; Usui, Azumi; Oyama, Kenji; Mannen, Hideyuki; Sasazaki, Shinji

The non-synonymous mutation in bovine SPP1 gene influences carcass weight

Heliyon v. 5, 2019: p. e03006

10.1016/j.heliyon.2019.e03006

Cattle; SNP; Animal breeding; Genetics; Carcass weight; DNA sequencing; Gene mutation; Japanese Black cattle; Muscle; Promoter; SPP1

No. 314

Seghrouchni, Mohammed; Elkasraoui, Hind; Piro, Mohamed; Alyakine, Hassan; Bouayad, Hassan; Chakir, Jamal; Tligui, Noursaid; Elallali, Khalid; Azrib, Rahma

Osteoarticular radiographic findings of the distal forelimbs in Tbourida Horses

Heliyon v. 5, 2019: p. e02514

10.1016/j.heliyon.2019.e02514

Animal science; Veterinary medicine; Animal behavior; Animal breeding; Horse; Forelimb; Pathophysiology; Radiographic findings; Tbourida; Veterinary science; X-ray

No. 316

Takeuchi, Saori; Hida, Hirotake; Uchida, Mizuki; Naruse, Ryo; Yoshimi, Akira; Kitagaki, Shinji; Ozaki, Norio; Noda, Yukihiko

Blonanserin ameliorates social deficit through dopamine-D3 receptor antagonism in mice administered phencyclidine as an animal model of schizophrenia

Neurochemistry International v. 128, 2019: p. 127-134

10.1016/j.neuint.2019.04.008

Blonanserin; Dopamine-D receptor; Phencyclidine; Social behavior

No. 318

Abbaoui, Abdellatif; Tamegart, Lahcen; El Fari, Radouane; Gamrani, Halima

Subcommissural organ–Reissner's fiber complex plasticity in two animal models of copper intoxication and modulatory effect of curcumin: Involvement of serotonin

Journal of Chemical Neuroanatomy v. 97, 2019: p. 80-86

10.1016/j.jchemneu.2019.02.004

Curcumin; Rats; Copper; Reissner's fiber; Serotonin; Subcommissural organ

No. 320

Baradaran Rahimi, Vafa; Askari, Vahid Reza; Mousavi, Seyed Hadi

Ellagic acid dose and time-dependently abrogates d-galactose-induced animal model of aging: Investigating the role of PPAR-γ

Life Sciences v. 232, 2019: p. 116595

10.1016/j.lfs.2019.116595

Aging; -Galactose; Anti-inflammatory; Ellagic acid; Metformin; PPAR-γ

No. 321

Amalina Ishak, Farah; Haziq Jamil, Muhammad; Syukor Abd Razak, Abdul; Huwaida Anuar Zamani, Nurul; Rashid Ab Hamid, Mohd

Development of Animal Feed from Waste to Wealth using Napier Grass and Palm Acid Oil (PAO) from Palm Oil Mill Effluent (POME)

Materials Today: Proceedings v. 19 , 2019 : p. 1618-1627
10.1016/j.matpr.2019.11.190

Cattle feeds; coconut waste (*Cocos nucifera*); Napier grass; palm acid oil (PAO); water lettuce (*Pistia stratiotes* L.)

No. 322

Golem, Devon; Eck, Kaitlyn M.; Delaney, Colleen L.; Clark, Rashel L.; Shelnutt, Karla P.; Olfert, Melissa D.; Byrd-Bredbenner, Carol

“My stuffed animals help me”: the importance, barriers, and strategies for adequate sleep behaviors of school-age children and parents

Sleep Health v. 5, 2019: p. 152-160

10.1016/j.sleh.2018.11.003

Bedtime routine; Cognitions; Sleep behaviors

No. 323

Ehlers, Julian; Poppert, Sven; Ratovonamana, Rakotomalala Yedidya; Ganzhorn, Jörg Ulrich; Tappe, Dennis; Krüger, Andreas

Ectoparasites of endemic and domestic animals in southwest Madagascar

Acta Tropica v. 196, 2019: p. 83-92

10.1016/j.actatropica.2019.05.008

Madagascar; Livestock; Ectoparasites; Habitat disturbance; Lemurs; Small mammals

No. 324

Konkol, Damian; Szmigiel, Ida; Domżał-Kędzia, Marta; Kułczyński, Marek; Krasowska, Anna; Opaliński, Sebastian; Korczyński, Mariusz; Łukaszewicz, Marcin

Biotransformation of rapeseed meal leading to production of polymers, biosurfactants, and fodder

Bioorganic Chemistry v. 93, 2019: p. 102865

10.1016/j.bioorg.2019.03.039

Probiotics; Animal feed, Biosurfactants; Biorefinery; Cattle farming; Rapeseed meal

No. 325

Salau, Jennifer; Lamp, Ole; Krieter, Joachim

Dairy cows' contact networks derived from videos of eight cameras

Biosystems Engineering v. 188, 2019: p. 106-113

10.1016/j.biosystemseng.2019.10.018

Axis M3046-V IP cameras; Cow barn surveillance; Herd activity; Network analysis

No. 326

Waiblinger, Susanne; Hajek, Franziska; Lambacher, Bianca; Wittek, Thomas

Effects of the method of restraint for shearing on behaviour and heart rate variability in alpacas

Applied Animal Behaviour Science v. , 2019: p. 104918

10.1016/j.applanim.2019.104918

Stress; Handling; Heart rate variability; Restraint; Shearing; South American camelids

No. 327

Odaira, Takayo; Nakagawasai, Osamu; Takahashi, Kohei; Nemoto, Wataru; Sakuma, Wakana; Lin, Jia-Rong; Tan-No, Koichi

Mechanisms underpinning AMP-activated protein kinase-related effects on behavior and hippocampal neurogenesis in an animal model of depression

Neuropharmacology v. 150, 2019: p. 121-133

10.1016/j.neuropharm.2019.03.026

No. 328

dos Reis, Sandra Aparecida; da Conceição, Lisiane Lopes; e Dias, Mariana Moura; Siqueira, Nathane Paes; Rosa, Damiana Diniz; de Oliveira, Leandro Licursi; da Matta, Sérgio Luis Pinto; Peluzio, Maria do Carmo Gouveia

Kefir reduces the incidence of pre-neoplastic lesions in an animal model for colorectal cancer

Journal of Functional Foods v. 53, 2019: p. 1-6

10.1016/j.jff.2018.11.050

Probiotics; Aberrant crypt foci; Intestinal microbiota

No. 329

Cho, Sun-A; An, Susun; Park, Jae-Hak

High-throughput screening (HTS)-based spectrophotometric direct peptide reactivity assay (Spectro-DPRA) to predict human skin sensitization potential

Toxicology Letters v. 314 , 2019 : p. 27-36
10.1016/j.toxlet.2019.07.014

Animal alternative; Peptide reactivity; Skin sensitization; Spectrophotometric

No. 331

Gisselsson-Solén, Marie; Tähtinen, Paula A.; Ryan, Allen F.; Mulay, Apoorva; Kariya, Shin; Schilder, Anne G.M.; Valdez, Tulio A.; Brown, Steve; Nolan, Ryan M.; Hermansson, Ann; van Ingen, Gijs; Marom, Tal

Panel 1: Biotechnology, biomedical engineering and new models of otitis media

International Journal of Pediatric Otorhinolaryngology v. , 2019: p. 109833

10.1016/j.ijporl.2019.109833

Treatment; Animal model; Vaccines; Diagnostics; Otitis media

No. 333

Arhant, Christine; Hörschläger, Nicole; Troxler, Josef

Attitudes of veterinarians and veterinary students to recommendations on how to improve dog and cat welfare in veterinary practice

Journal of Veterinary Behavior v. 31, 2019: p. 10-16

10.1016/j.jveb.2019.01.004

companion animals; animal welfare; cats; dogs; low-stress handling; veterinary practice

No. 335

Zhong, Xiaofen; Li, Hongda; Kim, Jason; Chang, Qiang

Regulation of neural differentiation, synaptic scaling and animal behavior by MeCP2 phosphorylation

Neurobiology of Learning and Memory v. 165, 2019: p. 106859

10.1016/j.nlm.2018.04.014

MeCP2; Phosphorylation; Rett syndrome; S421; S80

No. 330

Cui, Yingzhe; Chang, Lulu; Wang, Chunbo; Han, Xudong; Mu, Lili; Hao, Yue; Liu, Chonghui; Zhao, Jiarui; Zhang, Tongshuai; Zhang, Haiyu; Zhang, Yao; Liu, Yumei; Zhao, Wei; Wang, Jinghua; Liu, Xijun; Sun, Bo; Wang, Guangyou; Kong, Qingfei; Han, Junwei; Li, H

Metformin attenuates autoimmune disease of the neuromotor system in animal models of myasthenia gravis

International Immunopharmacology v. 75, 2019: p. 105822

10.1016/j.intimp.2019.105822

Metformin; Experimental autoimmune myasthenia gravis (EAMG); Reactive oxygen vtj\ species (ROS); Regulatory T cells (Treg); T helper cells 17 (Th17)

No. 332

Lespes, Carole; Lachenal, Thibault; Gardeisen, Armelle; Gascó, Jean

New perspectives on Late Bronze Age lagoon sites in the South of France revealed by animal exploitation at the La Motte I site (Hérault)

Journal of Archaeological Science: Reports v. 25, 2019: p. 206-216

10.1016/j.jasrep.2019.04.005

Culling profile; French Mediterranean; Herd management; Lagoons; Late Bronze Age

No. 334

Badger, Julia R.; Shapiro, Laura R.

We're going to the zoo: Interactive educational activities with animals boost category-based induction in children

Cognitive Development v. 49, 2019: p. 1-10

10.1016/j.cogdev.2018.10.003

Education; Category; Child development; Induction; Training

No. 336

Benkerrou, D.; Minicozzi, V.; Gradogna, A.; Milenkovic, S.; Bodrenko, I.V.; Festa, M.; Lagostena, L.; Cornara, L.; D'Amore, A.; Ceccarelli, M.; Filippini, A.; Carpaneto, A.

A perspective on the modulation of plant and animal two pore channels (TPCs) by the flavonoid naringenin

Biophysical Chemistry v. 254, 2019: p. 106246

10.1016/j.bpc.2019.106246

Fluorescence; Animal lysosome; Molecular docking; Patch-clamp; Plant vacuole; TPC channels

No. 337

Ngo, Kang Min; Hosaka, Tetsuro; Numata, Shinya

The influence of childhood nature experience on attitudes and tolerance towards problem-causing animals in Singapore

Urban Forestry & Urban Greening v. 41 , 2019 : p. 150-157

10.1016/j.ufug.2019.04.003

Coexistence with wildlife; Structured equation modelling; Urban wildlife; Wildlife aversion

No. 339

Mekonnen, Mesfin M.; Neale, Christopher M.U.; Ray, Chittaranjan; Erickson, Galen E.; Hoekstra, Arjen Y.

Water productivity in meat and milk production in the US from 1960 to 2016

Environment International v. 132, 2019: p. 105084

10.1016/j.envint.2019.105084

Animal feed; Feed conversion efficiency; Sustainability; Water footprint; Water use

No. 341

Maia, Margarida R.G.; Fonseca, António J.M.; Cortez, Paulo P.; Cabrita, Ana R.J.

In vitro evaluation of macroalgae as unconventional ingredients in ruminant animal feeds

Algal Research v. 40, 2019: p. 101481

10.1016/j.algal.2019.101481

Digestibility; Feed ingredient; Macroalgae; Rumen fermentation

No. 343

Toppel, K; Kaufmann, F; Schön, H; Gauly, M; Andersson, R

Effect of pH-lowering litter amendment on animal-based welfare indicators and litter quality in a European commercial broiler husbandry

Poultry Science v. 98, 2019: p. 1181-1189

10.3382/ps/pey489

broiler; welfare; foot pad dermatitis; litter pH; litter treatment

No. 338

Hunter, Caroline A.; Kartal, Funda; Koc, Zeynep C.; Murphy, Tamara; Kim, Jung Han; Denvir, James; Koc, Emine C.

Mitochondrial oxidative phosphorylation is impaired in TALLYHO mice, a new obesity and type 2 diabetes animal model

The International Journal of Biochemistry & Cell Biology v. 116, 2019: p. 105616

10.1016/j.biocel.2019.105616

Mitochondrial biogenesis; Mitochondrial ribosomal proteins; Oxidative phosphorylation; TALLYHO/Jng mice; Type 2 diabetes

No. 340

Shaafi, Sheida; Sharifi-Bonab, Mirmohsen; Ghaemian, Neda; Mokhtarkhani, Mohaddeseh; Akbari, Hossen

Early Motor-Behavioral Outcome of Ischemic Stroke with Ketogenic Diet Preconditioning: Interventional Animal Study

Journal of Stroke and Cerebrovascular Diseases v. 28, 2019: p. 1032-1039

10.1016/j.jstrokecerebrovasdis.2018.12.024

adjusting step test; beam test; cylinder test; Ischemic cerebral stroke; ketogenic diet; medium chain triglyceride; motor-behavior function

No. 342

Wang, Xiujuan; Ding, Shuang; Lu, Yanli; Jiao, Zhiqiang; Zhang, Lin; Zhang, Yan; Yang, Yongfeng; Zhang, Yujuan; Li, Wenqiang; Lv, Luxian

Effects of sodium nitroprusside in the acute dizocilpine (MK-801) animal model of schizophrenia

Brain Research Bulletin v. 147, 2019: p. 140-147

10.1016/j.brainresbull.2019.02.008

MK-801; Schizophrenia; Cognitive deficit; Sodium nitroprusside

No. 344

Cheng, Yin; Yeung, Wan Lung; Zhang, Ping De; Li, Ning; Kiang, Mei Yee; Leung, Gilberto K.K.

Progesterone Is More Effective Than Dexamethasone in Prolonging Overall Survival and Preserving Neurologic Function in Experimental Animals with Orthotopic Glioblastoma Allografts

World Neurosurgery v. 125, 2019: p. e497-e507

10.1016/j.wneu.2019.01.113

Progesterone; Survival; Dexamethasone; Functional outcome; Glioblastoma; Peritumoral edema

No. 345

Missault, Stephan; Anckaerts, Cynthia; Ahmadoun, Soumaya; Blockx, Ines; Barbier, Michaël; Bielen, Kenny; Shah, Disha; Kumar-Singh, Samir; De Vos, Winnok H.; Van der Linden, Annemie; Dedeurwaerdere, Stefanie; Verhoye, Marleen

Hypersynchronicity in the default mode-like network in a neurodevelopmental animal model with relevance for schizophrenia

Behavioural Brain Research v. 364 , 2019 : p. 303-316

10.1016/j.bbr.2019.02.040

MK-801; Biomarker; Autism spectrum disorder; Diffusion MRI; Prenatal immune activation

No. 347

Elzen, Boelie; Bos, Bram

The RIO approach: Design and anchoring of sustainable animal husbandry systems

Technological Forecasting and Social Change v. 145, 2019: p. 141-152

10.1016/j.techfore.2016.05.023

Anchoring of sustainable innovations; Animal husbandry; Reflexive Interactive Design (RIO); Sustainable design; Transition stimulation

No. 349

dos Santos, Bruna A.; Pereira, Guilherme L.; Bussiman, Fernando de O.; Paschoal, Victória R.; de Souza Júnior, Sérgio M.; Balieiro, Júlio César de C.; Chardulo, Luís Artur L.; Curi, Rogério A.

Genomic analysis of the population structure in horses of the Brazilian Mangalarga Marchador breed

Livestock Science v. 229, 2019: p. 49-55

10.1016/j.livsci.2019.09.010

SNP; Effective size; Linkage disequilibrium; Population structure

No. 351

Beckett, L.; Rosemond, R.; Renquist, B.; White, R.R.

Technical note: A muscle biopsy technique for stratifying cattle by skeletal muscle metabolic activity

Journal of Dairy Science v. 102, 2019: p. 3136-3141

10.3168/jds.2018-15118

skeletal muscle; bovine; metabolic activity

No. 346

Vishniakou, Ivan; Plöger, Paul G.; Seelig, Johannes D.

Virtual reality for animal navigation with camera-based optical flow tracking

Journal of Neuroscience Methods v. 327, 2019: p. 108403

10.1016/j.jneumeth.2019.108403

Ball tracking; Drosophila; Navigation; Optical flow; Real-time image processing; Spherical treadmill; Virtual reality

No. 348

Mota, Lucio F.M.; Costa, Leonardo S.; Garzón, Natalia A.M.; Passafaro, Tiago L.; Silva, Diogo O.; Abreu, Luiza R.A.; Verardo, Lucas L.; Bonafé, Cristina M.; Ventura, Henrique T.

Unraveling the effect of body structure score on phenotypic plasticity for body weight at different ages in Guzarat cattle

Livestock Science v. 229, 2019: p. 98-104

10.1016/j.livsci.2019.09.015

Animal sensitivity; Body structure; Genotype-environment interaction; Performance trait

No. 350

Taha, Ahmed; Ahmed, Eman; Hu, Tan; Xu, Xiaoyun; Pan, Siyi; Hu, Hao

Effects of different ionic strengths on the physicochemical properties of plant and animal proteins-stabilized emulsions fabricated using ultrasound emulsification

Ultrasonics Sonochemistry v. 58, 2019: p. 104627

10.1016/j.ultsonch.2019.104627

Particle size; Fluorescence microscopy; Sonication; Soybean; Surface charge; Thermal and freeze thaw stability

No. 352

Edwards, Peter; Zhang, Wenbo; Belton, Ben; Little, David C.

Misunderstandings, myths and mantras in aquaculture: Its contribution to world food supplies has been systematically over reported

Marine Policy v. 106, 2019: p. 103547

10.1016/j.marpol.2019.103547

Livestock; Food security; Aquaculture; Aquatic animal-source food; Fisheries; Terrestrial animal-source food

No. 353

Delgado, Juan D.; Durán Humia, Jorge; Rodríguez Pereiras, Alexandra; Rosal, Antonio; del Valle Palenzuela, María; Morelli, Federico; Arroyo Hernández, Natalia L.; Rodríguez Sánchez, Jesús

The spatial distribution of animal casualties within a road corridor: Implications for roadkill monitoring in the southern Iberian rangelands

Transportation Research Part D: Transport and Environment v. 67, 2019 : p. 119-130

10.1016/j.trd.2018.11.017

Wildlife; Casualty locations; Road profile; Roadkill; Seasonal variation; Traffic intensity; WVC

No. 355

Hristov, A.N.; Bannink, A.; Crompton, L.A.; Huhtanen, P.; Kreuzer, M.; McGee, M.; Nozière, P.; Reynolds, C.K.; Bayat, A.R.; Yáñez-Ruiz, D.R.; Dijkstra, J.; Kebreab, E.; Schwarm, A.; Shingfield, K.J.; Yu, Z.

Invited review: Nitrogen in ruminant nutrition: A review of measurement techniques

Journal of Dairy Science v. 102, 2019: p. 5811-5852

10.3168/jds.2018-15829

environment; manure; metabolism; nitrogen; ruminant animal; technique

No. 357

Rakgantsho, Cleopatra; Mabandla, Musa V.

Acetylcholine receptor agonist effect on seizure activity and GABAergic mechanisms involved in prolonged febrile seizure development in an animal model

Brain Research Bulletin v. 149, 2019: p. 203-207

10.1016/j.brainresbull.2019.04.022

GABA; Glutamate decarboxylase (GAD); Prolonged febrile seizures; α 7-nAChRs

No. 359

Wente, N.; Klocke, D.; Paduch, J.-H.; Zhang, Y.; Seeth, M. tho; Zoche-Golob, V.; Reinecke, F.; Mohr, E.; Krömker, V.

Associations between Streptococcus uberis strains from the animal environment and clinical bovine mastitis cases

Journal of Dairy Science v. 102, 2019: p. 9360-9369

10.3168/jds.2019-16669

epidemiology; environmental; mastitis; strain typing

No. 354

Shiomi, Masashi; Takeda, Hiroaki; Irino, Yasuhiro; Kimura, Norie; Yamada, Satoshi; Kuniyoshi, Nobue; Kikumori, Akio; Koike, Yu; Koike, Tomonari; Yoshida, Masaru; Izumi, Yoshihiro; Shinohara, Masakazu; Bamba, Takeshi; Ishida, Tatsuro

Identification of novel serum markers for the progression of coronary atherosclerosis in WHHLMI rabbits, an animal model of familial hypercholesterolemia

Atherosclerosis v. 284, 2019: p. 18-23

10.1016/j.atherosclerosis.2019.02.020

Coronary atherosclerosis; Lipidome analysis; Metabolome analysis; Serum marker; WHHLMI rabbit

No. 356

Su, Ai-shan; Zhang, Jun-wei; Zou, Jing

The anxiolytic-like effects of puerarin on an animal model of PTSD

Biomedicine & Pharmacotherapy v. 115, 2019: p. 108978

10.1016/j.biopha.2019.108978

Hypothalamic-pituitary-adrenal; Neurosteroid; Post traumatic stress disorder; Puerarin

No. 358

Liu, Xiao; Chen, Hui; Su, Guangbao; Song, Ping; Jiang, Miao; Gong, Jiening

An animal research and a chemical composition analysis of a Chinese prescription for pulmonary fibrosis: Yangfei Huoxue Decoction

Journal of Ethnopharmacology v. 245, 2019: p. 112126

10.1016/j.jep.2019.112126

Pulmonary fibrosis (PF); Structural characterization; UNIFI; UPLC/QTOF-MS; Yangfei huoxue decoction (YHD)

No. 360

Rozhnov, Sergey

The onset of the Ordovician evolutionary radiation of benthic animals in the Baltic Region: Explosive diversity of attachment structures of stalked echinoderms, substrate revolution and the role of cyanobacterial communities

Palaeoworld v. 28, 2019: p. 110-122

10.1016/j.palwor.2018.05.001

Baltica; Great Ordovician Biodiversification Event; Hardground; Holdfasts; Ordovician; Stemmed echinoderms

No. 361

de Oliveira Silva, Juliana; Fernandes, Renata Salgado; Ramos Oda, Caroline Mari; Ferreira, Tiago Hilário; Machado Botelho, Ana Flávia; Martins Melo, Marília; de Miranda, Marcelo Coutinho; Assis Gomes, Dawidson; Dantas Cassali, Geovanni; Townsend, Danyelle

Folate-coated, long-circulating and pH-sensitive liposomes enhance doxorubicin antitumor effect in a breast cancer animal model

Biomedicine & Pharmacotherapy v. 118 , 2019 : p. 109323

10.1016/j.biopha.2019.109323

Cardiotoxicity; Breast cancer; Doxorubicin; Folic acid; Long-circulating liposome; pH-Sensitive liposome

No. 363

Lei, Sicong; Shi, Yan; Qiu, Yuping; Che, Lei; Xue, Cong

Performance and mechanisms of emerging animal-derived biochars for immobilization of heavy metals

Science of The Total Environment v. 646, 2019: p. 1281-1289

10.1016/j.scitotenv.2018.07.374

Hydroxyapatite; Precipitation; Biochar; Ion exchange; Reduction

No. 365

Babinska, Anna; Clement, Cristina C.; Przygodzki, Tomasz; Talar, Marcin; Li, Yan; Braun, Marcin; Wzorek, Joanna; Swiatkowska, Maria; Ehrlich, Yigal H.; Kornecki, Elizabeth; Watala, Cezary; Salifu, Moro O.

A peptide antagonist of F11R/JAM-A reduces plaque formation and prolongs survival in an animal model of atherosclerosis

Atherosclerosis v. 284, 2019: p. 92-101

10.1016/j.atherosclerosis.2019.02.014

mice; Inflammation; Atherosclerosis; Endothelium; F11R; F11R/JAM-A; JAM-A; Peptide 4D; Platelet F11 receptor

No. 367

Klink-Lehmann, Jeanette; Langen, Nina

Illuminating the 'animal welfare' consumer via different elicitation techniques

Meat Science v. 157, 2019: p. 107861

10.1016/j.meatsci.2019.05.032

No. 362

Atwood-Blaine, Dana; Rule, Audrey C.; Walker, Jordan

Creative self-efficacy of children aged 9-14 in a science center using a situated Mobile game

Thinking Skills and Creativity v. 33, 2019: p. 100580

10.1016/j.tsc.2019.100580

Creativity; Gender differences; Creative self-efficacy; Elementary students; Location-Based game; Middle school students; Science center

No. 364

Zhang, Wen-Jin; Li, Peng-Hui; Zhao, Min-Cong; Gu, Yao-Hao; Dong, Chang-Zhi; Chen, Hui-Xiong; Du, Zhi-Yun

Synthesis and identification of quinoline derivatives as topoisomerase I inhibitors with potent antipsoriasis activity in an animal model

Bioorganic Chemistry v. 88, 2019: p. 102899

10.1016/j.bioorg.2019.03.073

Psoriasis; Imiquimod-induced inflammation; Proinflammatory markers; Quinoline derivatives; Topoisomerase I

No. 366

Nunes da Silva, Carolina; Nunes, Kênia Pedrosa; De Marco Almeida, Flávia; Silva Costa, Fábio Lucas; Borges, Perla Villani; Lacativa, Paulo; Pimenta, Adriano Monteiro C.; Elena de Lima, Maria

PnPP-19 Peptide Restores Erectile Function in Hypertensive and Diabetic Animals Through Intravenous and Topical Administration

The Journal of Sexual Medicine v. 16, 2019: p. 365-374

10.1016/j.jsxm.2019.01.004

Diabetes; Hypertension; Erectile Function/Dysfunction; Intravenous Administration; PnPP-19; Topical Administration

No. 368

Li, Xiaomin; Dong, Shujun; Wang, Peilong; Su, Xiaou; Fu, Jianjie

Polychlorinated biphenyls are still alarming persistent organic pollutants in marine-origin animal feed (fishmeal)

Chemosphere v. 233, 2019: p. 355-362

10.1016/j.chemosphere.2019.05.250

Fishmeal; Geographical distribution; Global; Polychlorinated biphenyls; Polychlorinated dibenzo--dioxins and furans; Time trends

No. 369

Torii, Shiho; Matsuno, Keita; Qiu, Yongjin; Mori-Kajihara, Akina; Kajihara, Masahiro; Nakao, Ryo; Nao, Naganori; Okazaki, Katsunori; Sashika, Mariko; Hiono, Takahiro; Okamatsu, Masatoshi; Sakoda, Yoshihiro; Ebihara, Hideki; Takada, Ayato; Sawa, Hirofumi

Infection of newly identified phleboviruses in ticks and wild animals in Hokkaido, Japan indicating tick-borne life cycles

Ticks and Tick-borne Diseases v. 10, 2019 : p. 328-335

10.1016/j.ttbdis.2018.11.012

Phlebovirus; Tick-borne virus

No. 371

Ramírez-Restrepo, Carlos A.; Vera, Raul R.; Rao, Idupulapati M.

Dynamics of animal performance, and estimation of carbon footprint of two breeding herds grazing native neotropical savannas in eastern Colombia

Agriculture, Ecosystems & Environment v. 281, 2019: p. 35-46

10.1016/j.agee.2019.05.004

Carbon footprint; Liveweight; Methane emissions; Orinoco basin; Reproductive performance; Soil emissions

No. 373

Milioli, Maria Vitoria Meller; Burger, Henrique; Olivieri, Rodrigo; Michels, Monique; Ávila, Pricila; Abatti, Mariane; Indalécio, Amanda; Ritter, Cristiane; Dal-Pizzol, Felipe

The impact of age on long-term behavioral and neurochemical parameters in an animal model of severe sepsis

Neuroscience Letters v. 708, 2019: p. 134339

10.1016/j.neulet.2019.134339

Aging; Brain inflammation; Sepsis; β -amyloid

No. 375

Alavi, Sayyed Mohammad Hadi; Cosson, Jacky

The special issue "Reproductive biology in male aquatic animals: From stem cells to sperm" is dedicated to Professor Masaaki MORISAWA

Theriogenology v. 136, 2019: p. 7-9

10.1016/j.theriogenology.2019.06.010

No. 370

Basting, Rosanna Tarkany; Spindola, Humberto Moreira; Sousa, Ilza Maria de Oliveira; Queiroz, Nubia de Cassia Almeida; Trigo, José Roberto; de Carvalho, João Ernesto; Foglio, Mary Ann

Pterodon pubescens and Cordia verbenacea association promotes a synergistic response in antinociceptive model and improves the anti-inflammatory results in animal models

Biomedicine & Pharmacotherapy v. 112, 2019: p. 108693

10.1016/j.biopha.2019.108693

Anti-inflammatory; Antinociceptive; Natural products; Synergism

No. 372

Chang, Chih-Ling; Kao, Tsai-Hua

Antibesity effect of brewer's yeast biomass in animal model

Journal of Functional Foods v. 55, 2019: p. 255-262

10.1016/j.jff.2019.02.027

Antibesity; Brewer's yeast biomass; Hopbitter acids; Prenylflavonoids

No. 374

Colominas, Lúcia; Antolín, Ferran; Ferrer, Marc; Castanyer, Pere; Tremoleda, Joaquim

From Vilauba to Vila Alba: Changes and continuities in animal and crop husbandry practices from the Early Roman to the beginning of the Middle Ages in the north-east of the Iberian Peninsula

Quaternary International v. 499, 2019: p. 67-79

10.1016/j.quaint.2017.12.034

Archaeozoology; Herd management; Archaeobotany; Late antiquity; Visigoth kingdom

No. 376

Zhang, Li-Bo; He, Min

Effect of mesenchymal stromal (stem) cell (MSC) transplantation in asthmatic animal models: A systematic review and meta-analysis

Pulmonary Pharmacology & Therapeutics v. 54, 2019: p. 39-52

10.1016/j.pupt.2018.11.007

Systematic review; Asthma; Mesenchymal stromal (stem) cell (MSC); Meta-Analysis

No. 377

Marques, Júlia A.; Del Valle, Tiago A.; Ghizzi, Lucas G.; Zilio, Elissandra M.C.; Gheller, Larissa S.; Nunes, Alanne T.; Silva, Tássia B.P.; Dias, Mauro S. da S.; Grigoletto, Nathália T.S.; Koontz, Anne F.; da Silva, Guilherme G.; Rennó, Francisco P.

Increasing dietary levels of docosahexaenoic acid-rich microalgae: Ruminal fermentation, animal performance, and milk fatty acid profile of mid-lactating dairy cows

Journal of Dairy Science v. 102 , 2019 : p. 5054-5065
10.3168/jds.2018-16017

digestibility; n-3; polyunsaturated fatty acid; sp.

No. 379

Gilhofer, Elisabeth Marianne; Windschnurer, Ines; Troxler, Josef; Heizmann, Veronika

Welfare of feral cats and potential influencing factors

Journal of Veterinary Behavior v. 30, 2019: p. 114-123
10.1016/j.jveb.2018.12.012

animal welfare; environment; colony cats; health status; human-animal relationship; stray cats

No. 381

Vila-Donat, Pilar; Marín, Sonia; Sanchis, Vicente; Ramos, Antonio J.

New mycotoxin adsorbents based on tri-octahedral bentonites for animal feed

Animal Feed Science and Technology v. 255, 2019: p. 114228
10.1016/j.anifeedsci.2019.114228

Animal feed; Adsorption isotherms; Aflatoxin B; Bentonite; Decontamination; Ochratoxin A

No. 383

Zhao, Kelei; Ma, Jinnan; Wang, Xinrong; Guo, Yidong; Yue, Bisong; Chu, Yiwen

Population divergence of *Pseudomonas aeruginosa* can lead to the coexistence with *Escherichia coli* in animal suppurative lesions

Veterinary Microbiology v. 231, 2019: p. 169-176
10.1016/j.vetmic.2019.03.014

Evolution; Mutation; Coexistence; Forest musk deer; Purulent disease; Quorum-sensing

No. 378

Khan, Rajwali; Raza, Sayad Haidar Abbas; Schreurs, Nicola; Xiaoyu, Wang; Hongbao, Wang; Ullah, Irfan; Rahman, Abdur; Suhail, Syed Muhammad; Khan, Sarzamin; Linsen, Zan

Bioinformatics analysis and transcriptional regulation of TORC1 gene through transcription factors NRF1 and Smad3 in bovine preadipocytes
Genomics v. , 2019: p.

10.1016/j.ygeno.2019.09.007

Promoter; Adipogenesis; CRTCL1; Luciferase assay; Transcription factors

No. 380

Larson, Larry L.; Larson, P.A.

Animal Track Accumulation on Streambanks of Four Eastern Oregon Streams

Rangeland Ecology & Management v. , 2019: p.
10.1016/j.rama.2019.11.007

bank alteration; riparian; sequential; systematic; tracks

No. 382

Hohl, Simon V.; Jiang, Shao-Yong; Wei, Hai-Zhen; Pi, Dao-Hui; Liu, Qian; Viehmann, Sebastian; Galer, Stephen J.G.

Cd isotopes trace periodic (bio)geochemical metal cycling at the verge of the Cambrian animal evolution

Geochimica et Cosmochimica Acta v. 263, 2019: p. 195-214
10.1016/j.gca.2019.07.036

Biogeochemical metal cycling; Cambrian explosion; Cd isotopes; Paleoproductivity

No. 384

Rizvi, Syed Zaki Husain; Shah, Fawad Ali; Khan, Namrah; Muhammad, Iftikhar; Ali, Khan Hashim; Ansari, Muhammad Mohsin; Din, Fakhar ud; Qureshi, Omer Salman; Kim, Kyoung-Won; Choe, Yeong-Hwan; Kim, Jin-Ki; Zeb, Alam

Simvastatin-loaded solid lipid nanoparticles for enhanced anti-hyperlipidemic activity in hyperlipidemia animal model

International Journal of Pharmaceutics v. 560, 2019: p. 136-143
10.1016/j.ijpharm.2019.02.002

HMG-CoA reductase; Hyperlipidemia; Improved therapeutic efficiency; Simvastatin; Solid lipid nanoparticles; Sustained release

No. 385

Alavi, Sayyed Mohammad Hadi; Cosson, Jacky

Reproductive biology in male aquatic animals: From stem cells to sperm – foreword

Theriogenology v. 138, 2019 : p. 152-153

10.1016/j.theriogenology.2019.07.015

No. 387

Jonker, A.; MacLean, S.; Woyimo Woju, C.; Garcia Rendon Calzada, M.; Yu, W.; Molano, G.; Hickey, S.; Pinares-Patiño, C.S.; McEwan, J.C.; Janssen, P.H.; Sandoval, E.; Lewis, S.; Rowe, S.

Excreta emissions in progeny of low and high enteric methane yield selection line sheep fed pasture of different qualities

Animal Feed Science and Technology v. 257, 2019: p. 114289

10.1016/j.anifeedsci.2019.114289

Nitrous oxide; Animal variation; Breeding value; Greenhouse gas; Repeatability; Urine

No. 389

He, Chunbo; Lv, Xiangmin; Huang, Cong; Angeletti, Peter C.; Hua, Guohua; Dong, Jixin; Zhou, Jin; Wang, Zhengfeng; Ma, Bowen; Chen, Xingcheng; Lambert, Paul F.; Rueda, Bo R.; Davis, John S.; Wang, Cheng

A Human Papillomavirus-Independent Cervical Cancer Animal Model Reveals Unconventional Mechanisms of Cervical Carcinogenesis

Cell Reports v. 26, 2019: p. 2636-2650.e5

10.1016/j.celrep.2019.02.004

cervical cancer mouse model; cervical carcinogenesis; Hippo pathway; HPV infection; HPV receptor molecules; innate immunity; interferon-stimulated genes; molecular mechanism; type I interferon; YAP1 oncogene

No. 391

Alves de Paula, Renata; Cruz Aleixo, Amanda Sarita; Peternelli da Silva, Leticia; Grandi, Marina Cecília; Tsunemi, Miriam Harumi; Lourenço, Maria Lucia Gomes; Chiacchio, Simone Biagio

A test of the effects of the equine maternal pheromone on the clinical and ethological parameters of equines undergoing hoof trimming

Journal of Veterinary Behavior v. 31, 2019: p. 28-35

10.1016/j.jveb.2019.01.005

animal well-being; behavior; hoof trimming; HRV; pheromone therapy

No. 386

Xing, Wenyu; Deng, Na; Xin, Binjie; Chen, Yang; Zhang, Zhengye

Investigation of a novel automatic micro image-based method for the recognition of animal fibers based on Wavelet and Markov Random Field

Micron v. 119, 2019: p. 88-97

10.1016/j.micron.2019.01.009

Fiber recognition; GMRF; Micro image; SVM; Wavelet decomposition

No. 388

Chang, Ya-Shiou; Stromer, Marvin H; Chou, Rong-Ghi R

Effect of age on calpain changes in postmortem goose muscle

Poultry Science v. 98, 2019: p. 6131-6137

10.3382/ps/pez263

calpain; goose muscle; postmortem proteolysis; tenderization

No. 390

Polishchuk, Elena V.; Merolla, Assunta; Lichtmanegger, Josef; Romano, Alessia; Indrieri, Alessia; Ilyechova, Ekaterina Y.; Concilli, Mafalda; De Cegli, Rossella; Crispino, Roberta; Mariniello, Marta; Petruzzelli, Raffaella; Ranucci, Giusy; Iorio, Raffael

Activation of Autophagy, Observed in Liver Tissues From Patients With Wilson Disease and From ATP7B-Deficient Animals, Protects Hepatocytes From Copper-Induced Apoptosis

Gastroenterology v. 156, 2019: p. 1173-1189.e5

10.1053/j.gastro.2018.11.032

Copper; Copper Homeostasis; Metal Toxicity; Mitophagy

No. 392

Strzelewicz, Arielle R.; Ordoñez Sanchez, Evelyn; Rondón-Ortiz, Alejandro N.; Raneri, Anthony; Famularo, Sydney T.; Bangasser, Debra A.; Kentner, Amanda C.

Access to a high resource environment protects against accelerated maturation following early life stress: A translational animal model of high, medium and low security settings

Hormones and Behavior v. 111, 2019: p. 46-59

10.1016/j.yhbeh.2019.01.003

Environmental enrichment; Animal models; Early life stress; Kisspeptin; Limited bedding; Maternal care; Precocious puberty; Social economic status; Western diet

No. 393

Detka, Jan; Ślusarczyk, Joanna; Kurek, Anna; Kucharczyk, Mateusz; Adamus, Tomasz; Konieczny, Paweł; Kubera, Marta; Basta-Kaim, Agnieszka; Lasoń, Władysław; Budziszewska, Bogusława

Hypothalamic insulin and glucagon-like peptide-1 levels in an animal model of depression and their effect on corticotropin-releasing hormone promoter gene activity in a hypothalamic cell line

Pharmacological Reports v. 71, 2019 : p. 338-346

10.1016/j.pharep.2018.11.001

Depression; Corticotropin-releasing hormone; Glucagon-like peptide-1; Hypothalamus; Insulin; mHypoA-2/12

No. 395

Wu, Hang; Wu, Zhi-gang; Shi, Wen-jing; Gao, Hui; Wu, Hong-hai; Bian, Fang; Jia, Peng-peng; Hou, Yan-ning

Effects of progesterone on glucose uptake in neurons of Alzheimer's disease animals and cell models

Life Sciences v. 238, 2019: p. 116979

10.1016/j.lfs.2019.116979

Progesterone; Alzheimer's disease; Glucose uptake; GLUT3; GLUT4; PGRMC1

No. 397

Hassan, Said; Ahmad, Bashir; Khan, Shahid Ullah; Linfang, Huang; Anjum, Syed Ishtiaq; Ansari, Muhammad Javed; Rahman, Khaista; Ahmad, Iftikhar; Khan, Wasim Ullah; Qamar, Rabia; Man, Shad; Nabi, Ghulam; Shah, Ayesha Haleem

In vivo pharmacological investigation of *Monothea buxifolia* and *Bosea amherstiana* using animal models

Saudi Journal of Biological Sciences v. 26, 2019: p. 1602-1606

10.1016/j.sjbs.2018.10.008

Analgesic; Antipyretic; Sedative

No. 399

Zavodny, Emily; McClure, Sarah B.; Welker, Martin H.; Culleton, Brendan J.; Balen, Jacqueline; Kennett, Douglas J.

Scaling up: Stable isotope evidence for the intensification of animal husbandry in Bronze-Iron Age Lika, Croatia

Journal of Archaeological Science: Reports v. 23, 2019: p. 1055-1065

10.1016/j.jasrep.2018.10.008

No. 394

Oguntibeju, O.O.; Aboua, G.Y.; Omodanisi, E.I.

Effects of *Moringa oleifera* on oxidative stress, apoptotic and inflammatory biomarkers in streptozotocin-induced diabetic animal model

South African Journal of Botany v. , 2019: p.

10.1016/j.sajb.2019.08.039

Antioxidant; Diabetes; Anti-inflammatory; Apoptotic; Methanol extract; Phytochemical; Streptozotocin

No. 396

Ghorbel, Mohamed T.; Jia, Huidong; Swim, Megan M.; Iacobazzi, Dominga; Albertario, Ambra; Zebele, Carlo; Holopherne-Doran, Delphine; Hollander, Anthony; Madeddu, Paolo; Caputo, Massimo

Reconstruction of the pulmonary artery by a novel biodegradable conduit engineered with perinatal stem cell-derived vascular smooth muscle cells enables physiological vascular growth in a large animal model of congenital heart disease

Biomaterials v. 217, 2019: p. 119284

10.1016/j.biomaterials.2019.119284

Stem cells; Congenital heart disease; Grafts; Tissue-engineering

No. 398

Keseroglu, B.B.; Ozgur, B.C.; Surer, H.; Ogus, E.; Hucemenoglu, S.; Ozer, E.; Agras, K.; Yuceturk, C.N.; Karakan, T.

Which agent should be used to reduce ischemia-reperfusion injury after testicular torsion: a comparative animal experiment

Journal of Pediatric Urology v. 15, 2019: p. 607.e1-607.e7

10.1016/j.jpuro.2019.06.005

Experimental rat model; Ibuprofen; Metamizol; Paracetamol; Testis

No. 400

Wainwright, Warwick; Glenk, Klaus; Akaichi, Faical; Moran, Dominic

Conservation contracts for supplying Farm Animal Genetic Resources (FAnGR) conservation services in Romania

Livestock Science v. 224, 2019: p. 1-9

10.1016/j.livsci.2019.03.016

Agri-environmental schemes; Choice experiment; Conservation contracts; Farm Animal Genetic Resources

No. 401

de Boyer des Roches, Alice; Lardy, Romain; Capdeville, Jacques; Mounier, Luc; Veissier, Isabelle

Do International Commission of Agricultural and Biosystems Engineering (CIGR) dimension recommendations for loose housing of cows improve animal welfare?

Journal of Dairy Science v. 102 , 2019 : p. 10235-10249

10.3168/jds.2018-16154

dairy cow; cow welfare; equipment dimensions; loose housing

No. 403

Claus, Luís Afonso Marques; Barca Junior, Flávio Antônio; Koetz Junior, Celso; Pereira, Gabriel Ribas; Fávaro, Patrícia da Cruz; Galdioli, Victor Hugo Gonçalves; Seneda, Marcelo Marcondes; Ribeiro, Edson Luís de Azambuja

Scrotal skin thickness, testicular shape and vascular perfusion using Doppler ultrasonography in bulls

Livestock Science v. 226, 2019: p. 61-65

10.1016/j.livsci.2019.06.005

Bull; Hemodynamic; Skin thickness; Testicular blood flow velocity; Thermotolerance

No. 405

Cui, Shusen; Li, Kai; Xu, Mingzhu; Yu, Wei

Effect of Renuorrhaphy of Distal Coaptation on Nerve Regeneration After Nerve Grafting: Animal Experimental Study

World Neurosurgery v. 122, 2019: p. e1365-e1373

10.1016/j.wneu.2018.11.049

Nerve grafting; Nerve regeneration; Peripheral nerve

No. 407

Avraham, Yosefa; Berry, Elliot M; Donskoy, Marina; Ahmad, Wiessam Abu; Vorobiev, Lia; Albeck, Amnon; Mankuta, David

Beta-carotene as a novel therapy for the treatment of "Autistic like behavior" in animal models of Autism

Behavioural Brain Research v. 364, 2019: p. 469-479

10.1016/j.bbr.2017.09.041

Animal models; BDNF; Oxytocin; Autism; Behavioral studies; Beta-carotene; Brain; CD38; Retinoic acid receptor

No. 402

Perales-Puchalt, Alfredo; Wojtak, Krzysztof; Duperret, Elizabeth K.; Yang, Xue; Slager, Anna M.; Yan, Jian; Muthumani, Kar; Montaner, Luis J.; Weiner, David B.

Engineered DNA Vaccination against Follicle-Stimulating Hormone Receptor Delays Ovarian Cancer Progression in Animal Models

Molecular Therapy v. 27, 2019: p. 314-325

10.1016/j.ymthe.2018.11.014

cancer vaccine; DNA vaccine; follicle-stimulating hormone receptor; immunotherapy; ovarian cancer

No. 404

Nejat, Farhad; Nabavi, Nazanin-Sadat; Nejat, Mohammad-Amin; Aghamollaei, Hossein; Jadidi, Khosrow

Safety evaluation of the plasma on ocular surface tissue: An animal study and histopathological findings

Clinical Plasma Medicine v. 14, 2019: p. 100084

10.1016/j.cpme.2019.100084

Safety; Ocular surface; Plasma; Plexr device

No. 406

Marchiori, Cíntia Maria; Pereira, Guilherme L.; Maiorano, Amanda M.; Rogatto, Gabriel M.; Assoni, Amanda D.; Augusto II V. Silva, Josineudson; Chardulo, Luís Artur L.; Curi, Rogério A.

Linkage disequilibrium and population structure characterization in the cutting and racing lines of Quarter Horses bred in Brazil

Livestock Science v. 219, 2019: p. 45-51

10.1016/j.livsci.2018.11.013

Horse; Effective size; DNA polymorphism; Molecular marker; SNP array

No. 408

Rohilla, Suman; Bansal, Ranju; Kachler, Sonja; Klotz, Karl-Norbert

Synthesis, biological evaluation and molecular modelling studies of 1,3,7,8-tetrasubstituted xanthines as potent and selective A2A AR ligands with in vivo efficacy against animal model of Parkinson's disease

Bioorganic Chemistry v. 87, 2019: p. 601-612

10.1016/j.bioorg.2019.03.032

Adenosine receptor; Docking studies; Parkinson's disease; Xanthine

No. 409

Saraiva, Mauro M.S.; Moreira Filho, Alexandre L.B.; Vasconcelos, Priscylla C.; Nascimento, Pavlos V.; Azevedo, Paulo Sergio; Freitas Neto, Oliveira C.; Givisiez, Patrícia E.N.; Gebreyes, Wondwossen A.; Oliveira, Celso J.B.

Chemical treatment of poultry litter affects the conjugation of plasmid-mediated extended-spectrum beta-lactamase resistance genes in *E. coli*

Journal of Applied Poultry Research v. , 2019 : p.

10.1016/j.japr.2019.10.006

poultry; cane bagasse; mobile ESBL genes; plasmid transfer; wood shavings

No. 411

Kovács, L.; Kézér, F.L.; Póti, P.; Jurkovich, V.; Szenci, O.; Nagy, K.

Short communication: Heart rate variability, step, and rumination behavior of dairy cows milked in a rotary milking system

Journal of Dairy Science v. 102, 2019: p. 5525-5529

10.3168/jds.2018-15842

dairy cow; heart rate variability; rotary milking parlor; rumination behavior; step behavior

No. 413

Mourya, Devendra T.; Yadav, Pragya D.; Nyayanit, Dimpal A.; Majumdar, Triparna D.; Jain, Shilpi; Sarkale, Prasad; Shete, Anita

Characterization of a strain of quaranfil virus isolated from soft ticks in India. Is quaranfil virus an unrecognized cause of disease in human and animals?"

Heliyon v. 5, 2019: p. e01368

10.1016/j.heliyon.2019.e01368

Virology; Bioinformatics

No. 415

de Castro Ferreira Lima, Mayra; Bornhousen Cardoso de Araújo, Juliana; Paes, Antonio Carlos; Gianfrancesco Filippi, Mauricio; Cruz-Aleixo, Amanda Sarita; Kiomi Takahira, Regina; Gomes Lourenço, Maria Lucia

Conventional and Holter Electrocardiographic Assessment of Dogs Infected Naturally With Acute Canine Monocytic Ehrlichiosis

Topics in Companion Animal Medicine v. 35, 2019: p. 31-37

10.1053/j.tcam.2019.03.005

dogs; heart rate variability; autonomic tonus; myocarditis

No. 410

Perry, George A.; Walker, Julie A.; Rich, Jerica J.J.; Northrop, Emmalee J.; Perkins, Stephanie D.; Beck, Erin E.; Sandbulte, Merlyn D.; Mokry, Fabiana B.

Influence of Sexcel™ (gender ablation technology) gender-ablated semen in fixed-time artificial insemination of beef cows and heifers

Theriogenology v. , 2019: p.

10.1016/j.theriogenology.2019.11.030

Conception rates; Fixed-time AI; Gender-ablated semen

No. 412

Bradford, H.L.; Masuda, Y.; VanRaden, P.M.; Legarra, A.; Misztal, I.

Modeling missing pedigree in single-step genomic BLUP

Journal of Dairy Science v. 102, 2019: p. 2336-2346

10.3168/jds.2018-15434

genetic group; metafounder; single-step genomic BLUP (ssGBLUP); unknown parent group

No. 414

dos S. Silva, A.P.; Zotti, C.A.; Carvalho, R.F.; Corte, R.R.; Cônsolo, N.R.B.; da L. e Silva, S.; Leme, P.R.

Effect of replacing antibiotics with functional oils following an abrupt transition to high-concentrate diets on performance and carcass traits of Nellore cattle

Animal Feed Science and Technology v. 247, 2019: p. 53-62

10.1016/j.anifeedsci.2018.10.015

Meat quality; Abrupt transition; Fatty acid profile; Rumen additives; Rumen papillae

No. 416

Francisco, Alexandra E.; Janíček, Martin; Dentinho, Teresa; Portugal, Ana P.V.; Almeida, João M.; Alves, Susana P.; Fialho, Letícia; Jerónimo, Eliana; Bessa, Rui J.B.; Santos-Silva, José

Effects of alfalfa particle size and starch content in diets on feeding behaviour, intake, rumen parameters, animal performance and meat quality of growing lambs

Meat Science v. 161, 2020: p. 107964

10.1016/j.meatsci.2019.107964

Rumen; Lambs; Meat quality; Fatty acids; Agro-industrial by-products; Forage particle size

No. 417

Pinheiro, Luane Lopes; de Lima, Ana Rita; Martins, Danielli Martinelli; de Oliveira, Edivaldo Herculano C.; Souza, Michel Platini C.; de Carvalho Miranda, Carla Maria Figueiredo; Baleeiro Beltrão-Braga, Patrícia Cristina; Russo, Fabiele Baldino; Pignatari

Mesenchymal stem cells in dogs with demyelinating leukoencephalitis as an experimental model of multiple sclerosis

Heliyon v. 5, 2019 : p. e01857
10.1016/j.heliyon.2019.e01857

Neuroscience; Cell biology; Canine distemper; Demyelination; Mesenchymal stem cells; Multiple sclerosis

No. 419

Jabeen, Rida; Ahmed, Rashid; Sajjad, Muhammad; Rashid, H.M. Kashif; Khan, Abid

Circular strongly partially-balanced repeated measurement designs in periods of two different sizes using method of cyclic shifts (Rule II)

Journal of King Saud University - Science v. 31, 2019: p. 519-524
10.1016/j.jksus.2019.02.002

Balanced repeated measurement designs; Circular strongly partially-balanced repeated measurement designs; Repeated measurement designs; Strongly balanced repeated measurement designs

No. 421

Mohammadi, Y.; Mokhtari, M.S.; Saghi, D.A.; Shahdadi, A.R.

Modeling the growth curve in Kordi sheep: The comparison of non-linear models and estimation of genetic parameters for the growth curve traits

Small Ruminant Research v. 177, 2019: p. 117-123
10.1016/j.smallrumres.2019.06.012

Sheep; Bayesian approach; Growth trajectory; Non-linear model fitting

No. 423

Fragomeni, B.; Masuda, Y.; Bradford, H.L.; Lourenco, D.A.L.; Misztal, I.

International bull evaluations by genomic BLUP with a prediction population

Journal of Dairy Science v. 102, 2019: p. 2330-2335
10.3168/jds.2018-15554

multiple-country evaluation; single nucleotide polymorphism effect; single nucleotide polymorphism multiple across-country evaluation; single-step approach

No. 418

Santana, Miguel Henrique de Almeida; Polizel, Guilherme Henrique Gebim; Grigoletto, Lais; Fernandes, Arícia Christofaro; Bonin, Marina de Nadei; Gomes, Rodrigo da Costa; Carvalho, Minos Esperândio; Silva, Saulo da Luz e; Leme, Paulo Roberto; Junior, Paulo

The genetic and genomic effects of Nellore lineages on feed efficiency, intake and performance

Livestock Science v. 228, 2019: p. 104-108
10.1016/j.livsci.2019.08.003

Selection; Residual feed intake; Founders; Genetic value; Genomic

No. 420

Abreu, L.R.A.; Martins, P.G.M.A.; Ribeiro, V.M.P.; Gouveia, G.C.; Moraes, G.F.

Genetic association between residual feed intake and carcass traits in a herd of Nellore beef cattle

Livestock Science v. 225, 2019: p. 53-61
10.1016/j.livsci.2019.04.020

Ultrasound; Meat quality; Feed efficiency; Bos indicus; Genetic trend

No. 422

Otto, Pamela I.; Guimarães, Simone E.F.; Verardo, Lucas L.; Azevedo, Ana Luísa S.; Vandenplas, Jeremie; Sevillano, Claudia A.; Marques, Daniele B.D.; Pires, Maria de Fatima A.; de Freitas, Célio; Verneque, Rui S.; Martins, Marta Fonseca; Panetto, João Clá

Genome-wide association studies for heat stress response in Bos taurus × Bos indicus crossbred cattle

Journal of Dairy Science v. 102, 2019: p. 8148-8158
10.3168/jds.2018-15305

crossbred cattle; gene network; heat stress; post-GWAS analyses

No. 424

Xi, Yu; Shuling, Niu; Kunyuan, Tie; Qiuyang, Zhang; Hewen, Deng; ChenCheng, Gao; Tianhe, Yu; Liancheng, Lei; Xin, Feng

Characteristics of the intestinal flora of specific pathogen free chickens with age

Microbial Pathogenesis v. 132, 2019: p. 325-334
10.1016/j.micpath.2019.05.014

16S rRNA sequencing; Cecal microflora; Microbial diversity; SPF chickens

No. 425

Pulido, Miguel A.; Estévez-Moreno, Laura X.; Villarroel, Morris; Mariezcurrena-Berasain, María A.; Miranda-De la Lama, Genaro C.

Transporters knowledge toward preslaughter logistic chain and occupational risks in Mexico: An integrative view with implications on sheep welfare

Journal of Veterinary Behavior v. 33 , 2019 : p. 114-120

10.1016/j.jveb.2019.07.001

logistic chain; Mexico; occupational risks; one-welfare; sheep transporters'

No. 427

Hong, Chih-Kai; Yeh, Ming-Long; Chang, Chih-Hsun; Chiang, Florence L.; Jou, I-Ming; Wang, Ping-Hui; Su, Wei-Ren

Comparison of changes in shoulder functions between biceps tenotomy and tenodesis in an animal model

Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology v. 15, 2019: p. 17-22

10.1016/j.asmart.2018.11.001

Functional outcome; Asymmetric index; Gait analysis; Long head of biceps tendon; Tenodesis; Tenotomy

No. 429

Fankem, Gaëtan Olivier; Fokam Tagne, Michel Archange; Noubissi, Paul Aimé; Foyet Fondjo, Angèle; Kamtchouing, Idrice; Ngwewondo, Adela; Wambe, Henri; Ngakou Mukam, Joseph; Kamgang, René

Antioxidant activity of dichloromethane fraction of *Dichrocephala integrifolia* in *Salmonella typhi*-infected rats

Journal of Integrative Medicine v. 17, 2019: p. 438-445

10.1016/j.joim.2019.09.005

Hematology; Antioxidant stress; Typhoid fever

No. 431

Kanaji, Yu; Gerrodette, Tim

Estimating abundance of Risso's dolphins using a hierarchical Bayesian habitat model: A framework for monitoring stocks of animals inhabiting a dynamic ocean environment

Deep Sea Research Part II: Topical Studies in Oceanography v. , 2019: p. 104699

10.1016/j.dsr2.2019.104699

Delphinids; Distance sampling; Hierarchical modelling; Kuroshio; Species distribution model (SDM); Western North Pacific

No. 426

Park, Mijeong; Mazalo, Jessica; Di Girolamo, Nick

Insulin-like growth factor binding protein-7: A marker of conjunctivalization in an animal model of limbal stem cell deficiency

The Ocular Surface v. 17, 2019: p. 447-457

10.1016/j.jtos.2019.05.005

Conjunctivalization; Cornea; Epithelium; IGFBP-7; Impression cytology; Limbal stem cell deficiency; Limbal stem cells; Pterygium

No. 428

Castro, M.M.D.; Silva, A.L.; Costa e Silva, L.F.; Rotta, P.P.; Engle, T.E.; Marcondes, M.I.

Determination of macromineral requirements for preweaned dairy calves in tropical conditions

Journal of Dairy Science v. 102, 2019: p. 2973-2984

10.3168/jds.2018-15166

growth; maintenance; mineral; retention coefficient

No. 430

Lin, Yung-Shuen; Lin, Yu-Fen; Chen, Kao Chin; Yang, Yen Kuang; Hsiao, Ya-Hsin

Collapsin response mediator protein 5 (CRMP5) causes social deficits and accelerates memory loss in an animal model of Alzheimer's disease

Neuropharmacology v. 157, 2019: p. 107673

10.1016/j.neuropharm.2019.107673

Alzheimer's disease; 3xTg-AD mice; CRMP5; Memory impairment; social deficits

No. 432

Vasques, Isabela C.F.; Souza, André A.; Morais, Everton G.; Benevenuto, Pedro A.N.; Silva, Lucas de C.M. da; Homem, Bruno G.C.; Casagrande, Daniel R.; Silva, Bruno M.

Improved management increases carrying capacity of Brazilian pastures

Agriculture, Ecosystems & Environment v. 282, 2019: p. 30-39

10.1016/j.agee.2019.05.017

Hydraulic conductivity; Porosity; S index; Water retention

No. 433

Soares de Carvalho, Júlia Gleyci; Tonizza de Carvalho, Nelcio Antonio; Souza, Diego Cavalcante de; Martins Júnior, Benedicto; Macedo, Gustavo Guerino; Vieira, Lais Mendes; Sales, José Nelio de Sousa; Ghuman, Sarvpreet Singh; D'Occhio, Michael John; Baruse

Administration of PGF2 α during the periovulatory period increased fertilization rate in superovulated buffaloes

Theriogenology v. , 2019 : p.
10.1016/j.theriogenology.2019.11.010

Superovulation; Buffalo; Embryos; Prostaglandin

No. 435

Jacquier, V.; Nelson, A.; Jlali, M.; Rhayat, L.; Brinch, K.S.; Devillard, E.

Bacillus subtilis 29784 induces a shift in broiler gut microbiome toward butyrate-producing bacteria and improves intestinal histomorphology and animal performance

Poultry Science v. 98, 2019: p. 2548-2554

10.3382/ps/pey602

broiler; butyrate; gut health; microbiota

No. 437

Lima Montelli, Natália Ludmila Lins; Almeida, Amélia Katiane de; Ribeiro, Carolina Resende de Freitas; Grobe, Morgana Dayane; Abrantes, Melina Aparecida Felipe; Lemos, Guilherme Silva; Furusho Garcia, Iraides Ferreira; Pereira, Idalmo Garcia

Performance, feeding behavior and digestibility of nutrients in lambs with divergent efficiency traits

Small Ruminant Research v. 180, 2019: p. 50-56

10.1016/j.smallrumres.2019.07.016

Performance; Nutrients; Feed; Rumination

No. 439

Rahman, Syed Obaidur; Panda, Bibhu Prasad; Parvez, Suhel; Kaundal, Madhu; Hussain, Salman; Akhtar, Mohd.; Najmi, Abul Kalam

Neuroprotective role of astaxanthin in hippocampal insulin resistance induced by A β peptides in animal model of Alzheimer's disease

Biomedicine & Pharmacotherapy v. 110, 2019: p. 47-58

10.1016/j.biopha.2018.11.043

Alzheimer's disease; Astaxanthin; A β (1-42) peptides; Insulin receptor substarte-1; Neuronal insulin resistance; Type-3 diabetes

No. 434

Ahmed, Ahmed; Yousif, Hayder; Kays, Roland; He, Zhihai

Semantic region of interest and species classification in the deep neural network feature domain

Ecological Informatics v. 52, 2019: p. 57-68

10.1016/j.ecoinf.2019.05.006

Animal species classification; Deep neural networks; Graph cut; Semantic regions

No. 436

Carvalho, Thatijanne S.G.; Saad, Carlos E.P.; Alvarenga, Renata R.; Oliveira, Erika A.; Carvalho, Mariana C.S.; Ramos, Luiz G.S.; Ferreira, Lívia G.; Gonçalves, Tarcísio M.; Costa, Diego V.; Zangeronimo, Márcio G.

Inclusion of Madagascar cockroach (Gromphadorhina portentosa) meal in the diet of cockatiels (Nymphicus hollandicus) in captivity: Influences on offspring development

Research in Veterinary Science v. 126, 2019: p. 89-93

10.1016/j.rvsc.2019.08.016

Nutrition; Chicks; Cockatoo; Growth curve; Psittacid

No. 438

Kovács, L.; Kézér, F.L.; Póti, P.; Boros, N.; Nagy, K.

Short communication: Upper critical temperature-humidity index for dairy calves based on physiological stress parameters

Journal of Dairy Science v. , 2019: p.

10.3168/jds.2019-17459

heat stress; dairy calves; upper critical temperature-humidity index

No. 440

Porcier, Stéphanie M.; Berruyer, Camille; Pasquali, Stéphane; Ikram, Salima; Berthet, Didier; Tafforeau, Paul

Wild crocodiles hunted to make mummies in Roman Egypt: Evidence from synchrotron imaging

Journal of Archaeological Science v. 110, 2019: p. 105009

10.1016/j.jas.2019.105009

Environment; Ancient Egypt; Animal mummy; Crocodile; Hunting; Roman period; Synchrotron tomography

No. 441

Araujo, R S; Oliveira, A C; Sousa, F C B; Dourado, L R B; Guimarães, S E F; Silva, W; Biagiotti, D; Bayão, G F V; Sousa, K R S

Effects of cottonseed oil and ferrous sulfate on the performance and expression of antioxidant enzymes in broilers

Poultry Science v. 98 , 2019 : p. 3860-3869
10.3382/ps/pez103

gossypol; intestine; nutrigenomic; ROS; weight gain

No. 442

Butterworth, K.T.

Evolution of the Supermodel: Progress in Modelling Radiotherapy Response in Mice

Clinical Oncology v. 31, 2019: p. 272-282
10.1016/j.clon.2019.02.008

Mouse models; preclinical models; radiobiology; small animal radiotherapy

No. 443

Campos, Caio A.; Lima, Bruno S.; Trindade, Gabriela G.G.; Souza, Eloísa P.B.S.S.; Mota, Débora S.A.; Heimfarth, Luana; Quintans, Jullyana S.S.; Quintans-Júnior, Lucindo J.; Sussuchi, Eliana M.; Sarmiento, Victor H.V.; Carvalho, Flávio M.S.; Marreto, Ricard

Anti-hyperalgesic and anti-inflammatory effects of citral with β -cyclodextrin and hydroxypropyl- β -cyclodextrin inclusion complexes in animal models

Life Sciences v. 229, 2019: p. 139-148
10.1016/j.lfs.2019.05.026

Anti-inflammatory; Anti-hyperalgesic; Citral; Cyclodextrins; Inclusion complexes

No. 444

Wang, Jie; Coffin, Scott; Sun, Chengliang; Schlenk, Daniel; Gan, Jay

Negligible effects of microplastics on animal fitness and HOC bioaccumulation in earthworm *Eisenia fetida* in soil

Environmental Pollution v. 249, 2019: p. 776-784
10.1016/j.envpol.2019.03.102

Bioaccumulation; Polyethylene; Oxidative damage; Polystyrene

No. 445

Passetti, Rodrigo Augusto Cortêz; Resconi, Virginia Celia; Çakmakçı, Cihan; del Mar Campo, María; Kirinus, Jackeline Karsten; Passetti, Ludmila Couto Gomes; Guerrero, Ana; do Prado, Ivanor Nunes; Sañudo, Carlos

Number of consumers and days of display necessary for the assessment of meat colour acceptability

Food Research International v. 121, 2019: p. 387-393
10.1016/j.foodres.2019.03.036

Lambs; Digital images; Freshness; Redness; Sensory; Shelf-life

No. 446

da Cunha, Michele Milano; Capote-Bonato, Francieli; Capoci, Isis Regina Grenier; Bonato, Denis Vinicius; Ghizzi, Lucas Ghedin; Paiva-Lima, Patrícia; Baeza, Lilian Cristiane; Svidzinski, Terezinha Inez Estivalet

Epidemiological investigation and molecular typing of dermatophytosis caused by *Microsporum canis* in dogs and cats

Preventive Veterinary Medicine v. 167, 2019: p. 39-45
10.1016/j.prevetmed.2019.03.019

Epidemiology; Zoonosis; Dermatophytes; Microbiological diagnosis; Molecular typing

No. 447

Eljarah, Abdulhakeem; Abdullah, Mohammad; Ababneh, Mohammed; Jawasreh, Khalil; Alnimr, Mufeed; El-Bahr, Sabry

CIDR estrous synchronization in the Arabian Oryx (*Oryx leucoryx*)

Theriogenology v. 132, 2019: p. 113-117
10.1016/j.theriogenology.2019.04.017

Serum; Estrus; Reproduction; Progesterone; Ovulation

No. 448

Bethancourt-Garcia, Javier Alexander; Vaz, Ricardo Zambarda; Vaz, Fabiano Nunes; Silva, Willian Barros; Pascoal, Leonir Luiz; Mendonça, Fábio Souza; Vara, Carina Crizel da; Nuñez, Amoracyr José Costa; Restle, João

Pre-slaughter factors affecting the incidence of severe bruising in cattle carcasses

Livestock Science v. 222, 2019: p. 41-48
10.1016/j.livsci.2019.02.009

Animal welfare; Handling; Antemortem; Brazil; Bruises; Transportation

No. 449

Luzardo, Santiago; de Souza, Guillermo; Quintans, Graciela; Banchemo, Georgget

Refeeding ewe's ad libitum after energy restriction during mid-pregnancy does not affect lamb feed conversion ratio, animal performance and meat quality

Small Ruminant Research v. 180 , 2019 : p. 57-62

10.1016/j.smallrumres.2019.09.020

Growth; Meat quality; Dietary restriction; Fetal programming; Lamb

No. 450

Jaskulski, Itiane Barcellos; Uecker, Julia; Bordini, Fernanda; Moura, Fernanda; Gonçalves, Taiciane; Chaves, Natalie Garcia; Camargo, Flávio; Grecco, Fabiane Borelli; Fiorentini, Ângela Maria; da Silva, Wladimir Padilha; Andreazza, Robson; Pieniz, Simone

In vivo action of *Lactococcus lactis* subsp. *lactis* isolate (R7) with probiotic potential in the stabilization of cancer cells in the colorectal epithelium

Process Biochemistry v. , 2019: p.

10.1016/j.procbio.2019.12.008

Lactic acid bacteria; Stress; Colorectal cancer; Hypercaloric diet

No. 451

Walden, Georgia; Noirot, Christelle; Nagelkerken, Ivan

A future 1.2 °C increase in ocean temperature alters the quality of mangrove habitats for marine plants and animals

Science of The Total Environment v. 690, 2019: p. 596-603

10.1016/j.scitotenv.2019.07.029

Climate change; Epibionts; Flattening; Homogenisation; Mangroves; Mesocosm; Ocean acidification; Ocean warming; Structural complexity

No. 452

Cao, Lele; Ma, Qianyun; Liang, Tieqiang; Sun, Guohou; Chi, Wenrui; Zhang, Cijian; Li, Jian; Wang, Lijuan

A semen cassia gum-based film with visual-olfactory function for indicating the freshness change of animal protein-rich food

International Journal of Biological Macromolecules v. 133, 2019: p. 243-252

10.1016/j.ijbiomac.2019.04.045

Ammonia response; Food freshness; pH-sensitive fibers; Semen cassiae gum; Visual-olfactory film

No. 453

Moulana, Mohadetheh

Immunophenotypic profile of leukocytes in hyperandrogenemic female rat an animal model of polycystic ovary syndrome

Life Sciences v. 220, 2019: p. 44-49

10.1016/j.lfs.2019.01.048

CD4CD28 T cells; Mast cells; Polycystic ovary syndrome; T regulatory (Treg) cells; Th17 cells

No. 454

Soul, Washaya; Mupangwa, John; Muchenje, Voster; Mpendulo, Thando Conference

Biochemical indices and haematological parameters of goats fed lablab purpureus and vigna unguiculata as supplements to a chloris gayana basal diet

Veterinary and Animal Science v. 8, 2019: p. 100073

10.1016/j.vas.2019.100073

Growth; Goats; Forage legumes; Haematology; Serum biochemistry

No. 455

Gallo, S.B.; Brochado, T.; Brochine, L.; Passareli, D.; Costa, S.F.; Bueno, I.C. da S.; Balieiro, J.C. de C.; Franzolin Neto, R.; Tedeschi, L.O.

Effect of biosurfactant added in two different oil source diets on lamb performance and ruminal and blood parameters

Livestock Science v. 226, 2019: p. 66-72

10.1016/j.livsci.2019.06.006

Lambs; Biosurfactant; Blood hematology and chemistry; Oil; Rumen development and fermentation

No. 456

Wickhorst, J.-P.; Hassan, A.A.; Samra, O.; Alssahen, M.; Lämmler, C.; Prenger-Berninghoff, E.; Naggert, M.; Timke, M.; Rau, J.; Abdulmawjood, A.

First report on the isolation of *Trueperella abortus* from companion animals

Research in Veterinary Science v. 125, 2019: p. 465-467

10.1016/j.rvsc.2017.11.003

Cat; Dog; 16S rDNA; MALDI-TOF MS

No. 457

Brown, Katrina M.; Flemsæter, Frode; Rønningen, Katrina

More-than-human geographies of property: Moving towards spatial justice with response-ability

Geoforum v. 99, 2019 : p. 54-62

10.1016/j.geoforum.2018.12.012

Animals; Justice; Legal geography; Norway; Property; Space

No. 458

Wang, C; Zeng, Y T; Chen, X Y; Wu, Q Y; Yang, L Q; Xu, L; Zhang, Y; Qazi, Izhar Hyder; Zhou, G B; Zeng, C J; Zuo, Z Z; Song, T Z; Zhu, Q; Zhang, M

Improvac induces immunocastration by affecting testosterone levels and disrupting spermatogenesis in male broiler chickens

Poultry Science v. 98, 2019: p. 6034-6045

10.3382/ps/pez228

broiler chicken; immunocastration; improvac; spermatogenesis; testosterone

No. 459

Vaarst, Mette; Smolders, Gidi; Wahome, Raphael; Odhong, Charles; Kiggundu, Muhammad; Kabi, Fred; Nalubwama, Sylvia; Halberg, Niels

Options and challenges for organic milk production in East African smallholder farms under certified organic crop production

Livestock Science v. 220, 2019: p. 230-240

10.1016/j.livsci.2019.01.006

Crop-animal integration; Dairy cattle; East Africa; Organic; Smallholder

No. 460

Pravalika, Kanta; Sarmah, Deepaneeta; Kaur, Harpreet; Vats, Kanchan; Saraf, Jackson; Wanve, Madhuri; Kalia, Kiran; Borah, Anupom; Yavagal, Dileep R.; Dave, Kunjan R.; Bhattacharya, Pallab

Trigonelline therapy confers neuroprotection by reduced glutathione mediated myeloperoxidase expression in animal model of ischemic stroke

Life Sciences v. 216, 2019: p. 49-58

10.1016/j.lfs.2018.11.014

Ischemic stroke; Myeloperoxidase; Neuroprotection; Trigonelline

No. 461

De Rosa, G.; Di Palo, R.; Serafini, R.; Grasso, F.; Bragaglio, A.; Braghieri, A.; Napolitano, F.

Different assessment systems fail to agree on the evaluation of dairy cattle welfare at farm level

Livestock Science v. 229, 2019: p. 145-149

10.1016/j.livsci.2019.09.024

Animal welfare; Dairy cattle; Animal needs index; Lombardy extension service index; Welfare assessment protocol; Welfare quality®

No. 462

Cedilak, Matea; Banjanac, Mihailo; Belamarić, Daniela; Paravić Radičević, Andrea; Faraho, Ivan; Ilić, Krunoslav; Čužić, Snježana; Glojnarčić, Ines; Eraković Haber, Vesna; Bosnar, Martina

Precision-cut lung slices from bleomycin treated animals as a model for testing potential therapies for idiopathic pulmonary fibrosis

Pulmonary Pharmacology & Therapeutics v. 55, 2019: p. 75-83

10.1016/j.pupt.2019.02.005

model; Bleomycin; Compounds testing; Idiopathic pulmonary fibrosis; Precision-cut lung slices

No. 463

Danzl, Katarina; Messner, Barbara; Doppler, Christian; Nebert, Clemens; Abfalterer, Anna; Sakic, Adel; Temml, Veronika; Heinz, Katharina; Streitwieser, Robert; Edelmann, Thomas; Mairhofer, Mario; Grimm, Michael; Laufer, Günther; Zierer, Andreas; Stuppner, Michael

Early inhibition of endothelial retinoid uptake upon myocardial infarction restores cardiac function and prevents cell, tissue, and animal death

Journal of Molecular and Cellular Cardiology v. 126, 2019: p. 105-117

10.1016/j.yjmcc.2018.11.012

5'-methoxyleoligin; ATRA; Cardioprotection; CYP26B1; Leoligin; Retinoids; Retinol; STRA6

No. 464

Zambetti, Peter R.; Schuessler, Bryan P.; Kim, Jeansok J.

Sex Differences in Foraging Rats to Naturalistic Aerial Predator Stimuli

iScience v. 16, 2019: p. 442-452

10.1016/j.isci.2019.06.011

Animals; Biological Sciences; Ethology

No. 465

Slanzon, G.S.; Toledo, A.F.; Silva, A.P.; Coelho, M.G.; da Silva, M.D.; Cezar, A.M.; Bittar, C.M.M.

Red propolis as an additive for preweaned dairy calves: Effect on growth performance, health, and selected blood parameters

Journal of Dairy Science v. 102, 2019 : p. 8952-8962
10.3168/jds.2019-16646

dairy calf; diarrhea; health; propolis

No. 466

Tillmann, K.; Windschnurer, I.; Gamper, J.; Hinney, B.; Rülcke, T.; Podesser, B.K.; Troxler, J.; Plasenzotti, R.

Welfare assessment in rabbits raised for meat and laboratory purposes in enclosures with two floor types: Perforated plastic with holes versus slats

Research in Veterinary Science v. 122, 2019: p. 200-209
10.1016/j.rvsc.2018.11.016

Animal welfare; Floor design; Growing rabbits; Legal regulations; Rabbit husbandry

No. 467

Erickson, Mary G.; Erasmus, Marisa A.; Karcher, Darrin M.; Knobloch, Neil A.; Karcher, Elizabeth L.

Poultry in the classroom: effectiveness of an online poultry-science-based education program for high school STEM instruction

Poultry Science v. 98, 2019: p. 6593-6601
10.3382/ps/pez491

education; poultry; interest; online learning; public awareness

No. 468

Collins, Courtney; Quirke, Thomas; McKeown, Sean; Flannery, Kevin; Kennedy, Declan; O'Riordan, Ruth

Zoological education: Can it change behaviour?

Applied Animal Behaviour Science v. 220, 2019: p. 104857
10.1016/j.applanim.2019.104857

Environmental education; Animal-visitor interactions; Captive animals; Zoo visitors

No. 469

Reis, João H.; Gebert, Roger R.; Barreta, Mauricio; Boiago, Marcel M.; Souza, Carine F.; Baldissera, Matheus D.; Santos, Ingrid D.; Wagner, Roger; Laporta, Luciane V.; Stefani, Lenita M.; Da Silva, Aleksandro S.

Addition of grape pomace flour in the diet on laying hens in heat stress: Impacts on health and performance as well as the fatty acid profile and total antioxidant capacity in the egg

Journal of Thermal Biology v. 80, 2019: p. 141-149
10.1016/j.jtherbio.2019.01.003

Antioxidant; Animal production; Egg quality; Heat stress; Resveratrol

No. 470

Masjedian Jezi, Faramarz; Razavi, Shabnam; Mirnejad, Reza; Zamani, Khosrow

Immunogenic and protective antigens of Brucella as vaccine candidates

Comparative Immunology, Microbiology and Infectious Diseases v. 65, 2019: p. 29-36
10.1016/j.cimid.2019.03.015

Brucellosis; Immunity; Vaccine candidates

No. 471

Chebaibi, Salima; Leriche Grandchamp, Mathilde; Burgé, Grégoire; Clément, Tiphaine; Allais, Florent; Laziri, Fatiha

Improvement of protein content and decrease of anti-nutritional factors in olive cake by solid-state fermentation: A way to valorize this industrial by-product in animal feed

Journal of Bioscience and Bioengineering v. 128, 2019: p. 384-390
10.1016/j.jbiosc.2019.03.010

Filamentous fungi; Olive cake; Phenolic compounds; Protein content; Solid-state fermentation

No. 472

Mazon, Madeline R.; Antonelo, Daniel S.; Gómez, Juan F.M.; Nubiato, Keni E.Z.; Balage, Juliana M.; Silva, Henrique B.; Tapp, William N.; Leme, Paulo R.; Goulart, Rodrigo S.; Fukumasu, Heidge; Johnson, Bradley J.; Pesce, Domingos M.C.; Silva, Saulo L.

Effects of combining immunocastration and β -adrenergic agonists on the meat quality of Nelore cattle

Livestock Science v. 226, 2019: p. 13-20
10.1016/j.livsci.2019.05.015

Gender; Tenderness; Aging; Proteolytic enzymes; Ractopamine; Zilpaterol

No. 473

Dan, Michael J.; Oliver, Rema A.; Crowley, James D.; Lovric, Vedran; Parr, William C.H.; Broe, David; Cross, Mervyn; Walsh, William R.

The effect of surgery on patellar tendinopathy: Novel use of MRI questions the exploitability of the rat collagenase model to humans

The Knee v. 26, 2019 : p. 1182-1191

10.1016/j.knee.2019.10.017

Rat; Animal model; Collagenase; Patellar tendinopathy; Surgery

No. 474

Boltz, T.P.; Boney, J.W.; Shen, C.; Jaczynski, J.; Moritz, J.S.

The Effect of Standard Pelleting and More Thermally Aggressive Pelleting Utilizing a Hygieniser on Feed Manufacture and Reduction of Enterococcus faecium, a Salmonella Surrogate

Journal of Applied Poultry Research v. 28, 2019: p. 1226-1233

10.3382/japr/pfz088

feed; bacterial reduction; hygieniser; pelleting; Salmonella

No. 475

de Carvalho, Inês R.; Nunes, Telmo; de Sousa, Liliana; Almeida, Virgílio

The Combined Use of Salivary Cortisol Concentrations, Heart Rate and Respiratory Rate for the Welfare Assessment of Dogs Involved in AAI Programs

Journal of Veterinary Behavior v. , 2019: p.

10.1016/j.jveb.2019.10.011

welfare; dogs; animal assisted interventions; cortisol

No. 476

Mataragka, Antonia; Sotirakoglou, Kyriaki; Gazouli, Maria; Triantaphyllopoulos, Kostas A.; Ikononopoulos, John

Parturition affects test-positivity in sheep with subclinical paratuberculosis; investigation following a preliminary analysis

Journal of King Saud University - Science v. 31, 2019: p. 1399-1403

10.1016/j.jksus.2019.02.009

ELISA; Paratuberculosis; Parturition; Real time PCR; Shedding of MAP

No. 477

Tănăsescu, Mihnea

Restorative ecological practice: The case of the European Bison in the Southern Carpathians, Romania

Geoforum v. 105, 2019: p. 99-108

10.1016/j.geoforum.2019.05.013

Animal geographies; Human-animal relations; Conservation social science; Critical geography; Ecological restoration; Rewilding

No. 478

Jabeen, Rida; Ahmed, Rashid; Kashif Rasheed, H.M.; Shehzad, Farrukh

Construction of circular strongly partially-balanced repeated measurements designs

Journal of King Saud University - Science v. 31, 2019: p. 345-351

10.1016/j.jksus.2018.03.014

Circular strongly balanced repeated measurements designs; Circular strongly partially-balanced repeated measurements designs; Method of cyclic shifts; Repeated measurements designs; Residual effects

No. 479

Matsumoto, Hirokazu; Kawaguchi, Fuki; Itoh, Shotaro; Yotsu, Suzuna; Fukuda, Kento; Oyama, Kenji; Mannen, Hideyuki; Sasazaki, Shinji

The SNPs in bovine MMP14 promoter influence on fat-related traits

Meta Gene v. 20, 2019: p. 100558

10.1016/j.mgene.2019.100558

SNP; Promoter; Fatty acid composition; Subcutaneous fat thickness

No. 480

Jung, Ami; Jung, Heejun; Choi, Yeonju; Colee, James; Wickens, Carissa; Lee, Jang-Won; Yoon, Minjung

Frequent riding sessions daily elevate stress, blood lactic acid, and heart rate of thoroughbred riding horses

Journal of Veterinary Behavior v. 32, 2019: p. 1-5

10.1016/j.jveb.2019.03.012

animal welfare; heart rate; horses; lactate; riding frequency; stress

No. 481

Müller, Bruno Roberto; Soriano, Vanessa Souza; Bellio, Jennifer Cristina Biscarra; Molento, Carla Forte Maiolino

Facial expression of pain in Nellore and crossbred beef cattle

Journal of Veterinary Behavior v. 34 , 2019 : p. 60-65

10.1016/j.jveb.2019.07.007

animal behavior; animal welfare; facial action units (AUs); facial expression; hot iron branding; pain assessment

No. 482

Boney, J.W.; Patterson, P.H.; Solis, F.

The effect of dietary inclusions of guanidinoacetic acid on D1-42 broiler performance and processing yields

Journal of Applied Poultry Research v. , 2019: p.

10.1016/j.japr.2019.10.008

all vegetable; breast yield; energy metabolism

No. 483

Qu, Yang-Hua; Jian, Lu-Yang; Ce, Liu; Ma, Yong; Xu, Chen-Chen; Gao, Yue-Feng; Machaty, Zoltan; Luo, Hai-Ling

Identification of candidate genes in regulation of spermatogenesis in sheep testis following dietary vitamin E supplementation

Animal Reproduction Science v. 205, 2019: p. 52-61

10.1016/j.anireprosci.2019.04.003

Vitamin E; Male Hu lamb; RNA-seq; Spermatogenesis

No. 484

Chen, Hsin-Chien; Liang, Chang-Min; Wang, Chih-Hung; Huang, Ming-Yuan; Lin, Yuan-Yung; Shih, Cheng-Ping; Kuo, Chao-Yin; Lin, Yi-Chun; Chen, Hang-Kang

Transplantation of human limbus-derived mesenchymal stromal cells via occipital approach improves hearing in animal auditory neuropathy

International Journal of Pediatric Otorhinolaryngology v. 117, 2019: p. 67-72

10.1016/j.ijporl.2018.11.018

Auditory neuropathy; Cochlea; Limbus; Mesenchymal stromal cell; Sensorineural hearing loss; Stem cell

No. 485

Chakrabarty, Ankush; Gregory, Justin M.; Moore, L. Merkle; Williams, Philip E.; Farmer, Ben; Cherrington, Alan D.; Lord, Peter; Shelton, Brian; Cohen, Don; Zisser, Howard C.; Doyle, Francis J.; Dassau, Eyal

A new animal model of insulin-glucose dynamics in the intraperitoneal space enhances closed-loop control performance

Journal of Process Control v. 76, 2019: p. 62-73

10.1016/j.jprocont.2019.01.002

Alternative sites; Canine model; Intraperitoneal cavity; Predictive model; Proportional-integral-derivative (PID) control; Type 1 diabetes

No. 486

Zhang, Yuan; Tan, Yiqing; Dong, Cheng; Gao, Sai; Xu, Wenjian; Chen, Haisong

Evaluating the scope of intramedullary invasion of malignant bone tumor by DCE-MRI quantitative parameters in an animal study

Journal of Bone Oncology v. 19, 2019: p. 100269

10.1016/j.jbo.2019.100269

Dynamic contrast enhancement magnetic resonance imaging (DCE-MRI); Intramedullary invasion; Micro-infiltration; VX2 tumor

No. 487

Barazandeh, Arsalan; Mohammadabadi, Mohammadreza; Ghaderi-Zefrehei, Mostafa; Rafeie, Farjad; Imumorin, Ikhide G.

Whole genome comparative analysis of CpG islands in camelid and other mammalian genomes

Mammalian Biology v. 98, 2019: p. 73-79

10.1016/j.mambio.2019.07.007

Adaptation; Camelid genomes; CGIs; Detection algorithms

No. 488

Liu, Ling; Guo, Yongqing; Bai, Zhaoai; Cao, Yubo; Tu, Yan; Wang, Zongyong; Li, Yaoji; Wu, Zhiguo; Ma, Lin

Reducing phosphorus excretion and loss potential by using a soluble supplement source for swine and poultry

Journal of Cleaner Production v. 237, 2019: p. 117654

10.1016/j.jclepro.2019.117654

Environmental pollution; Excretion; Leaching; Manure phosphorus fractions; Monogastric animals

No. 489

Donati, Kelly

'Herding is his favourite thing in the world': Convivial world-making on a multispecies farm

Journal of Rural Studies v. 66 , 2019 : p. 119-129

10.1016/j.jrurstud.2018.12.008

Agriculture; Animal-human relations; Care; Conviviality; Gastronomy; Multispecies ethnography

No. 490

Chen, Siyu; Xiang, Hai; Zhang, Hui; Zhu, Xu; Wang, Dan; Wang, Jikun; Yin, Tao; Liu, Langqing; Kong, Minghua; Li, Hua; Zhao, Xingbo

Rearing system causes changes of behavior, microbiome, and gene expression of chickens

Poultry Science v. 98, 2019: p. 3365-3376

10.3382/ps/pez140

chicken; behavior; gene expression; gut microbiome; rearing system

No. 491

Gamboa, Jonifel C.; Padiernos, Ryan Bismark C.; Uy, Mary Rose D.; Celestino, Elfren F.; Mingala, Claro N.

Comparative molecular characterization of Forkhead box protein 3 (FoxP3) gene of swamp-type (*Bubalus carabanensis*) and riverine-type (*Bubalus bubalis*) water buffaloes

Comparative Immunology, Microbiology and Infectious Diseases v. 64, 2019: p. 1-6

10.1016/j.cimid.2019.01.022

CD4+; Forkhead family; FoxP3; T regulatory cells; Water buffalo

No. 492

Sousa, D.O.; Velasquez, A.V.; Oliveira, C.A.; Souza, J.M.; Nadeau, E.; Silva, L.F.P.

Effect of sugarcane genotype and maturity stage at harvest on feed intake and ruminal parameters of growing steers

Animal Feed Science and Technology v. 256, 2019: p. 114258

10.1016/j.anifeedsci.2019.114258

Fibre digestibility; Intake; Ruminal bacteria; Ruminal kinetics; Sugarcane silage

No. 493

Tucker, Emily K.; Suski, Cory D.

Presence of conspecifics reduces between-individual variation and increases avoidance of multiple stressors in bluegill

Animal Behaviour v. 158, 2019: p. 15-24

10.1016/j.anbehav.2019.10.002

avoidance behaviour; carbon dioxide; personality; shoaling; sociability; temperature

No. 494

Chawla, Saurabh; Mahara, Kuna; Bathrachalam, Chandramohan

Successful Treatment of Postparturient pelvic prolapse in mouse (*mus musculus*) using a novel hydropropulsion technique

Journal of Exotic Pet Medicine v. 29, 2019: p. 79-82

10.1053/j.jepm.2018.06.006

mice; hydropropulsion; prolapse

No. 495

Horback, K.M.; Parsons, T.D.

Judgement bias testing in group-housed gestating sows

Behavioural Processes v. 159, 2019: p. 86-92

10.1016/j.beproc.2018.12.021

Operant conditioning; Swine; Animal welfare; Affective state; Sow

No. 496

Lambert, Spencer F.X.

Identifying strontium baselines and large game animal trade at Fremont sites through strontium isotope (⁸⁷Sr/⁸⁶Sr) analysis

Journal of Archaeological Science: Reports v. 27, 2019: p. 101936

10.1016/j.jasrep.2019.101936

Strontium isotopes; Trade; Fremont; Gaming pieces; Utah; Zooarchaeology

No. 497

Lans, Cheryl

Do recent research studies validate the medicinal plants used in British Columbia, Canada for pet diseases and wild animals taken into temporary care?

Journal of Ethnopharmacology v. 236 , 2019 : p. 366-392
10.1016/j.jep.2019.02.030

Medicinal plants; Anxiety, asthma, heart problems, injuries; Arthritis; British Columbia; Cancer; Ethnoveterinary medicine; Pets; Tumours

No. 499

Hedell, Ronny; Andersson, Mats Gunnar; Faverjon, Céline; Marcillaud-Pitel, Christel; Leblond, Agnès; Mostad, Petter

Surveillance of animal diseases through implementation of a Bayesian spatio-temporal model: A simulation example with neurological syndromes in horses and West Nile Virus

Preventive Veterinary Medicine v. 162, 2019: p. 95-106
10.1016/j.prevetmed.2018.11.010

Bayesian model; Syndromic surveillance; Gibbs sampling; Hidden markov model; Spatio-temporal model; West Nile Virus

No. 501

Dongmo, Olivette Laure Matafack; Epoh, Nadine Joissy; Tadjoua, Herve Tchoumbou; Yousuf, Sammer; Telefo, Phelix Bruno; Tapondjou, Leon Azefack; Choudhary, M. Iqbal

Acute and sub-acute toxicity of the aqueous extract from the stem bark of Tetrapleura tetrapleura Taub. (Fabaceae) in mice and rats

Journal of Ethnopharmacology v. 236, 2019: p. 42-49
10.1016/j.jep.2019.02.026

Acute toxicity; Balb/c mice; Sub-acute toxicity; Taub.; Wistar rats

No. 503

Fortuoso, Bruno F.; Gebert, Roger R.; Griss, Luiz G.; Glombovisky, Patricia; Cazarotto, Chrystian J.; Rampazzo, Luana; Stefani, Lenita M.; Ferreira, Emanuel B.; da Silva, Aleksandro Schafer

Reduction of stool bacterial counts and prevention of diarrhea using an oral homeopathic product in newborn lambs

Microbial Pathogenesis v. 127, 2019: p. 347-351
10.1016/j.micpath.2018.12.022

Performance; Mortality; Lambs; Diarrhea; Homeopathic product; Microbial

No. 498

Basso, Lorena; Rizzo, Lucia; Marzano, Marinella; Intranuovo, Marianna; Fosso, Bruno; Pesole, Graziano; Piraino, Stefano; Stabili, Loredana

Jellyfish summer outbreaks as bacterial vectors and potential hazards for marine animals and humans health? The case of Rhizostoma pulmo (Scyphozoa, Cnidaria)

Science of The Total Environment v. 692, 2019: p. 305-318
10.1016/j.scitotenv.2019.07.155

BIOLOG; High-throughput sequencing; Metabolic profiling; Metagenomic analysis; Scyphomedusae; Taxonomic microbial diversity

No. 500

Lauridsen, Charlotte

From oxidative stress to inflammation: redox balance and immune system

Poultry Science v. 98, 2019: p. 4240-4246
10.3382/ps/pey407

Poultry; Pigs; Fatty acids; Antioxidants; Gut

No. 502

de Moura Souza, Giancarlo; Coutinho, Marcelo Aranda da Silva; Ramos, Patricia Maloso; de Oliveira, Giuliana Micai; Lonergan, Steven Michael; Delgado, Eduardo Francisquine

Tough aged meat presents greater expression of calpastatin, which presents postmortem protein profile and tenderization related to Nellore steer temperament

Meat Science v. 156, 2019: p. 131-138
10.1016/j.meatsci.2019.05.017

Calpastatin peak; CAST; Fragmentation; Proteolysis

No. 504

Arif, M.; Al-Sagheer, A.A.; Salem, A.Z.M.; El-Hack, M.E. Abd; Swelum, A.A.; Saeed, M.; Jamal, M.; Akhtar, M.

Influence of exogenous fibrolytic enzymes on milk production efficiency and nutrient utilization in early lactating buffaloes fed diets with two proportions of oat silage to concentrate ratios

Livestock Science v. 219, 2019: p. 29-34
10.1016/j.livsci.2018.11.007

Digestibility; Enzyme; Buffalo; Milk yield; Nitrogen balance

No. 505

Allen, M.S.; Sousa, D.O.; VandeHaar, M.J.

Equation to predict feed intake response by lactating cows to factors related to the filling effect of rations

Journal of Dairy Science v. 102, 2019 : p. 7961-7969

10.3168/jds.2018-16166

forage quality; ration formulation; rumen fill

No. 507

Magalhães, Ana Fabrícia Braga; Schenkel, Flavio Schramm; Garcia, Diogo Anastácio; Gordo, Daniel Gustavo Mansan; Tonussi, Rafael Lara; Espigolan, Rafael; Silva, Rafael Medeiros de Oliveira; Braz, Camila Urbano; Fernandes Júnior, Gerardo Alves; Baldi, Ferna

Genomic selection for meat quality traits in Nelore cattle

Meat Science v. 148, 2019: p. 32-37

10.1016/j.meatsci.2018.09.010

Fat deposition; Genomics; Meat composition; Meat tenderness

No. 509

Ghafouri-Kesbi, Farhad; Abbasi, Mokhtar Ali

Autosomal and X-linked additive genetic effects on body weight, body measurements and efficiency-related traits in sheep

Small Ruminant Research v. 180, 2019: p. 21-26

10.1016/j.smallrumres.2019.09.017

Sheep; Autosomal heritability; Genetic correlation; X-linked heritability

No. 511

Kaleshkumar, Karunanidhi; Rajaram, Rajendran; Gayathri, Nambirajan; Sivasudha, Thilagar; Arun, Ganesan; Archunan, Govindaraju; Gulyás, Balázs; Padmanabhan, Parasuraman

Muscle extract of *Arothron immaculatus* regulates the blood glucose level and the antioxidant system in high-fat diet and streptozotocin induced diabetic rats

Bioorganic Chemistry v. 90, 2019: p. 103072

10.1016/j.bioorg.2019.103072

Streptozotocin; and studies; High-fat diet; LC-ESI/MS analysis; Marine pufferfish; Type 2 diabetes mellitus

No. 506

Appelt, Marciana Anita; da Silva, Aleksandro Schafer; Cazarotto, Chrystian Jassana; Machado, Gustavo; Rodrigues, Rafael Sachet; Norbury, Luke James; Baldissera, Matheus D.; Alba, Davi F.; Gris, Anderson; Mendes, Ricardo Evandro

Cholinesterase as an inflammatory marker of subclinical infection of dairy cows infected by *Neospora caninum* and risk factors for disease

Comparative Immunology, Microbiology and Infectious Diseases v. 66, 2019: p. 101330

10.1016/j.cimid.2019.101330

Pathogenesis; Seroprevalence; Inflammation; Infectious disease; Immunity; Bovines; Neosporosis

No. 508

Fairlie-Clarke, Karen; Kaseja, Karolina; Sotomaior, Cristina; Brady, Nicola; Moore, Kirsty; Stear, Michael

Salivary IgA: A biomarker for resistance to *Teladorsagia circumcincta* and a new estimated breeding value

Veterinary Parasitology v. 269, 2019: p. 16-20

10.1016/j.vetpar.2019.04.005

IgA; Nematode resistance; Saliva test; Selective breeding

No. 510

Wu, Sen; Ning, Yue; Raza, Sayed Haidar Abbas; Zhang, Chengtu; Zhang, Le; Cheng, Gong; Wang, Hongbao; Schreurs, Nicola; Zan, Linsen

Genetic variants and haplotype combination in the bovine *CRTC3* affected conformation traits in two Chinese native cattle breeds (*Bos Taurus*)

Genomics v. 111, 2019: p. 1736-1744

10.1016/j.ygeno.2018.11.028

SNP; Conserved estimation; CRTC3; Growth traits; Molecular markers; mRNA expression

No. 512

Khan, Adil; Nasreen; Mitchell, Robert D.; Niaz, Sadaf; Ayaz, Sultan; Khattak, Irfan; Naeem, Huma; de León, Adalberto A. Pérez; Zaman, Muhammad Arfan

Seroprevalence of *Anaplasma* spp. among sheep and goats in Charsadda District, Pakistan

Small Ruminant Research v. 176, 2019: p. 5-10

10.1016/j.smallrumres.2019.05.008

ELISA; Seroprevalence; Small ruminants; Anaplasmosis; Pakistan; spp.

No. 513

Reynolds, M.A.; Borchers, M.R.; Davidson, J.A.; Bradley, C.M.; Bewley, J.M.

Technical note: An evaluation of technology-recorded rumination and feeding behaviors in dairy heifers

Journal of Dairy Science v. 102, 2019 : p. 6555-6558
10.3168/jds.2018-15635

rumination behavior; feeding behavior; precision dairy monitoring

No. 514

Maia, Ana Paula de A.; Moura, Daniella J.; Green, Angela R.; Silva, Wagner T.; Sarubbi, Juliana; Massari, Juliana M.; Barbosa, Leonardo Valentino Soares

Design and testing of a novel environmental preference chamber

Computers and Electronics in Agriculture v. 157, 2019: p. 23-37
10.1016/j.compag.2018.12.026

Animal welfare; Air quality; Automatic control; Free-choice testing

No. 515

Lai, Chunyou; Feng, Tianhang; Wei, Lingling; Zhang, Tianying; Zhou, Guo; Yang, Qinyan; Lan, Tao; Xiang, Guangming; Yao, Yutong; Zhou, Liang; Huang, Xiaolun

Development and validation of a primate model for liver fibrosis

Journal of Pharmacological and Toxicological Methods v. 100, 2019: p. 106600

10.1016/j.vascn.2019.106600

Carbon tetrachloride; Liver fibrosis; Rhesus monkey

No. 516

Villetaz Robichaud, M.; Rushen, J.; de Passillé, A.M.; Vasseur, E.; Haley, D.; Pellerin, D.

Associations between on-farm cow welfare indicators and productivity and profitability on Canadian dairies: II. On tiestall farms

Journal of Dairy Science v. 102, 2019: p. 4352-4363

10.3168/jds.2018-14818

productivity; profitability; welfare indicator; comfort; tiestall

No. 517

Karkaba, Ali; Hill, Kate; Benschop, Jackie; Pleydell, Eve; Grinberg, Alex

Carriage and population genetics of extended spectrum β -lactamase-producing *Escherichia coli* in cats and dogs in New Zealand

Veterinary Microbiology v. 233, 2019: p. 61-67

10.1016/j.vetmic.2019.04.015

AmpC-producing; Antimicrobial treatment; Extended spectrum β -lactamase-producing; Horizontal gene transfer; Multilocus sequence typing

No. 518

Huang, C.; Chiba, L.I.; Magee, W.E.; Wang, Y.; Griffing, D.A.; Torres, I.M.; Rodning, S.P.; Bratcher, C.L.; Bergen, W.G.; Spangler, E.A.

Effect of flaxseed oil, animal fat, and vitamin E supplementation on growth performance, serum metabolites, and carcass characteristics of finisher pigs, and physical characteristics of pork

Livestock Science v. 220, 2019: p. 143-151

10.1016/j.livsci.2018.11.011

Vitamin E; Carcass and pork characteristics; Finisher pigs; Flaxseed oil; Growth performance; Serum metabolites

No. 519

Oliveira, H.R.; Brito, L.F.; Lourenco, D.A.L.; Silva, F.F.; Jamrozik, J.; Schaeffer, L.R.; Schenkel, F.S.

Invited review: Advances and applications of random regression models: From quantitative genetics to genomics

Journal of Dairy Science v. 102, 2019: p. 7664-7683

10.3168/jds.2019-16265

lactation curve; genomic estimated breeding values; longitudinal trait; test-day

No. 520

Albrecht, Stephanie; Elpelt, Anja; Kasim, Ceyda; Reble, Carina; Mundhenk, Lars; Pischon, Hannah; Hedtrich, Sarah; Witzel, Christian; Lademann, Jürgen; Zastrow, Leonhard; Beckers, Ingeborg; Meinke, Martina C.

Quantification and characterization of radical production in human, animal and 3D skin models during sun irradiation measured by EPR spectroscopy

Free Radical Biology and Medicine v. 131, 2019: p. 299-308

10.1016/j.freeradbiomed.2018.12.022

Characterization of radical production; Human skin; Murine skin; Paramagnetic resonance spectroscopy; Porcine skin; Quantitative free radical measurement; Skin models; Sun irradiation

No. 521

Santos Silva, Danielly Beraldo dos; Fonseca, Larissa Fernanda Simielli; Magalhães, Ana Fabrícia Braga; Muniz, Maria Malane Magalhães; Baldi, Fernando; Ferro, Jesus Aparecido; Chardulo, Luis Artur Loyola; Pinheiro, Daniel Guariz; Albuquerque, Lucia Galvão

Transcriptome profiling of muscle in Nelore cattle phenotypically divergent for the ribeye muscle area

Genomics v. , 2019 : p.

10.1016/j.ygeno.2019.07.012

Bovine; RNA-Seq; Carcass trait; Co-expression; Genes; Hub genes

No. 523

King, Sally; Wills, Leigh; Randle, Hayley

Early training of foals using the ISES training principles

Journal of Veterinary Behavior v. 29, 2019: p. 140-146

10.1016/j.jveb.2018.11.001

education; welfare; equitation science; foal; principles of learning; training

No. 525

Fernandez-Sainz, Ignacio; Gavitt, Tyler D.; Koster, Marla; Ramirez-Medina, Elizabeth; Rodriguez, Yelitza Y.; Wu, Ping; Silbart, Lawrence K.; de Los Santos, Teresa; Szczepanek, Steven M.

The VP1 G-H loop hypervariable epitope contributes to protective immunity against Foot and Mouth Disease Virus in swine

Vaccine v. 37, 2019: p. 3435-3442

10.1016/j.vaccine.2019.05.019

Vaccine; Foot and Mouth Disease; G-H loop; Manisa; Serotype O; Xenoepitope

No. 527

Farid, A. Hossain; Hussain, Irshad

A comparison between intraperitoneal injection and intranasal and oral inoculation of mink with Aleutian mink disease virus

Research in Veterinary Science v. 124, 2019: p. 85-92

10.1016/j.rvsc.2019.02.006

Aleutian mink disease virus; American mink; Anti-AMDV antibody; Histology; Inoculation routes

No. 522

Shen, Qingshan; Wang, Hang; Zhang, Chunhui; Qin, Xiaojie; Jia, Wei; Xu, Xiong; Richel, Aurore; Zheng, Qiankun

Liquefaction of porcine hoof shell to prepare peptone substitute by instant catapult steam explosion

Journal of Bioscience and Bioengineering v. , 2019: p.

10.1016/j.jbiosc.2019.09.019

Animal by-products management; Instant catapult steam explosion; Liquefaction; Peptone substitutes; Porcine hoof shells

No. 524

Diez-Olivan, Alberto; Averós, Xavier; Sanz, Ricardo; Sierra, Basilio; Estevez, Inma

Quantile regression forests-based modeling and environmental indicators for decision support in broiler farming

Computers and Electronics in Agriculture v. 161, 2019: p. 141-150

10.1016/j.compag.2018.03.025

Animal welfare; Machine learning; Broiler meat chicken; Data processing; Efficient production; Random forests

No. 526

Wilson, Tim J.

The impact of Brexit on the future of UK forensic science and technology

Forensic Science International v. 302, 2019: p. 109870

10.1016/j.forsciint.2019.06.028

Brexit; Fiscal austerity; Forensic science and technology; International criminal justice cooperation; National science policy

No. 528

Sanada, Takahiro; Yasui, Fumihiko; Honda, Tomoko; Kayesh, Mohammad Enamul Hoque; Takano, Jun-ichiro; Shioyama, Yumiko; Yasutomi, Yasuhiro; Tsukiyama-Kohara, Kyoko; Kohara, Michinori

Avian H5N1 influenza virus infection causes severe pneumonia in the Northern tree shrew (Tupaia belangeri)

Virology v. 529, 2019: p. 101-110

10.1016/j.virol.2019.01.015

H5N1; Avian influenza virus; H7N9; Tree shrew

No. 529

Beggs, D.S.; Jongman, E.C.; Hemsworth, P.H.; Fisher, A.D.

Lame cows on Australian dairy farms: A comparison of farmer-identified lameness and formal lameness scoring, and the position of lame cows within the milking order

Journal of Dairy Science v. 102, 2019 : p. 1522-1529
10.3168/jds.2018-14847

dairy cow; lameness prevalence; lameness scoring

No. 531

Oliveira, H.R.; Brito, L.F.; Silva, F.F.; Lourenco, D.A.L.; Jamrozik, J.; Schenkel, F.S.

Genomic prediction of lactation curves for milk, fat, protein, and somatic cell score in Holstein cattle

Journal of Dairy Science v. 102, 2019: p. 452-463
10.3168/jds.2018-15159

random regression model; genomic breeding value; longitudinal trait; days in milk

No. 533

Fukimoto, Naila; Melo, Diogo; Palme, Rupert; Zanella, Adroaldo J.; Mendonça-Furtado, Olívia

Are cats less stressed in homes than in shelters? A study of personality and faecal cortisol metabolites

Applied Animal Behaviour Science v. , 2019: p. 104919
10.1016/j.applanim.2019.104919

Cat owners; Faecal cortisol metabolites; Feline personality; Individual differences; Shelter adoption

No. 535

Laodim, Thawee; Elzo, Mauricio A.; Koonawootrittriron, Skorn; Suwanasopee, Thanathip; Jattawa, Danai

Genomic-polygenic and polygenic predictions for milk yield, fat yield, and age at first calving in Thai multibreed dairy population using genic and functional sets of genotypes

Livestock Science v. 219, 2019: p. 17-24
10.1016/j.livsci.2018.11.008

Milk production; Genomic; Dairy cattle; Genetic evaluation; Tropical regions

No. 530

Groenestein, C.M.; Hutchings, N.J.; Haenel, H.D.; Amon, B.; Menzi, H.; Mikkelsen, M.H.; Misselbrook, T.H.; van Bruggen, C.; Kupper, T.; Webb, J.

Comparison of ammonia emissions related to nitrogen use efficiency of livestock production in Europe

Journal of Cleaner Production v. 211, 2019: p. 1162-1170
10.1016/j.jclepro.2018.11.143

Animal protein; Ammonia emission intensity; Feed nitrogen; Manure management; Nitrogen use efficiency

No. 532

Silva, Vanessa A.; Bertechini, Antônio G.; Nogueira, Bernardo R.F.; Ribeiro, Heloísa V.; Mencalha, Raquel; Ramos, Eduardo M.

Selenium Yeast Supplementation for Broilers at Different Ages
Journal of Applied Poultry Research v. 28, 2019: p. 1021-1027

10.3382/japr/pfz063

poultry; meat quality; organic mineral

No. 534

Kılıç, Birol; Özer, Cem Okan

Potential use of interesterified palm kernel oil to replace animal fat in frankfurters

Meat Science v. 148, 2019: p. 206-212
10.1016/j.meatsci.2018.08.024

Fatty acid composition; Frankfurter; Interesterified palm kernel oil

No. 536

Clark, Stephanie D.; Smidt, Jessica M.; Bauer, Brent A.

Welfare considerations: Salivary cortisol concentrations on frequency of therapy dog visits in an outpatient hospital setting: A pilot study

Journal of Veterinary Behavior v. 30, 2019: p. 88-91
10.1016/j.jveb.2018.12.002

welfare; cortisol; animal assisted therapy; therapy dog

No. 537

Torres, G.; Vargas, K.; Sánchez-Jiménez, M.; Reyes-Velez, J.; Olivera-Angel, M.

Genotypic and phenotypic characterization of biofilm production by *Staphylococcus aureus* strains isolated from bovine intramammary infections in Colombian dairy farms

Heliyon v. 5, 2019 : p. e02535

10.1016/j.heliyon.2019.e02535

Bacteria; Animal science; Microbiology; Mastitis; Biofilms; Genotype; Microbial genomics; Microorganism

No. 539

Navas, F.J.; Jordana, J.; McLean, A.K.; León, J.M.; Barba, C.J.; Arando, A.; Delgado, J.V.

Modelling for the inheritance of multiple births and fertility in endangered equids: Determining risk factors and genetic parameters in donkeys (*Equus asinus*)

Research in Veterinary Science v. 126, 2019: p. 213-226

10.1016/j.rvsc.2019.09.007

Heritability; Risk factors; Gibbs sampling; Donkey; Twinning

No. 541

Ørstrup, Laura Hvidsten; Tvilling, Laura; Orlowski, Dariusz; Zaer, Hamed; Bjarkam, Carsten Reidies; von Voss, Pia; Andersen, Pia Skårup; Christoffersen, Berit Ø.; Hedemann Sørensen, Jens Christian; Laursen, Torben; Thygesen, Peter; Lykkesfeldt, Jens; Glud

Towards a Göttingen minipig model of adult onset growth hormone deficiency: evaluation of stereotactic electrocoagulation method

Heliyon v. 5, 2019: p. e02892

10.1016/j.heliyon.2019.e02892

Neuroscience; Metabolism; Surgery; Endocrinology; Göttingen minipig; Growth hormone deficiency; Hypophysectomy; Large animal modelling; Metabolic disorder; Neurosurgery; Physiology; Stereotaxic surgery; Sus scrofa

No. 543

Chegini, Arash; Ghavi Hossein-Zadeh, Navid; Hosseini Moghaddam, Seyed Hossein; Shadparvar, Abdol Ahad

Genetic aspects of some reproductive, udder health and energy status traits in Holstein cows

Theriogenology v. 130, 2019: p. 1-7

10.1016/j.theriogenology.2019.02.027

Heritability; Genetic correlation; Gibbs sampling methodology; Reproductive trait; Udder health trait

No. 538

Wang, Yanan; Hu, Yongfei; Cao, Jian; Bi, Yuhai; Lv, Na; Liu, Fei; Liang, Shihao; Shi, Yi; Jiao, Xinan; Gao, George Fu; Zhu, Baoli

Antibiotic resistance gene reservoir in live poultry markets

Journal of Infection v. 78, 2019: p. 445-453

10.1016/j.jinf.2019.03.012

Metagenomics; Antibiotic resistance genes (ARGs); Live poultry markets (LPMs); Poultry microbiome; Tetracycline resistance (TcR)

No. 540

da S. dos Santos, Daiane; Klauck, Vanderlei; Campigotto, Gabriela; Alba, Davi F.; dos Reis, João H.; Gebert, Roger R.; Souza, Carine F.; Baldissera, Matheus D.; Schogor, Ana Luiza B.; Santos, Ingrid D.; Wagner, Roger; Vedovatto, Marcelo; Da Silva, Aleksan

Benefits of the inclusion of açai oil in the diet of dairy sheep in heat stress on health and milk production and quality

Journal of Thermal Biology v. 84, 2019: p. 250-258

10.1016/j.jtherbio.2019.07.007

Sheep; Milk; Lactation; Animal health; Heat stress; Açai oil; Productive efficiency

No. 542

Navas González, Francisco Javier; Jordana Vidal, Jordi; León Jurado, José Manuel; McLean, Amy Katherine; Delgado Bermejo, Juan Vicente

Dumb or smart asses? Donkey's (*Equus asinus*) cognitive capabilities share the heritability and variation patterns of human's (*Homo sapiens*) cognitive capabilities

Journal of Veterinary Behavior v. 33, 2019: p. 63-74

10.1016/j.jveb.2019.06.007

asses; cognition; genetic parameters; intelligence quotient

No. 544

Lv, Weiwei; Zhou, Wenzong; Lu, Shibo; Huang, Weiwei; Yuan, Quan; Tian, Minglu; Lv, Weiguang; He, Defu

Microplastic pollution in rice-fish co-culture system: A report of three farmland stations in Shanghai, China

Science of The Total Environment v. 652, 2019: p. 1209-1218

10.1016/j.scitotenv.2018.10.321

Agroecosystem; Aquatic animals; Microplastics; Rice-fish co-culture

No. 545

Merrill, C.; Ensermu, D.B.; Abdi, R.D.; Gillespie, B.E.; Vaughn, J.; Headrick, S.I.; Hash, K.; Walker, T.B.; Stone, E.; Kerro Dego, O.

Immunological responses and evaluation of the protection in dairy cows vaccinated with staphylococcal surface proteins

Veterinary Immunology and Immunopathology v. 214, 2019 : p. 109890
10.1016/j.vetimm.2019.109890

Vaccine; Mastitis; Immune response; Protective effect; Surface protein

No. 547

Oliveira, V.da S.; Oliveira, R.L.; Goes, R.H.T.B.; Silva, T.M.; Silva, L.F.; Freitas, L.S.; Pereira, E.S.; Bezerra, L.R.

Physicochemical composition, fatty acid profile and sensory attributes of the meat of young Nellore bulls fed sunflower cake from the biodiesel industry

Livestock Science v. 227, 2019: p. 97-104

10.1016/j.livsci.2019.07.012

Tenderness; Meat composition; Fatty acid; Hair sheep

No. 549

Kwong, Manlik; Gardner, Heather L.; Dieterle, Neil; Rentko, Virginia

Optimization of Electronic Medical Records for Data Mining Using a Common Data Model

Topics in Companion Animal Medicine v. 37, 2019: p. 100364

10.1016/j.tcam.2019.100364

research; infrastructure; COHA; electronic health record; OMOP; veterinary

No. 551

Modrackova, Nikol; Makovska, Marie; Mekadim, Chahrazed; Vlkova, Eva; Tejnecky, Vaclav; Bolechova, Petra; Bunesova, Vera

Prebiotic potential of natural gums and starch for bifidobacteria of variable origins

Bioactive Carbohydrates and Dietary Fibre v. 20, 2019: p. 100199

10.1016/j.bcdf.2019.100199

Natural gums; Origin; Prebiotic; SCFAs; Starch; Substrate

No. 546

Li, Zhipeng; Campbell, Roderick

Puppies for the Ancestors: The many roles of Shang dogs

Archaeological Research in Asia v. 17, 2019: p. 161-172

10.1016/j.ara.2018.12.001

Ritual; Dogs; Zooarchaeology; Animal sacrifice; Chinese archaeology; Ontology; Shang dynasty

No. 548

Ornelas, L.T.C.; Silva, D.C.; Tomich, T.R.; Campos, M.M.; Machado, F.S.; Ferreira, A.L.; Maurício, R.M.; Pereira, L.G.R.

Differences in methane production, yield and intensity and its effects on metabolism of dairy heifers

Science of The Total Environment v. 689, 2019: p. 1133-1140

10.1016/j.scitotenv.2019.06.489

Greenhouse gas; Climate change; Calorimetry; Nitrogen utilization; Respiration assay

No. 550

Cristo, T.G.; Biezu, G.; Noronha, L.F.; Gaspar, T.; Dal Pont, T.P.; Withoeft, J.A.; Furlan, L.V.; Costa, L.S.; Traverso, S.D.; Casagrande, R.A.

Feline Leukaemia Virus Associated with Leukaemia in Cats in Santa Catarina, Brazil

Journal of Comparative Pathology v. 170, 2019: p. 10-21

10.1016/j.jcpa.2019.05.002

cat; feline immunodeficiency virus; feline leukaemia virus; leukaemia

No. 552

Bazzano, Marilena; McLean, Amy; Tesei, Beniamino; Gallina, Elisa; Laus, Fulvio

Selenium and Vitamin E Concentrations in a Healthy Donkey Population in Central Italy

Journal of Equine Veterinary Science v. 78, 2019: p. 112-116

10.1016/j.jevs.2019.04.003

Selenium; Vitamin E; Dairy donkeys; Donkeys; Plasma concentrations

No. 553

Bertelsen, Maja; Jensen, Margit Bak

Does dairy calves' motivation for social play behaviour build up over time?

Applied Animal Behaviour Science v. 214 , 2019 : p. 18-24

10.1016/j.applanim.2019.02.017

Animal welfare; Arena test; Dairy calves; Motivational build-up; Play behaviour

No. 554

Rae, Caitlin; Hyndes, Glenn A.; Schlacher, Thomas A.

Trophic ecology of ghost crabs with diverse tastes: Unwilling vegetarians

Estuarine, Coastal and Shelf Science v. 224, 2019: p. 272-280

10.1016/j.ecss.2019.02.023

Ghost crabs; Marine detritus; Sandy beach ecology; Trophic connectivity; Trophic subsidy

No. 555

Costa, C.F.; Brichi, A.L.C.; Millen, D.D.; Goulart, R.S.; Pereira, I.C.; Estevam, D.D.; Perdigão, A.; Martins, C.L.; Arrigoni, M.D.B.

Feedlot performance, carcass characteristics and meat quality of Nellore bulls and steers fed Zilpaterol hydrochloride

Livestock Science v. 227, 2019: p. 166-174

10.1016/j.livsci.2019.07.017

Performance; Bulls; Zilpaterol; Feedlot; Nellore; Steers

No. 556

Salgado, Iván; Alfaro-Ponce, Mariel; Camacho, Oscar; Chairez, Isaac

Robust identification of unknown inputs in electrical stimulation of ex-vivo animal models

Biomedical Signal Processing and Control v. 52, 2019: p. 103-110

10.1016/j.bspc.2019.03.013

Differential neural network; Electrophysiological response; Sliding mode; Super-twisting algorithm; Unknown input observers

No. 557

Caetano, M.; Goulart, R.S.; Rizzo, P.M.; Silva, S.L.; Drouillard, J.S.; Leme, P.R.; Lanna, D.P.D.

Impact of flint corn processing method and dietary starch concentration on finishing performance of Nellore bulls

Animal Feed Science and Technology v. 251, 2019: p. 166-175

10.1016/j.anifeedsci.2019.03.006

Beef cattle; Ruminants; Fecal; Finely ground corn; Flint corn; High-moisture corn

No. 558

de Freslon, Inès; Martínez-López, Beatriz; Belkhiria, Jaber; Strappini, Ana; Monti, Gustavo

Use of social network analysis to improve the understanding of social behaviour in dairy cattle and its impact on disease transmission

Applied Animal Behaviour Science v. 213, 2019: p. 47-54

10.1016/j.applanim.2019.01.006

Dairy cattle; Contact network; Exponential random graph models; Leptospirosis; Sexual behaviour

No. 559

Pirmoghani, Amin; Salehi, Iraj; Moradkhani, Shirin; Karimi, Seyed Asaad; Salehi, Sakineh

Effect of Crataegus extract supplementation on diabetes induced memory deficits and serum biochemical parameters in male rats

IBRO Reports v. 7, 2019: p. 90-96

10.1016/j.ibror.2019.10.004

Wistar rats; Crataegus extract; Diabetes mellitus; Learning and memory; Lipid profile

No. 560

Gkarane, Vasiliki; Brunton, Nigel P.; Allen, Paul; Gravador, Rufielyn S.; Claffey, Noel A.; Diskin, Michael G.; Fahey, Alan G.; Farmer, Linda J.; Moloney, Aidan P.; Alcalde, Maria J.; Murphy, Patrick; Monahan, Frank J.

Effect of finishing diet and duration on the sensory quality and volatile profile of lamb meat

Food Research International v. 115, 2019: p. 54-64

10.1016/j.foodres.2018.07.063

Silage; Concentrate; Animal feed; Discriminant analysis; Palatability; SPME/GC/MS

No. 561

O' Mahony, Niall; Campbell, Sean; Carvalho, Anderson; Krpalkova, Lenka; Riordan, Daniel; Walsh, Joseph

3D Vision for Precision Dairy Farming

IFAC-PapersOnLine v. 52 , 2019 : p. 312-317

10.1016/j.ifacol.2019.12.555

Automation; Automation in Animal Farming; Robotics in Agriculture; Sensing

No. 563

Zhang, Li; Huang, Yuemeng; Wang, Meng; Guo, Yafen; Liang, Jing; Yang, Xiurong; Qi, Wenjing; Wu, Yanjun; Si, Jinglei; Zhu, Siran; Li, Zhe; Li, Ruiqiang; Shi, Chao; Wang, Shuo; Zhang, Qunjie; Tang, Zhonglin; Wang, Lixian; Li, Kui; Fei, Ji-Feng; Lan, Ganqiu

Development and Genome Sequencing of a Laboratory-Inbred Miniature Pig Facilitates Study of Human Diabetic Disease

iScience v. 19, 2019: p. 162-176

10.1016/j.isci.2019.07.025

Transcriptomics; Biological Sciences; Genomics; Gene Ontology; Genomic Analysis; Omics; Sequence Analysis

No. 565

Högberg, Niclas; Lidfors, Lena; Hessle, Anna; Arvidsson Segerkvist, Katarina; Herlin, Anders; Höglund, Johan

Effects of nematode parasitism on activity patterns in first-season grazing cattle

Veterinary Parasitology: X v. 1, 2019: p. 100011

10.1016/j.vpoa.2019.100011

Activity; Cattle; Behaviour; Animal welfare; Gastrointestinal nematodes; Health monitoring; Pasture

No. 567

Carrara, Eula Regina; Gaya, Leila de Genova; Petrini, Juliana; Paiva, José Teodoro de; Salvian, Mayara; Rovadoscki, Gregori Alberto; Machado, Paulo Fernando; Mourão, Gerson Barreto

Genetic and phenotypic trends for milk fatty acids in a Holstein cattle population reared under tropical conditions

Livestock Science v. 228, 2019: p. 84-92

10.1016/j.livsci.2019.08.006

Selection; Dairy cattle; Bayesian inference; EBV; Linear regression; Milk fat

No. 562

Claudino da Silva, Stefania Caroline; Lala, Bruno; Carniatto, Caio Henrique de Oliveira; Schamber, Christiano Rodrigues; Nascimento, Carlos Souza; Braccini, Graciela Lucca; Porto, Carla; Roldi, Gabriel; Tanamati, Fernanda; Gasparino, Eliane

Fumonisin affects performance and modulates the gene expression of IGF-1 and GHR in Nile tilapia fingerlings and juveniles

Aquaculture v. 507, 2019: p. 233-237

10.1016/j.aquaculture.2019.04.027

Performance; Feed conversion; Weight gain

No. 564

Sadeghi, Mohammad-Hadi; Sari, Mohsen; abadi, Tahereh Mohammad; Rezai, Morteza

Effect of a short-term training on intake of Halocnemum strobilaceum forage by sheep

Applied Animal Behaviour Science v. 213, 2019: p. 74-80

10.1016/j.applanim.2019.02.011

Training; Ewe lambs; Feed preference; Neophobia

No. 566

Krug, Jacob T.; Klein, Adam K.; Purvis, Erin M.; Ayala, Kathy; Mayes, Matthew S.; Collins, Lisette; Fisher, Matthew P.A.; Ettenberg, Aaron

Effects of chronic lithium exposure in a modified rodent ketamine-induced hyperactivity model of mania

Pharmacology Biochemistry and Behavior v. 179, 2019: p. 150-155

10.1016/j.pbb.2019.01.003

Animal model; Lithium; Mania; Ketamine; Locomotor activity

No. 568

Sahagun, Elizabeth; Ward, Lauren M.; Kinzig, Kimberly P.

Attenuation of stress-induced weight loss with a ketogenic diet

Physiology & Behavior v. 212, 2019: p. 112654

10.1016/j.physbeh.2019.112654

Animal model; Chronic stress; Hypothalamic-pituitary-adrenal axis; Ketogenic diet; Mood disorders

No. 569

Sankey, Daniel W.E.; Shepard, Emily L.C.; Biro, Dora; Portugal, Steven J.
Speed consensus and the 'Goldilocks principle' in flocking birds
(*Columba livia*)

Animal Behaviour v. 157, 2019 : p. 105-119

10.1016/j.anbehav.2019.09.001

collective behaviour; coordination; flight dynamics; movement ecology; social behaviour; trade-offs

No. 570

Nagakura, Yukinori; Miwa, Machiko; Yoshida, Miku; Miura, Reina; Tanei, Shigeharu; Tsuji, Minoru; Takeda, Hiroshi

Spontaneous pain-associated facial expression and efficacy of clinically used drugs in the reserpine-induced rat model of fibromyalgia

European Journal of Pharmacology v. 864, 2019: p. 172716

10.1016/j.ejphar.2019.172716

Animal model; Analgesic efficacy translation; Facial expression; Fibromyalgia; Non-organic pain; Spontaneous pain measure

No. 571

Steinert, Katrin; Kuhne, Franziska; Kramer, Martin; Hackbarth, Hansjoachim

People's perception of brachycephalic breeds and breed-related welfare problems in Germany

Journal of Veterinary Behavior v. 33, 2019: p. 96-102

10.1016/j.jveb.2019.06.006

animal welfare; brachycephalic; conformation; dog; suffering

No. 572

Wilson, Cara S.; Brookes, Victoria J.; Barnes, Tamsin S.; Woodgate, Rob G.; Peters, Andrew; Jenkins, David J.

Revisiting cyst burden and risk factors for hepatic hydatid disease (*Echinococcus granulosus sensu stricto*) in Australian beef cattle

Preventive Veterinary Medicine v. 172, 2019: p. 104791

10.1016/j.prevetmed.2019.104791

Beef cattle; Risk factors; sensu stricto; Australia; Hepatic hydatid disease; Liver hydatid cysts

No. 573

Gadberry, M.S.; Robinson, J.; Looper, M.L.; Justice, T.; Montgomery, P.; Jennings, J.; Beck, P.A.; Russell, M.; Ward, H.; Kimbrough, C.

Arkansas beef cattle industry: 2017 self-assessment

Applied Animal Science v. 35, 2019: p. 357-370

10.15232/aas.2019-01859

cattle; survey; assessment; industry

No. 574

Oliveira, Alandeom W.; Barnes, Erica M.

Elementary students' socialization into science reading

Teaching and Teacher Education v. 81, 2019: p. 25-37

10.1016/j.tate.2019.02.007

Elementary science reading; Literacy orientation; Science gesticulation; Science read-alouds; Student socialization

No. 575

Anhalt-Depies, Christine; Stenglein, Jennifer L.; Zuckerberg, Benjamin; Townsend, Philip A.; Rissman, Adena R.

Tradeoffs and tools for data quality, privacy, transparency, and trust in citizen science

Biological Conservation v. 238, 2019: p. 108195

10.1016/j.biocon.2019.108195

Data sharing; Information privacy; Open data; Resource security

No. 576

van der Linden, Dirk; Zamansky, Anna; Hadar, Irit; Craggs, Barnaby

Developing for non-human users: Reflecting on practical implications in the ubiquitous computing era

Journal of Industrial Information Integration v. 14, 2019: p. 50-58

10.1016/j.jii.2018.07.001

Animal-computer interaction; Requirements engineering; Technology development; User-centered design

No. 577

Wang, Haiyan; Liu, Qiang; Jiang, Xiumei; Zhang, Ying; Zhao, Aiyun; Cui, Zhaohui; Li, Dongfang; Qi, Meng; Zhang, Longxian

Dominance of zoonotic genotype D of Enterocytozoon bieneusi in bamboo rats (*Rhizomys sinensis*)

Infection, Genetics and Evolution v. 73, 2019 : p. 113-118
10.1016/j.meegid.2019.04.025

Genotype; Bamboo rats; Zoonotic

No. 578

Souza-Cácares, M.B.; Fialho, A.L.L.; Silva, W.A.L.; Cardoso, C.J.T.; Pöhland, R.; Martins, M.I.M.; Melo-Sterza, F.A.

Oocyte quality and heat shock proteins in oocytes from bovine breeds adapted to the tropics under different conditions of environmental thermal stress

Theriogenology v. 130, 2019: p. 103-110

10.1016/j.theriogenology.2019.02.039

Bovine; Black globe humidity index; Heat shock protein; Oocyte quality; Respiratory frequency

No. 579

Evans, Jacqueline C.; Morgan, Jeffrey D.; Castaneda, Maria G.; Boudreau, Susan M.; Maddry, Joseph K.; Anderson, Kenton L.

A Traumatic Pulseless Electrical Activity Model: Mortality Increases With Hypovolemia Time

Journal of Surgical Research v. 243, 2019: p. 301-308

10.1016/j.jss.2019.05.037

Animal model; Cardiac arrest; Hemodynamics; Hemorrhage; Hyperkalemia; Trauma

No. 580

Capcarova, Marcela; Kalafova, Anna; Schwarzova, Marianna; Schneidgenova, Monika; Svik, Karol; Prnova, Marta Soltesova; Slovak, Lukas; Kovacik, Anton; Lory, Viktoria; Zorad, Stefan; Brindza, Jan

Cornelian cherry fruit improves glycaemia and manifestations of diabetes in obese Zucker diabetic fatty rats

Research in Veterinary Science v. 126, 2019: p. 118-123

10.1016/j.rvsc.2019.08.024

Treatment; Diabetes; Cornelian cherry; Obesity

No. 581

Fortuoso, Bruno F.; Baldissera, Matheus D.; Souza, Carine F.; Griss, Luiz Gustavo; Casagrande, Renata A.; de Cristo, Thierry G.; Santiani, Fábio; da Cunha, Marily G.; Boiago, Marcel M.; Stefani, Lenita M.; Da Silva, Aleksandro S.

Impairment of the phosphotransfer network and performance in broiler chickens experimentally infected by *Eimeria* spp.: The role of the oxidative stress

Parasitology International v. 70, 2019: p. 16-22

10.1016/j.parint.2019.01.004

Performance; Adenylate kinase; Creatine kinase; Eimeriosis; Oxidation

No. 582

Xue, M.Y.; Sun, H.Z.; Wu, X.H.; Guan, L.L.; Liu, J.X.

Assessment of rumen bacteria in dairy cows with varied milk protein yield

Journal of Dairy Science v. 102, 2019: p. 5031-5041

10.3168/jds.2018-15974

dairy cow; 16S rRNA gene sequencing; milk protein yield; rumen bacteria

No. 583

Franchi, Guilherme Amorim; Herskin, Mette S.; Jensen, Margit Bak

Do dietary and milking frequency changes during a gradual dry-off affect feed-related attention bias and visual lateralisation in dairy cows?

Applied Animal Behaviour Science v. , 2019: p. 104923

10.1016/j.applanim.2019.104923

Dairy cow; Dry-off; Feed-related attention bias; Feeding motivation; Hunger; Visual lateralisation

No. 584

Miguel, Sandro René Pinto de Sousa; Ligabue-Braun, Rodrigo

Hypothesis: Compulsive hoarding as an atavism

Medical Hypotheses v. 130, 2019: p. 109273

10.1016/j.mehy.2019.109273

Animal models; Genetics; Shrew

No. 585

Wolff, Inga; Klein, Sandrina; Rauch, Elke; Erhard, Michael; Mönch, Julia; Härtle, Sonja; Schmidt, Paul; Louton, Helen

Harvesting-induced stress in broilers: Comparison of a manual and a mechanical harvesting method under field conditions

Applied Animal Behaviour Science v. 221 , 2019 : p. 104877
10.1016/j.applanim.2019.104877

Stress; Behaviour observation; Broiler harvesting; Manual harvesting; Mechanical harvesting

No. 586

Jaguezeski, Antonise M.; Souza, Carine F.; Perin, Gessica; Reis, João H.; Gomes, Teane M.A.; Baldissera, Matheus D.; Vaucher, Rodrigo A.; de Andrade, Cinthia M.; Stefani, Lenita M.; Gundel, Samanta S.; Ourique, Aline F.; Da Silva, Aleksandro S.

Effect of free and nano-encapsulated curcumin on treatment and energetic metabolism of gerbils infected by *Listeria monocytogenes*

Microbial Pathogenesis v. 134, 2019: p. 103564
10.1016/j.micpath.2019.103564

No. 587

Sadeghi-Dehkordi, Zainab; Norouzi, Ebrahim; Rezaeian, Hidokht; Nourian, Alireza; Noaman, Vahid; Sazmand, Alireza

First insight into Encephalitozoon cuniculi infection in laboratory and pet rabbits in Iran

Comparative Immunology, Microbiology and Infectious Diseases v. 65, 2019: p. 37-40

10.1016/j.cimid.2019.04.005

Zoonosis; Encephalitozoonosis; Hamedan; Karaj

No. 588

Isa, Adamu Mani; Bemji, Martha N.; Wheto, Mathew; Williams, Tolulope J.; Ibeagha-Awemu, Eveline M.

Characterization of gonadotropin releasing hormone receptor gene in Sokoto and Kalahari Red goats

Animal Reproduction Science v. 208, 2019: p. 106109
10.1016/j.anireprosci.2019.106109

Goat; GnRHR; Litter size

No. 589

Zhang, Xue-Lian; Li, Xiao-Wen; Li, Wen-Feng; Huang, Shu-Jian; Shao, Jian-Wei

Molecular detection and characterization of Bartonella spp. in pet cats and dogs in Shenzhen, China

Acta Tropica v. 197, 2019: p. 105056

10.1016/j.actatropica.2019.105056

spp.; Molecular detection and characterization; Pet cats and dogs; Shenzhen

No. 590

Sun, Lv-Hui; Huang, Jia-Qiang; Deng, Jiang; Lei, Xin Gen

Avian selenogenome: response to dietary Se and vitamin E deficiency and supplementation

Poultry Science v. 98, 2019: p. 4247-4254

10.3382/ps/pey408

gene expression; Avian; oxidative stress; selenium; selenoprotein

No. 591

Bougouin, A.; Appuhamy, J. A. D. Ranga Niroshan; Ferlay, A.; Kebreab, E.; Martin, C.; Moate, P.J.; Benchaar, C.; Lund, P.; Eugène, M.

Individual milk fatty acids are potential predictors of enteric methane emissions from dairy cows fed a wide range of diets: Approach by meta-analysis

Journal of Dairy Science v. 102, 2019: p. 10616-10631

10.3168/jds.2018-15940

dairy cow; methane emissions; milk fatty acids; prediction model

No. 592

Abbas, Mazhar; Hussain, Tariq; Arshad, Muhammad; Ansari, Abdur Rahman; Irshad, Asma; Nisar, Jan; Hussain, Fida; Masood, Nasir; Nazir, Arif; Iqbal, Munawar

Wound healing potential of curcumin cross-linked chitosan/polyvinyl alcohol

International Journal of Biological Macromolecules v. 140, 2019: p. 871-876

10.1016/j.ijbiomac.2019.08.153

Antioxidant; Curcumin; Wound healing; Antibacterial; Chitosan-PVA

No. 593

Oliveira, H.R.; Lourenco, D.A.L.; Masuda, Y.; Misztal, I.; Tsuruta, S.; Jamrozik, J.; Brito, L.F.; Silva, F.F.; Schenkel, F.S.

Application of single-step genomic evaluation using multiple-trait random regression test-day models in dairy cattle

Journal of Dairy Science v. 102 , 2019 : p. 2365-2377
10.3168/jds.2018-15466

longitudinal trait; Ayrshire; Holstein; Jersey

No. 595

Carvalho, Tiago Pinheiro Vaz de; Peixoto, Christina Alves; Paiva, Igor Henrique Rodrigues de; Arcoverde, Rodrigo Moraes Loyo; Nascimento, Wheverton Correia do; Vasconcelos, Luydson Richardson Silva; Gomes, Elaine Christine de Souza; Barbosa, Constança Cl

Does physical exercise influence in the development of neuroschistosomiasis?

Brain Research Bulletin v. 152, 2019: p. 311-322

10.1016/j.brainresbull.2019.07.029

Animal models; Neuroschistosomiasis; Nociception test; Spinal cord disease

No. 597

Hightower, Bri; Lovato, Silvia; Davison, Jordan; Wartella, Ellen; Piper, Anne Marie

Haptic explorers: Supporting science journaling through mobile haptic feedback displays

International Journal of Human-Computer Studies v. 122, 2019: p. 103-112

10.1016/j.ijhcs.2018.09.005

Children; Haptic feedback; Mobile devices; Science learning

No. 599

Rouyan, Anahita

Reforming uncultivated minds: The species transmutation debate and American science of life in the antebellum agricultural press, 1820–1859

Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences v. 76, 2019: p. 101170

10.1016/j.shpsc.2019.01.006

Evolution; Agricultural science; Agricultural periodicals; Botany; Science popularization; Science professionalization

No. 594

Choi, Kwang-Hwan; Lee, Dong-Kyung; Kim, Sung Woo; Woo, Sang-Ho; Kim, Dae-Yong; Lee, Chang-Kyu

Chemically Defined Media Can Maintain Pig Pluripotency Network In Vitro

Stem Cell Reports v. 13, 2019: p. 221-234

10.1016/j.stemcr.2019.05.028

pig; embryonic stem cells; pluripotency; pluripotent stem cells; preimplantation embryo; primed state; teratoma; transcriptome analysis

No. 596

Guerrero, Silvia; Sebastián-Enesco, Carla; Pérez, Natalia; Enesco, Ileana

Myths in science: Children trust but do not retain their teacher's information

Journal of Applied Developmental Psychology v. 62, 2019: p. 116-121

10.1016/j.appdev.2019.02.007

Science; Learning from testimony; Schoolteacher; Trust

No. 598

Hamamoto Filho, Pedro Tadao; Fogaroli, Marcelo Ortolani; Oliveira, Marcelo Augusto Chiantelli; Oliveira, Cristiano Claudino; Batah, Sabrina Setembre; Fabro, Alexandre Todorovic; Vulcano, Luiz Carlos; Bazan, Rodrigo; Zanini, Marco Antônio

A Rat Model of Neurocysticercosis-Induced Hydrocephalus: Chronic Progressive Hydrocephalus with Mild Clinical Impairment

World Neurosurgery v. 132, 2019: p. e535-e544

10.1016/j.wneu.2019.08.085

Hydrocephalus; Kaolin; Neurocysticercosis; Ventricular dilatation

No. 600

Martins, Marina; Justi, Rosária

Analysis of the relationships between students' argumentation and their views on nature of science

Learning, Culture and Social Interaction v. , 2019: p. 100366

10.1016/j.lcsi.2019.100366

Argumentative clusters; Argumentative reasoning; Disciplines of science; Nature of science

No. 601

Kolenda, Magdalena; Grochowska, Ewa; Milewski, Stanisław; Mroczkowski, Sławomir

The association between the polymorphism in the myostatin gene and growth traits in Kamieniec and Pomeranian sheep breeds

Small Ruminant Research v. 177 , 2019 : p. 29-35
10.1016/j.smallrumres.2019.06.007

Sheep; Growth; Polymorphism; Myostatin

No. 602

Wiśniewska, Marcjanna; Janczarek, Iwona; Wilk, Izabela; Wnuk-Pawlak, Elżbieta

Use of Music Therapy in Aiding the Relaxation of Geriatric Horses

Journal of Equine Veterinary Science v. 78, 2019: p. 89-93

10.1016/j.jevs.2018.12.011

Heart rate variability; Geriatric horse; Music therapy

No. 603

Ouyang, Yilan; Han, Xiaorui; Yu, Yanlei; Chen, Jianle; Fu, Li; Zhang, Fuming; Linhardt, Robert J.; Fareed, Jawed; Hoppensteadt, Debra; Jeske, Walter; Kouta, Ahmed; Zhang, Zhenqing; Xia, Ke

Chemometric analysis of porcine, bovine and ovine heparins

Journal of Pharmaceutical and Biomedical Analysis v. 164, 2019: p. 345-352

10.1016/j.jpba.2018.10.052

Chemometrics; Classification; Mass spectrometry; Animal origin; H NMR spectroscopy; Heparin

No. 604

Borges, Aline Morás; Ferrari, Renata Sallati; Thomaz, Leonardo Dalla Giacomassa Rocha; Ulbrich, Jane Maria; Félix, Elaine Aparecida; Silvello, Daiane; Andrade, Cristiano Feijó

Challenges and perspectives in porcine model of acute lung injury using oleic acid

Pulmonary Pharmacology & Therapeutics v. 59, 2019: p. 101837

10.1016/j.pupt.2019.101837

Animal experimentation; Hemodynamics; Acute lung injury; Oleic acid; Respiratory mechanics

No. 605

Schiavo, Giuseppina; Bovo, Samuele; Tinarelli, Silvia; Bertolini, Francesca; Dall'Olio, Stefania; Gallo, Maurizio; Fontanesi, Luca

Genome-wide association analyses for several exterior traits in the autochthonous Casertana pig breed

Livestock Science v. 230, 2019: p. 103842

10.1016/j.livsci.2019.103842

Sus scrofa; Animal genetic resource; Coat colour; Ear conformation; Single nucleotide polymorphism; Wattle

No. 606

Cannady, Matthew A.; Vincent-Ruz, Paulette; Chung, Joo Man; Schunn, Christian D.

Scientific sensemaking supports science content learning across disciplines and instructional contexts

Contemporary Educational Psychology v. 59, 2019: p. 101802

10.1016/j.cedpsych.2019.101802

Science learning; Middle school; Scientific practices; Scientific sensemaking

No. 607

Bacarella, Nicole; Ruggiero, Alistaire; Davis, Ashley T.; Uberseder, Beth; Davis, Matthew A.; Bracy, Deanna P.; Wasserman, David H.; Cline, J. Mark; Sherrill, Chrissy; Kavanagh, Kylie

Whole Body Irradiation Induces Diabetes and Adipose Insulin Resistance in Nonhuman Primates

International Journal of Radiation Oncology*Biophysics v. , 2019: p.

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No. 608

Kornblith, Aaron E.; Budak, Jehan Z.; Simeone, Claire A.; Nuckton, Thomas J.

Severe Sea Lion Bites in Urban Cold-Water Swimmers

The Journal of Emergency Medicine v. 57, 2019: p. 859-865

10.1016/j.jemermed.2019.09.009

animal bites; California sea lions; marine mammals; pinnipedia; swimming

No. 609

Young, Bruce E.; Dodge, Noel; Hunt, Pamela D.; Ormes, Margaret; Schlesinger, Matthew D.; Shaw, Hollie Y.

Using citizen science data to support conservation in environmental regulatory contexts

Biological Conservation v. 237 , 2019 : p. 57-62

10.1016/j.biocon.2019.06.016

At-risk species; eBird; Environmental regulation; iNaturalist; Regulatory review; Species protection

No. 611

Lienhardt, Theophile; Black, Kirsty; Saget, Sophie; Costa, Marcela Porto; Chadwick, David; Rees, Robert M.; Williams, Michael; Spillane, Charles; Iannetta, Pietro M.; Walker, Graeme; Styles, David

Just the tonic! Legume biorefining for alcohol has the potential to reduce Europe's protein deficit and mitigate climate change

Environment International v. 130, 2019: p. 104870

10.1016/j.envint.2019.05.064

Animal feed; Legumes; DDGS; Distillation; Ethanol; LCA; Life cycle assessment; Pea

No. 613

Huang, X.; Estes, K.A.; Yoder, P.S.; Wang, C.; Jiang, N.; Pilonero, T.; Hanigan, M.D.

Assessing availability of amino acids from various feedstuffs in dairy cattle using a stable isotope-based approach

Journal of Dairy Science v. 102, 2019: p. 10983-10996

10.3168/jds.2019-16597

amino acid; dairy cattle; availability; isotope

No. 615

Mendonça, I.B.; Watanabe, P.H.; Silva, B.A.N.; Boiago, M.M.; Panisson, J.C.; Andrade, T.S.; Campos, A.C.N.; Mello, M.A.S.P.

Dietary supplementation of guanidinoacetic acid for sows and their progenies: Performance, blood parameters and economic viability at nursery phase

Livestock Science v. 227, 2019: p. 105-110

10.1016/j.livsci.2019.07.011

Creatine kinase; Creatinine; Guanidinoacetate

No. 610

de Abreu, Murilo S.; Genario, Rafael; Giacomini, Ana C.V.V.; Demin, Konstantin A.; Lakstygai, Anton M.; Amstislavskaya, Tamara G.; Fontana, Barbara Dotto; Parker, Matthew O.; Kalueff, Allan V.

Zebrafish as a Model of Neurodevelopmental Disorders

Neuroscience v. , 2019: p.

10.1016/j.neuroscience.2019.08.034

animal models; attention-deficit/hyperactivity disorder; autism; genetic models; neurodevelopment

No. 612

Chen, Chaojie; Zhong, Zhifeng; Xin, Zhiming; Zhang, Shuihua; Yu, Changxi

A new stress model by predatory sound produces persistent anxiety-like behaviours in male SD rats but not ICR mice

Applied Animal Behaviour Science v. 220, 2019: p. 104843

10.1016/j.applanim.2019.104843

Animal model; Stress; HPA axis; Anxiety; Autonomic nervous system; Predatory sound

No. 614

Dai, Xueyan; Nie, Gaohui; Cao, Huabin; Xing, Chenghong; Hu, Guoliang; Zhang, Caiying

In vivo assessment of molybdenum and cadmium co-induced the mRNA levels of heat shock proteins, inflammatory cytokines and apoptosis in shaoxing duck (*Anas platyrhynchos*) testicles

Poultry Science v. 98, 2019: p. 5424-5431

10.3382/ps/pez328

apoptosis; cadmium; heat shock protein; inflammatory cytokine; molybdenum

No. 616

Teng, Jinyan; Gao, Ning; Zhang, Haibin; Li, Xiujin; Li, Jiaqi; Zhang, Hao; Zhang, Xiquan; Zhang, Zhe

Performance of whole genome prediction for growth traits in a crossbred chicken population

Poultry Science v. 98, 2019: p. 1968-1975

10.3382/ps/pey604

chicken; crossbreeding; genomic prediction; crossbred population; selection differential

No. 617

Beck, P.A.; Sims, M.B.; Hubbell, D.; Galyen, W.; Meador, Heather; Weiss, C.P.; Hess, T.

Effects of tillage method and planting date of wheat pasture on forage production and beef calf performance

Applied Animal Science v. 35 , 2019 : p. 269-277
10.15232/aas.2018-01829

grazing steers; planting date; tillage method; wheat pasture

No. 618

Sisti, María S.; Nishida, Fabián; Zanuzzi, Carolina N.; Laurella, Sergio L.; Cantet, Rodolfo J.C.; Portiansky, Enrique L.

Lidocaine protects neurons of the spinal cord in an excitotoxicity model

Neuroscience Letters v. 698, 2019: p. 105-112

10.1016/j.neulet.2019.01.019

Spinal cord injury; Neuroprotection; Excitotoxicity; Kainic acid; Lidocaine

No. 619

Cardoso, Clarissa S.; von Keyserlingk, Marina A.G.; Hötzel, Maria José

Views of dairy farmers, agricultural advisors, and lay citizens on the ideal dairy farm

Journal of Dairy Science v. 102, 2019: p. 1811-1821

10.3168/jds.2018-14688

milk production; survey; animal welfare; Brazil

No. 620

ZHOU, Zheng-wei; CAO, Guo-hua; LI, Zhe; HAN, Xue-jie; LI, Chen; LU, Zhen-yu; ZHAO, Yu-hang; LI, Xue-ling

Truncated gRNA reduces CRISPR/Cas9-mediated off-target rate for MSTN gene knockout in bovines

Journal of Integrative Agriculture v. 18, 2019: p. 2835-2843

10.1016/S2095-3119(19)62744-9

CRISPR/Cas9; gRNA; off-target rate; targeting site

No. 621

Sun, H.Z.; Plastow, G.; Guan, L.L.

Invited review: Advances and challenges in application of feedomics to improve dairy cow production and health

Journal of Dairy Science v. 102, 2019: p. 5853-5870

10.3168/jds.2018-16126

dairy cow; feedomics; milk yield and milk quality; omics; transition period

No. 622

Valverde, Anthony; Madrigal-Valverde, Mónica; Castro-Morales, Olivier; Gadea-Rivas, Arnoldo; Johnston, Stephen; Soler, Carles

Kinematic and head morphometric characterisation of spermatozoa from the Brown Caiman (Caiman crocodilus fuscus)

Animal Reproduction Science v. 207, 2019: p. 9-20

10.1016/j.anireprosci.2019.06.011

Andrology; Caiman; Crocodylia; Reptile reproduction; Sperm analysis

No. 623

Kučerová, Hana Lya; Žákovská, Alena; Marková, Jiřina; Bártová, Eva

Detection of antibodies to Borrelia burgdorferi s.l. in wild small mammals and sensitivity of PCR and cultivation

Veterinary Microbiology v. 230, 2019: p. 241-243

10.1016/j.vetmic.2019.02.004

Seroprevalence; Ticks; Lyme borreliosis; Rodents; Spirochetes; Vector-borne disease

No. 624

Torre, Ignasi; Raspall, Alfons; Arrizabalaga, Antoni; Díaz, Mario

Evaluating trap performance and volunteers' experience in small mammal monitoring programs based on citizen science: The SEMICE case study

Mammalian Biology v. 95, 2019: p. 26-30

10.1016/j.mambio.2019.01.004

Monitoring; Citizen science; Small mammals; Experience; Volunteers

No. 625

Mota, L.F.M.; Costa, L.S.; Abreu, L.R.A.; Bonafé, C.M.; Ventura, H.T.; Martins, P.G.M.A.

Genetic evaluation for scrotal circumference in Guzerat cattle through different models

Livestock Science v. 222, 2019 : p. 1-6

10.1016/j.livsci.2019.02.004

Genetic correlation; Reproductive trait; Legendre polynomials; Multi-trait; Random regression

No. 627

Raina, Rajinder; Verma, Pawan K.; Peshin, Rajinder; Kour, Harpreet

Potential of *Juniperus communis* L as a nutraceutical in human and veterinary medicine

Heliyon v. 5, 2019: p. e02376

10.1016/j.heliyon.2019.e02376

Antioxidant; Food science; Anti-proliferative; Chemistry; Nutraceutical; Phytochemical ingredients

No. 629

Lal, Neha; Seifan, Mostafa; Novin, Donya; Berenjian, Aydin

Development of a Menaquinone-7 enriched product through the solid-state fermentation of *Bacillus licheniformis*

Biocatalysis and Agricultural Biotechnology v. 19, 2019: p. 101172

10.1016/j.bcab.2019.101172

Animals; Solid-state fermentation; Bone fractures; MK-7

No. 631

van der Eijk, Jerine A.J.; Verwoolde, Michel B.; de Vries Reilingh, Ger; Jansen, Christine A.; Rodenburg, T. Bas; Lammers, Aart

Chicken lines divergently selected on feather pecking differ in immune characteristics

Physiology & Behavior v. 212, 2019: p. 112680

10.1016/j.physbeh.2019.112680

Feather pecking; Immune system; Natural (auto)antibodies; Nitric oxide production; Specific antibodies

No. 626

Combs, M.D.; Hamlin, A.; Quinn, J.C.

A single exposure to the tremorgenic mycotoxin lolitrem B inhibits voluntary motor activity and spatial orientation but not spatial learning or memory in mice

Toxicon v. 168, 2019: p. 58-66

10.1016/j.toxicon.2019.06.228

Memory; Coordination; Lolitrem B; Paxilline; Spatial learning; Tremor; Voluntary movement

No. 628

da Luz, Patrícia Aparecida Cardoso; Andrighetto, Cristiana; Lupatini, Gelci Carlos; Aranha, Helena Sampaio; Trivelin, Gustavo Antunes; Mateus, Gustavo Pavan; Santos, Carolina Toledo; Francisco, Caroline de Lima; Castilhos, André Michel; Jorge, André Mende

Effect of integrated crop-livestock systems in carcass and meat quality of Nelore cattle

Livestock Science v. 220, 2019: p. 83-92

10.1016/j.livsci.2018.11.018

Tenderness; Integrated crop-livestock-forest; Muscle glycogen; Ribeye area

No. 630

Eskeland, Sveinung; Stuen, Snorre; Crosby, Francy L.; Lybeck, Kari; Barbet, Anthony F.; Lindgren, Per-Eric; Tollefsen, Stig; Wilhelmsson, Peter; Tollersrud, Tore S.; Makvandi-Nejad, Shokouh; Granquist, Erik G.

Assessing the clinical and bacteriological outcomes of vaccination with recombinant Asp14 and OmpA against *A. phagocytophilum* in sheep

Veterinary Immunology and Immunopathology v. 218, 2019: p. 109936

10.1016/j.vetimm.2019.109936

Vaccination; Peripheral mononuclear blood cells; Recombinant protein; Serological response

No. 632

Ullah, Imran; Lee, Ran; Oh, Keon Bong; Kim, Youngim; Woo, Jae-Seok; Hwang, Seongsoo; Im, Gi-Sun; Ock, Sun A.

Stable Regulation of Senescence-Related Genes in Galactose- α 1,3-galactose Epitope Knockout and Human Membrane Cofactor Protein hCD46 Pig

Transplantation Proceedings v. 51, 2019: p. 2043-2050

10.1016/j.transproceed.2019.03.028

No. 633

Jeszeová, Lenka; Benžová, Radka; Gluščíková, Marianna; Šišková, Alena; Kisová, Zuzana; Planý, Matej; Kraková, Lucia; Bauerová-Hlinková, Vladena; Pangallo, Domenico

Biocleaning of historical documents: The use and characterization of bacterial enzymatic resources

International Biodeterioration & Biodegradation v. 140 , 2019 : p. 106-112

10.1016/j.ibiod.2019.03.017

Bacteria; Animal glue; Cultural heritage; Extracellular enzymatic mixture; Inhibitors; Metal ions

No. 635

Fuchs, Boris; Sørheim, Kristin Marie; Chincarini, Matteo; Brunberg, Emma; Stubbsjøen, Solveig Marie; Bratbergsengen, Kjell; Hvasshovd, Svein Olav; Zimmermann, Barbara; Lande, Unni Støbet; Grøva, Lise

Heart rate sensor validation and seasonal and diurnal variation of body temperature and heart rate in domestic sheep

Veterinary and Animal Science v. 8, 2019: p. 100075

10.1016/j.vas.2019.100075

Sheep; Bio logging; Body temperature; Heart rate; Sensor

No. 637

Amaral, Margarida D.; Beekman, Jeffrey M.

Activating alternative chloride channels to treat CF: Friends or Foes?: Report on the Meeting of the Basic Science Working Group in Dubrovnik, Croatia

Journal of Cystic Fibrosis v. , 2019: p.

10.1016/j.jcf.2019.10.005

Alternative Clchannels; Anoctamin 1; Basic science working group; Cystic fibrosis basic science; Meeting report; SLC26A9; TMEM16A

No. 639

Maharani, Dyah; Hariyono, Dwi N.H.; Putra, Daniel D.I.; Lee, Jun-Heon; Sidadolog, Jafendi H.P.

Phenotypic characterization of local female duck populations in Indonesia

Journal of Asia-Pacific Biodiversity v. 12, 2019: p. 508-514

10.1016/j.japb.2019.07.004

Local ducks; Phenotypic characterization; Qualitative traits; Quantitative traits

No. 634

Montes, Donicer E.; Braz, Camila U.; Ribeiro, André M.F.; Cavani, Lígia; Barbero, Marina M.D.; Albuquerque, Lucia G.; Curi, Rogério A.; Oliveira, Henrique N.

Selection signatures in candidate genes and QTL for reproductive traits in Nelore heifers

Animal Reproduction Science v. 207, 2019: p. 1-8

10.1016/j.anireprosci.2019.06.004

Beef cattle; Relative extended haplotype homozygosity; Sexual precocity; Single nucleotide polymorphisms

No. 636

Paskins, Matthew

History of science and its utopian reconstructions

Studies in History and Philosophy of Science Part A v. , 2019: p.

10.1016/j.shpsa.2019.08.001

Anthropocene; Feminist theory; Integration; Planning; Pluralism; Utopia

No. 638

Abdi, Reta Duguma; Kerro Dego, Oudessa

Antimicrobial activity of Persicaria pensylvanica extract against Staphylococcus aureus

European Journal of Integrative Medicine v. 29, 2019: p. 100921

10.1016/j.eujim.2019.05.007

Antimicrobial activity; Plant extract

No. 640

Wegner, Birte; Spiekermeier, Ines; Nienhoff, Hendrik; Große-Kleimann, Julia; Rohn, Karl; Meyer, Henning; Plate, Heiko; Gerhardy, Hubert; Kreienbrock, Lothar; grosse Beilage, Elisabeth; Kemper, Nicole; Fels, Michaela

Status quo analysis of noise levels in pig fattening units in Germany

Livestock Science v. 230, 2019: p. 103847

10.1016/j.livsci.2019.103847

Sound; Environment; Animal welfare; Pig; Health

No. 641

Jeon, Byoungjun; Kim, Mi Ok; Kim, Yun-soon; Han, Hyo-youn; Yun, Jang-Hyuk; Kim, Jungah; Huang, Yan; Choi, Yunhee; Cho, Chung-Hyun; Kang, Byeong-cheol; Kim, Sungwan; Choi, Tae Hyun

Optimization and validation of a method to identify skin sensitization hazards using IL-1 α and IL-6 secretion from HaCaT

Toxicology in Vitro v. 61, 2019 : p. 104589

10.1016/j.tiv.2019.104589

Alternative to animal testing; HaCaT; LLNA; Proinflammatory cytokine; Sensitization; Validation study

No. 643

Smit, Judith A.H.; van Oers, Kees

Personality types vary in their personal and social information use

Animal Behaviour v. 151, 2019: p. 185-193

10.1016/j.anbehav.2019.02.002

personality; personal information; sampling behaviour; social information; video

No. 645

da Silva, Aleksandro S.; Souza, Carine F.; Baldissera, Matheus D.; Von Laer, Ana Eucates; Lovato, Luciane T.; Sarturi, Janine A.; Herrmann, Geder P.; de Moura, Anderson B.; Favaretto, Jorge A.; Frias-De-Diego, Alba; Machado, Gustavo

Relation of reproductive disturbance in sheep and *Leptospira interrogans* serovar Icterohaemorrhagiae infection: Impacts on cellular oxidation status

Microbial Pathogenesis v. 130, 2019: p. 65-70

10.1016/j.micpath.2019.02.029

Oxidative stress; Leptospirosis; Disease pathophysiology

No. 647

Gu, Tianle; Yu, Dandan; Fan, Yu; Wu, Yong; Yao, Yu-Lin; Xu, Ling; Yao, Yong-Gang

Molecular identification and antiviral function of the guanylate-binding protein (GBP) genes in the Chinese tree shrew (*Tupaia belangeri chinensis*)

Developmental & Comparative Immunology v. 96, 2019: p. 27-36

10.1016/j.dci.2019.02.014

Tree shrew; Guanylate-binding protein; Innate immunity; Viral infection

No. 642

Kaidaorva, A.; Marengo, M.; Marinaro, G.; Geraldini, N.R.; Wilson, R.; Duarte, C.M.; Kosel, J.

Flexible, four-electrode conductivity cell for biologging applications

Results in Materials v. 1, 2019: p. 100009

10.1016/j.rinma.2019.100009

Conductivity cell; Flexible sensor; Graphene; Polyimide; Salinity

No. 644

Geiger, Sabine; Ozay, Emrah I.; Geumann, Ulf; Hereth, Marina K.; Magnusson, Terese; Shanthalingam, Sudarvili; Hirsch, Daniela; Kälin, Stefanie; Günther, Christine; Osborne, Barbara A.; Tew, Gregory N.; Hermann, Felix G.; Minter, Lisa M.

Alpha-1 Antitrypsin-Expressing Mesenchymal Stromal Cells Confer a Long-Term Survival Benefit in a Mouse Model of Lethal GvHD

Molecular Therapy v. 27, 2019: p. 1436-1451

10.1016/j.ymthe.2019.05.007

alpha-1 antitrypsin; graft-versus-host disease; M2 macrophage; mesenchymal stem/stromal cell; PD-1; regulatory T cell

No. 646

Andreatti Filho, R.L.; Milbradt, E.L.; Okamoto, A.S.; Silva, T.M.; Vellano, I.H.B.; Gross, L.S.; Oro, C.S.; Hataka, A

Salmonella Enteritidis infection, corticosterone levels, performance and egg quality in laying hens submitted to different methods of molting

Poultry Science v. 98, 2019: p. 4416-4425

10.3382/ps/pez248

laying hens; corticosterone; egg quality; Enteritidis; molt induction

No. 648

Ran, Xuhua; Cheng, Jiajia; Wang, Miaomiao; Chen, Xiaohong; Wang, Haoxian; Ge, Yu; Ni, Hongbo; Zhang, Xiao-Xuan; Wen, Xiaobo

Brucellosis seroprevalence in dairy cattle in China during 2008–2018: A systematic review and meta-analysis

Acta Tropica v. 189, 2019: p. 117-123

10.1016/j.actatropica.2018.10.002

Prevalence; Brucellosis; Systematic review; Meta-analysis; Dairy cattle; China

No. 649

Mueller, M.L.; Cole, J.B.; Sonstegard, T.S.; Van Eenennaam, A.L.

Comparison of gene editing versus conventional breeding to introgress the POLLED allele into the US dairy cattle population

Journal of Dairy Science v. 102, 2019 : p. 4215-4226

10.3168/jds.2018-15892

simulation; Holstein; Jersey; gene editing; polled

No. 650

Chen, Mingyue; Wang, Jing; Liu, Nuan; Cui, Wenbo; Dong, Wuzi; Xing, Baosong; Pan, Chuanying

Pig SOX9: Expression profiles of Sertoli cell (SCs) and a functional 18 bp indel affecting testis weight

Theriogenology v. 138, 2019: p. 94-101

10.1016/j.theriogenology.2019.07.008

Reproduction; Indel; Sertoli cell (SC); Sex determining region Y-Box 9()

No. 651

Alipanahi, Z.; Fatahnia, F.; Jafari, H.; Taasoli, G.; Mirzaei-Alamouti, H.; Barrett, D.; Pormalekshahi, A.

Effect of oak acorn with or without polyethylene glycol in diets containing extruded soybean on milk fatty acid profile, ruminal fermentation and plasma metabolites of lactating goats

Livestock Science v. 221, 2019: p. 57-62

10.1016/j.livsci.2019.01.003

Biohydrogenation; Heat processing; Human health; Milk fatty acid profile; Polyethylene glycol

No. 652

Li, Zhuanjian; Guo, Ruoting; Gu, Zhenzhen; Wang, Xiangnan; Wang, Yongcai; Xu, Huifen; Wang, Chunxiu; Liu, Xiaojun

Identification of a promoter element mediating kisspeptin-induced increases in GnRH gene expression in sheep

Gene v. 699, 2019: p. 1-7

10.1016/j.gene.2019.03.006

Sheep; Promoter activity; Transcriptional regulation

No. 653

Al-Juhaimi, F.Y.; Alsawmahi, O.N.; Abdoun, K.A.; Ghafoor, K.; Babiker, E.E.

Antioxidant potential of Moringa leaves for improvement of milk and serum quality of Aardi goats

South African Journal of Botany v. , 2019: p.

10.1016/j.sajb.2019.03.022

Milk; Serum; Vitamin C; Aardi goats; Antioxidant activity

No. 654

Ghassemi, Bitá; Shamsara, Mehdi; Soleimani, Masoud; Kiani, Jafar; Rassoulzadegan, Minoo

Pipeline for the generation of gene knockout mice using dual sgRNA CRISPR/Cas9-mediated gene editing

Analytical Biochemistry v. 568, 2019: p. 31-40

10.1016/j.ab.2018.12.002

CRISPR/Cas9; Animal model; Disease model; Gene knockout mouse; β -Thalassemia

No. 655

Liu, Dan; Yang, Yongqiang; Gu, Ju; Tuo, Hongmei; Li, Ping; Xie, Xianjun; Ma, Guang-xu; Liu, Jinxin; Zhang, Anyun

The Yersinia high-pathogenicity island (HPI) carried by a new integrative and conjugative element (ICE) in a multidrug-resistant and hypervirulent Klebsiella pneumoniae strain SCs11

Veterinary Microbiology v. 239, 2019: p. 108481

10.1016/j.vetmic.2019.108481

Antibiotic resistance genes; Whole genome sequencing; Hypervirulent; Integrative and conjugative element (ICE); Virulence genes

No. 656

Qiu, Shuang; Wang, Shuying; Xiao, Chengfeng; Ge, Shijian

Assessment of microalgae as a new feeding additive for fruit fly Drosophila melanogaster

Science of The Total Environment v. 667, 2019: p. 455-463

10.1016/j.scitotenv.2019.02.414

Animal feed; Food waste; Microalgae

No. 657

Leenaars, Cathalijn H.C.; Pels, Elmar G.M.; Joosten, Ruud N.J.M.A.; Ritskes-Hoitinga, Merel

Wistar rats do not show preference for either of two commonly used nutritionally sound food rewards in a T-maze

Journal of Veterinary Behavior v. 31 , 2019 : p. 22-27
10.1016/j.jveb.2019.01.007

preference; food reward; pellet; positive reinforcement; t-maze

No. 658

Boyko, Matthew; Zvenigorodsky, Vladislav; Grinshpun, Julia; Shiyntum, Honore N.; Melamed, Israel; Kutz, Ruslan; Shelef, Ilan; Brotfain, Evgeni; Frank, Dmitry; Zlotnik, Alexander

Establishment of novel technical methods for evaluating brain edema and lesion volume in stroked rats: A standardization of measurement procedures

Brain Research v. 1718, 2019: p. 12-21

10.1016/j.brainres.2019.04.022

Animal model; Brain edema; Lesion volume; Magnetic resonance imaging; Stroke

No. 659

Abolhassani Targhi, Mohammad Vahid; Asgari Jafarabadi, Ghobad; Aminafshar, Mehdi; Emam Jomeh Kashan, Nasser

The effect of genotype imputation and some important factors on the accuracy of genomic prediction and its persistency over time

Gene Reports v. 16, 2019: p. 100425

10.1016/j.genrep.2019.100425

Genomic breeding values; Genomic selection; Marker; Reference population

No. 660

Uddin, Muhammad Jasim; Kaewmala, Kanokwan; Neuhofer, Christiane; Tesfaye, Dawit; Tholen, Ernst; Looft, Christian; Cinar, Mehmet Ulas; Schellander, Karl

Heterogeneous expression of Toll-like receptors genes in lymphoid tissues of different ages pigs

Gene Reports v. 15, 2019: p. 100401

10.1016/j.genrep.2019.100401

Protein; Pigs; Innate immunity; Lymphoid organ; mRNA

No. 661

Rozanova, Oksana L.; Tsurikov, Sergey M.; Tiunov, Alexei V.; Semenina, Eugenia E.

Arthropod rain in a temperate forest: Intensity and composition

Pedobiologia v. 75, 2019: p. 52-56

10.1016/j.pedobi.2019.05.005

Aboveground-belowground linkages; Arthropod frass; Arthropod rain; Crown fauna; Detrital food web; Soil animals

No. 662

da Rosa, Patrícia Pinto; Ávila, Bianca Pio; Costa, Pablo Tavares; Fluck, Ana Carolina; Scheibler, Rudolf Brand; Ferreira, Otoniel Geter Lauz; Gularte, Márcia Arocha

Analysis of the perception and behavior of consumers regarding capybara meat by means of exploratory methods

Meat Science v. 152, 2019: p. 81-87

10.1016/j.meatsci.2019.02.011

Consumer understanding; Marketing strategies; Wild meat; Word association

No. 663

Pereira, T.C.J.; Ribeiro, L.S.O.; Pires, A.J.V.; Pereira, M.L.A.; Santos, A.B.; Silva, H.G.de O.; de Carvalho, G.G.P.

Growth performance and apparent digestibility by goats fed diets with peach palm meal replacing maize

Applied Animal Science v. 35, 2019: p. 563-569

10.15232/aas.2019-01874

weight gain; alternative feedstuff; Bactris gasipaes; by-product; feedlot

No. 664

Campigotto, Gabriela; Gebert, Roger R.; Santos, Daiane S.; dos Reis, João H.; Alba, Davi F.; Cazarotto, Chrystian J.; Leal, Marta L.R.; Baldissera, Matheus D.; Lopes, Thalison F.; Druzian, Leticia T.; Morsch, Vera M.; Vedovatto, Marcelo; Da Silva, Aleksan

Effects of oral administration of copper capsules on helminth control in lactating dairy sheep: An effective alternative to replace conventional antiparasitics during lactation

Experimental Parasitology v. 205, 2019: p. 107735

10.1016/j.exppara.2019.107735

Acetylcholinesterase; Alternative treatment; Anemia; Anti-parasitic; Butyrylcholinesterase; Parasite control

No. 665

Jonsson, Nicholas N.; Kleen, Joachim L.; Wallace, R. John; Andonovic, Ivan; Michie, Craig; Farish, Marianne; Mitchell, Malcolm; Duthie, Carol-Anne; Jensen, Dan B.; Denwood, Matthew J.

Evaluation of reticulorumenal pH measurements from individual cattle: Sampling strategies for the assessment of herd status

The Veterinary Journal v. 243 , 2019 : p. 26-32

10.1016/j.tvjl.2018.11.006

Diagnosis; Cattle; Acidosis; Bolus; Reticulorumen

No. 667

Monteschio, J  ssica O.; Vargas-Junior, Fernando M.; Almeida, Fernanda L.A.; Pinto, Laura A. de M.; Kaneko, Isabelle N.; Almeida, Alecsander A.; Freitas, Leonardo W.; Alves, Susana P.A.; Bessa, Rui J.B.; Prado, Ivanor N.

The effect of encapsulated active principles (eugenol, thymol and vanillin) and clove and rosemary essential oils on the structure, collagen content, chemical composition and fatty acid profile of Nellore heifers muscle

Meat Science v. 155, 2019: p. 27-35

10.1016/j.meatsci.2019.04.019

Meat quality; Sarcomere length; Soluble collagen

No. 669

Kubota, Rie; Matsubara, Katsuki; Tamukai, Kenichi; Ike, Kazunori; Tokiwa, Toshihiro

Molecular and histopathological features of Cryptosporidium ubiquitum infection in imported chinchillas Chinchilla lanigera in Japan

Parasitology International v. 68, 2019: p. 9-13

10.1016/j.parint.2018.09.002

Cryptosporidiosis; Emerging infectious disease; Multilocus sequence analysis; Subtype XIId; Zoonotic infection

No. 671

Cheng, Kang; Song, Zhihua; Li, Simian; Yan, Enfa; Zhang, Hao; Zhang, Lili; Wang, Chao; Wang, Tian

Effects of resveratrol on intestinal oxidative status and inflammation in heat-stressed rats

Journal of Thermal Biology v. 85, 2019: p. 102415

10.1016/j.jtherbio.2019.102415

Inflammation; Rats; Heat stress; Resveratrol; Intestine; Oxidative status

No. 666

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Journal of Dairy Science v. 102, 2019: p. 5208-5211

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dairy cow; milk protein yield; blood DNA methylation; milk yield

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10.1016/j.foodcont.2018.11.036

Identification; Animal feed; Bovine; Mass spectrometry; Blood; Processed animal proteins

No. 670

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Microbial Pathogenesis v. 135, 2019: p. 103620

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Pig; China; NDM-1

No. 672

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JACC: Basic to Translational Science v. 4, 2019: p. 471-477

10.1016/j.jacbts.2019.04.004

cardiology; mentorship; translational research; women

No. 673

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International Journal of Biological Macromolecules v. , 2019 : p.
10.1016/j.ijbiomac.2019.11.130

Immunogenicity; Calreticulin; FMDV; Polymers; Trigger factor 16; VP1 protein

No. 675

Wang, Yu-Jun; Jia, Gong-Xue; Yan, Rong-Ge; Guo, Song-Chang; Tian, Fei; Ma, Jian-Bin; Zhang, Rui-Na; Li, Cen; Zhang, Liang-Zhi; Du, Yu-Rong; Yang, Qi-En

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Theriogenology v. 123, 2019: p. 74-82

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Testosterone; Spermatogenesis; Melatonin; Retinoic acid; Seasonal reproduction

No. 677

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Small Ruminant Research v. 174, 2019: p. 77-82

10.1016/j.smallrumres.2019.03.014

Performance; Breeding; Dairy goat; Low-input farming; Scrapie

No. 679

Carriquiriborde, Martín; Milocco, Silvana; Laborde, Juan Martín; Gentil, Florencia; Maschi, Fabricio; Principi, Guido; Rogers, Estela; Cagliada, María del Pilar; Ayala, Miguel Angel; Carbone, Cecilia

Microbiological contaminations of laboratory mice and rats in conventional facilities in Argentina

Revista Argentina de Microbiología v. , 2019: p.

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Mice; Rats; Contaminaciones; Contaminations; Facilities; Instalaciones; Ratas; Ratones

No. 674

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Using citizen science to speed up plastic collection and mapping of urban noise: Lessons learned from Denmark

Marine Pollution Bulletin v. 149, 2019: p. 110591

10.1016/j.marpolbul.2019.110591

Cans; Cigarette; Community; Environment health; Noise; Soundscape

No. 676

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Mastitis; Animal health economics; Ketosis; Lameness; Metritis

No. 678

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Strategies for within-litter selection of piglets using ultra-low density SNP panels

Livestock Science v. 220, 2019: p. 173-179

10.1016/j.livsci.2018.12.027

Genomic selection; Imputation accuracy; Low-density SNP panel; Swine genetics; Within-litter selection

No. 680

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Larger group sizes facilitate the emergence and spread of innovations in a group-living bird

Animal Behaviour v. 158, 2019: p. 1-7

10.1016/j.anbehav.2019.10.004

animal innovation; group size; pool of competence hypothesis

No. 681

Pfitzer, Silke; Laubscher, Liesel; Meyer, Leith; Warren, Kristin; Vaughan-Higgins, Rebecca; Raath, Jacobus P.; Laurence, Michael

Dose-effect study of the serotonin agonist R-8-OH-DPAT on opioid-induced respiratory depression in blesbok (*Damaliscus pygargus philipsi*) and impala (*Aepyceros melampus*)

Veterinary Anaesthesia and Analgesia v. 46 , 2019 : p. 796-806
10.1016/j.vaa.2019.06.006

8-OH-DPAT; etorphine; respiratory depression; wildlife immobilization

No. 682

Nord, Maria; Ranlund, Åsa; Gustafsson, Lena; Johansson, Victor; Pärt, Tomas; Forslund, Pär

The effectiveness of area protection to capture coastal bird richness and occurrence in the Swedish archipelago

Global Ecology and Conservation v. 17, 2019: p. e00528

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Animal sanctuaries; Area protection; Coastal breeding birds; Human exploitation; Nature reserves; Rarity-weighted richness

No. 683

Caspari, Gino; Donato, Simon; Jendryke, Michael

Remote sensing and citizen science for assessing land use change in the Musandam (Oman)

Journal of Arid Environments v. 171, 2019: p. 104003

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Citizen science; Climate change; Abandoned farms; Remote sensing; Ruggedness; Run-off agriculture

No. 684

Xu, Xuan; Mazloom, Reza; Goligerdian, Arash; Staley, Joshua; Amini, Mohammadhossein; Wyckoff, Gerald J.; Riviere, Jim; Jaber-Douraki, Majid

Making Sense of Pharmacovigilance and Drug Adverse Event Reporting: Comparative Similarity Association Analysis Using AI Machine Learning Algorithms in Dogs and Cats

Topics in Companion Animal Medicine v. 37, 2019: p. 100366

10.1016/j.tcam.2019.100366

companion animals; artificial intelligence; drug adverse events; graphical LASSO; pharmacovigilance machine learning algorithms; similarity association

No. 685

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Annals of Anatomy - Anatomischer Anzeiger v. 223, 2019: p. 127-135

10.1016/j.aanat.2019.03.001

Animal model; Anatomy; Ear movement; Facial palsy; Nerve; Outcome measure; Posterior auricular nerve

No. 686

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Veterinary Microbiology v. 233, 2019: p. 102-112

10.1016/j.vetmic.2019.04.031

Vaccine; Pathogenicity; Dog; PRV

No. 687

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Prevalence of endoparasites in northern Mississippi shelter cats

Veterinary Parasitology: Regional Studies and Reports v. 18, 2019: p. 100322

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Public health; Zoonosis; Feline; Gastrointestinal parasites; Southeast; Urinary parasites

No. 688

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Cultivable microbiota and pulmonary lesions in polymicrobial bovine pneumonia

Microbial Pathogenesis v. 134, 2019: p. 103577

10.1016/j.micpath.2019.103577

Haemorrhagic septicaemia; Bovine pneumonia; Bovine respiratory disease; Emerging pathogens; Pneumonic pasteurellosis; Polymicrobial pneumonia

No. 689

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Informal nutrition symposium: critical update on net energy research and implementation status in poultry

Journal of Applied Poultry Research v. 28 , 2019 : p. 497-498

10.3382/japr/pfz022

poultry; amino acids; bioassays; energy systems; metabolizable energy; net energy

No. 690

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Insights into hypoxic adaptation in Tibetan chicken embryos from comparative proteomics

Comparative Biochemistry and Physiology Part D: Genomics and Proteomics v. 31, 2019: p. 100602

10.1016/j.cbd.2019.100602

Hypoxic adaptation; iTRAQ; Proteome; Tibetan chicken

No. 691

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The evaluation of potential immunotoxicity induced by environmental pollutant ammonia in broilers

Poultry Science v. 98, 2019: p. 3165-3175

10.3382/ps/pez135

ammonia; compensatory response of HSPs; inflammatory damage; miRNAs; Th1/Th2 imbalance

No. 692

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Effects of yeast culture supplementation and the ratio of non-structural carbohydrate to fat on rumen fermentation parameters and bacterial-community composition in sheep

Animal Feed Science and Technology v. 249, 2019: p. 62-75

10.1016/j.anifeedsci.2019.02.003

Sheep; Bacterial-community composition; Ratio of non-structural carbohydrate to fat; Rumen fermentation parameters; Yeast culture

No. 693

Yang, Hong; Rehman, Mujeeb Ur; Zhang, Shaqiu; Yang, Jing; Li, Yinqi; Gao, Jinhai; Gu, Lihong; Wang, Mingshu; Jia, Renyong; Chen, Shun; Liu, Mafeng; Zhu, Dekang; Zhao, Xinxin; Wu, Ying; Yang, Qiao; Huan, Juan; Zhang, Ling; Liu, Yunya; Tian, Bin; Pan, Leich

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Acta Tropica v. 194, 2019: p. 30-35

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ESBL; CTX-M; MLST

No. 694

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Fine particulate matter from pig house induced immune response by activating TLR4/MAPK/NF-κB pathway and NLRP3 inflammasome in alveolar macrophages

Chemosphere v. 236, 2019: p. 124373

10.1016/j.chemosphere.2019.124373

Oxidative stress; Alveolar macrophages; Endotoxin; Pig house; PM

No. 695

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Effects of supplemental butyrate and weaning on rumen fermentation in Holstein calves

Journal of Dairy Science v. 102, 2019: p. 8874-8882

10.3168/jds.2019-16652

butyrate; dairy calf; rumen pH; weaning

No. 696

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Gata is ubiquitously required for the earliest zygotic gene transcription in the ascidian embryo

Developmental Biology v. , 2019: p.

10.1016/j.ydbio.2019.11.009

Ascidian; Gata; Tcf7; Zygotic gene expression; β-catenin

No. 697

Backer, Lorraine C.; Bolton, Birgit; Litz, Jenny A.; Trevillian, Jennifer; Kieszak, Stephanie; Kucklick, John

Environmental contaminants in coastal populations: Comparisons with the National Health and Nutrition Examination Survey (NHANES) and resident dolphins

Science of The Total Environment v. 696 , 2019 : p. 134041
10.1016/j.scitotenv.2019.134041

Sentinel animals; Biomonitoring; Marine mammals; Ocean toxins

No. 698

Seddighfar, Masoud; Ghasemzadeh, Zahra; Rezayof, Ameneh

The blockade of 5-HT1A receptors in the ventral tegmental area inhibited morphine/dextromethorphan-induced analgesia in pain rat models

Brain Research v. 1715, 2019: p. 27-34
10.1016/j.brainres.2019.03.018

Morphine; Analgesia; Dextromethorphan; Rat(s); S-WAY100-135; Ventral tegmental area

No. 699

Drucker, Natalie A.; te Winkel, Jan P.; Shelley, W. Christopher; Olson, Kenneth R.; Markel, Troy A.

Inhibiting hydrogen sulfide production in umbilical stem cells reduces their protective effects during experimental necrotizing enterocolitis

Journal of Pediatric Surgery v. 54, 2019: p. 1168-1173
10.1016/j.jpedsurg.2019.02.037

Animal model; Intestine; Hydrogen sulfide; Necrotizing enterocolitis; Umbilical stromal cell

No. 700

Fortuoso, Bruno F.; dos Reis, João H.; Gebert, Roger R.; Barreta, Mauricio; Griss, Luiz Gustavo; Casagrande, Renata A.; de Cristo, Thierry G.; Santiani, Fábio; Campigotto, Gabriela; Rampazzo, Luana; Stefani, Lenita M.; Boiago, Marcel M.; Lopes, Leonardo Q

Glycerol monolaurate in the diet of broiler chickens replacing conventional antimicrobials: Impact on health, performance and meat quality

Microbial Pathogenesis v. 129, 2019: p. 161-167
10.1016/j.micpath.2019.02.005

Performance; Poultry; Antibiotic; Bacteria; Coccidiostatic effect

No. 701

Li, Mingzhen; Teng, Huajing; Sun, Guangqiang; Zhao, Jingjie; Fan, Min; Zhao, Zhenlin; Zhou, JianJun; Zhao, Mei

Transcriptome profiles of corticosterone-induced cytotoxicity reveals the involvement of neurite growth-related genes in depression

Psychiatry Research v. 276, 2019: p. 79-86
10.1016/j.psychres.2019.04.017

Animal model of depression; C-type natriuretic peptide (); Calpain 2; PC12 cells; Vesicle-associated membrane protein 7 (

No. 702

Adamík, Peter; Poledník, Lukáš; Poledníková, Kateřina; Romportl, Dušan

Mapping an elusive arboreal rodent: Combining nocturnal acoustic surveys and citizen science data extends the known distribution of the edible dormouse (*Glis glis*) in the Czech Republic

Mammalian Biology v. 99, 2019: p. 12-18
10.1016/j.mambio.2019.09.011

Acoustic survey; Distribution; Fat dormouse; Nocturnal survey; Species distribution model

No. 703

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Effect of *Withania somnifera* on gentamicin induced renal lesions in rats
Revista Brasileira de Farmacognosia v. 29, 2019: p. 234-240
10.1016/j.bjp.2018.12.005

Antioxidant; Nephrotoxicity; Gentamicin; Nephroprotective and nephrocurative

No. 704

Rodrigues, Caio Henrique Pinke; Bruni, Aline Thaís

In silico toxicity as a tool for harm reduction: A study of new psychoactive amphetamines and cathinones in the context of criminal science

Science & Justice v. 59, 2019: p. 234-247
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Estimation of additive and non-additive genetic variances of body weight in crossbreed populations of the Japanese quail

Poultry Science v. 98 , 2019 : p. 46-55

10.3382/ps/pey357

Gibbs sampling; dominance; heritability; quail strain

No. 706

Nakajima, Tomoko M.; Goode, Joanna

Transformative learning for computer science teachers: Examining how educators learn e-textiles in professional development

Teaching and Teacher Education v. 85, 2019: p. 148-159

10.1016/j.tate.2019.05.004

Professional development; Computer science education; Electronic-textiles; Experienced teachers; Transformative learning

No. 707

da Costa, Diego Figueiredo; de Faria, Pedro Jorge Álvares; Nogueira, Denise Batista; de Oliveira Tolentino, Laura Honório; Viana, Maira Pôrto; da Silva, José Devedê; de Melo Vaz, Antônio Fernando; dos Santos Higino, Severino Silvano; de Azevedo, Sergio Sa

Influence of breed on the clinical and hemato-biochemical parameters in sheep experimentally infected with *Leptospira* sp.

Heliyon v. 5, 2019: p. e02720

10.1016/j.heliyon.2019.e02720

Agriculture; Microbiology; Environmental science; Leptospirosis; Breeds; Conjunctival route; Intraperitoneal route; Santa Inês

No. 708

Lima, Maziar Jafari; Rokouei, Mohammad; Dashab, Gholam Reza; Seyedalian, Ahmad Reza; Faraji-Arough, Hadi

Genetic and non-genetic analysis of lamb survival in Sangsari sheep by gibbs sampling method

Small Ruminant Research v. 177, 2019: p. 56-60

10.1016/j.smallrumres.2019.06.013

Heritability; Sheep; Censored data; Hazard rate; Lamb mortality

No. 709

López-Colom, Paola; Yu, Kuai; Barba-Vidal, Emili; Saco, Yolanda; Martín-Orúe, Susana M.; Castillejos, Lorena; Solà-Oriol, David; Bassols, Anna

I-FABP, Pig-MAP and TNF- α as biomarkers for monitoring gut-wall integrity in front of *Salmonella* Typhimurium and ETEC K88 infection in a weaned piglet model

Research in Veterinary Science v. 124, 2019: p. 426-432

10.1016/j.rvsc.2019.05.004

Biomarker; Pig; Diarrhoea; Gut Integrity; Weaning

No. 710

Busato, Sebastiano; Mezzetti, Matteo; Logan, Paul; Aguilera, Nicolas; Bionaz, Massimo

What's the norm in normalization? A frightening note on the use of RT-qPCR in the livestock science

Gene: X v. 1, 2019: p. 100003

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Livestock; Gene expression; Normalization; RT-qPCR

No. 711

Torabi, Mona; Azizi, Hossein; Ahmadi-Soleimani, S. Mohammad; Rezayof, Ameneh

Adolescent nicotine challenge promotes the future vulnerability to opioid addiction: Involvement of lateral paraventricular neurons

Life Sciences v. 234, 2019: p. 116784

10.1016/j.lfs.2019.116784

Nicotine; Adolescence; LPGi; Morphine tolerance; Morphine withdrawal; Single unit recording

No. 712

Borrachero, Ana Belén; Brígido, María; Dávila, María Antonia; Costillo, Emilio; Cañada, Florentina; Mellado, Vicente

Improving the self-regulation in prospective science teachers: the case of the calculus of the period of a simple pendulum

Heliyon v. 5, 2019: p. e02827

10.1016/j.heliyon.2019.e02827

Education; Science; Emotions; Practical work; Prospective secondary teachers; Simple pendulum

No. 713

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Exploring horse owners' and caretakers' perceptions of emotions and associated behaviors in horses

Journal of Veterinary Behavior v. 29 , 2019 : p. 18-24

10.1016/j.jveb.2018.10.002

animal welfare; behavior; affective states; animal sentience; belief in animal mind

No. 714

Liu, Jia-Dai; Chi, Cheng; Zheng, Xiao-Chuan; Xu, Chen-Yuan; Zhang, Cai-Yan; Ye, Ming-Wen; Liu, Wen-Bin

Effect of dietary glutathione supplementation on the immune responses and the fatty acid and amino acid composition in Chinese mitten crab, *Eriocheir sinensis*

Aquaculture Reports v. 15, 2019: p. 100217

10.1016/j.aqrep.2019.100217

Fatty acid composition; Amino acid composition; Dietary glutathione (GSH); Non-specific immune

No. 715

Li, B.; Fang, L.; Null, D.J.; Hutchison, J.L.; Connor, E.E.; VanRaden, P.M.; VandeHaar, M.J.; Tempelman, R.J.; Weigel, K.A.; Cole, J.B.

High-density genome-wide association study for residual feed intake in Holstein dairy cattle

Journal of Dairy Science v. 102, 2019: p. 11067-11080

10.3168/jds.2019-16645

feed efficiency; dairy cow; enrichment analysis; genome-wide association study

No. 716

Maleko, David; Mwilawa, Angello; Msalya, George; Pasape, Liliane; Mtei, Kelvin

Forage growth, yield and nutritional characteristics of four varieties of napier grass (*Pennisetum purpureum* Schumach) in the west Usambara highlands, Tanzania

Scientific African v. 6, 2019: p. e00214

10.1016/j.sciaf.2019.e00214

Napier grass; Forage quality; Forage yield; Kakamega 2; Lushoto; Ouma

No. 717

Froebel, L.K.; Jalukar, S.; Laverigne, T.A.; Lee, J.T.; Duong, T.

Administration of dietary prebiotics improves growth performance and reduces pathogen colonization in broiler chickens

Poultry Science v. 98, 2019: p. 6668-6676

10.3382/ps/pez537

dietary prebiotics; refined functional carbohydrates

No. 718

Assana, Emmanuel; Awah-Ndukum, Julius; Djonmaïla, Justin D.; Zoli, André Pagnah

Prevalence of porcine *Taenia solium* and *Taenia hydatigena* cysticercosis in Cameroon

Preventive Veterinary Medicine v. 169, 2019: p. 104690

10.1016/j.prevetmed.2019.104690

Pig; Cameroon; co-Infection; Immunodiagnosis

No. 719

Hubbard, Amanda J.; Carstens, Gordon C.; Forehand, Lydia; Daigle, Courtney L.

The Bovine Zero Maze: Development of a novel fear test for cattle

Applied Animal Behaviour Science v. 221, 2019: p. 104865

10.1016/j.applanim.2019.104865

Behavior; Cattle; Anxiety; Fear; Zero Maze

No. 720

Steele, N.M.; Dicke, A.; De Vries, A.; Lacy-Hulbert, S.J.; Liebe, D.; White, R.R.; Petersson-Wolfe, C.S.

Identifying gram-negative and gram-positive clinical mastitis using daily milk component and behavioral sensor data

Journal of Dairy Science v. , 2019: p.

10.3168/jds.2019-16742

pathogen type; sensor data; slope change

No. 721

Hall, L. Malcolm; Collins, Catherine; Collet, Bertrand

The potential benefits of repeated measure experiments for fish disease-challenge host-pathogen investigations

Fish & Shellfish Immunology v. 85 , 2019 : p. 126-131

10.1016/j.fsi.2018.01.033

3Rs; Animal experimentation; Replacement, reduction and refinement

No. 722

Santos, Vitor Hugo Dos; Pfeifer, João Pedro Hübbe; Souza, Jaqueline Brandão De; Stievani, Fernanda De Castro; Hussni, Carlos Alberto; Golim, Marjorie De Assis; Deffune, Elenice; Alves, Ana Liz Garcia

Evaluation of alginate hydrogel encapsulated mesenchymal stem cell migration in horses

Research in Veterinary Science v. 124, 2019: p. 38-45

10.1016/j.rvsc.2019.02.005

Tracking; Horse; Tissue engineering; Cartilage; Quantum dots; Scaffold

No. 723

Marescotti, Maria Elena; Caputo, Vincenzina; Demartini, Eugenio; Gaviglio, Anna

Discovering market segments for hunted wild game meat

Meat Science v. 149, 2019: p. 163-176

10.1016/j.meatsci.2018.11.019

Cluster analysis; Hunting; Consumer segmentation; Hunted wild game meat; Italian consumer

No. 724

Scherpenhuizen, J.M.; Narayan, E.J.; Quinn, J.C.

Timed environmental exposure indicates sample stability for reliable noninvasive measurement of fecal cortisol metabolite concentrations in sheep

Domestic Animal Endocrinology v. , 2019: p. 106423

10.1016/j.domaniend.2019.106423

Sheep; Stress; Environmental exposure; Fecal cortisol metabolite; Noninvasive; Welfare

No. 725

Mariani, Luiza P.R.; Sampaio, Flávia; Silveira, Andressa B.; Bastos, Luis F.; Weber, Saulo H.; Michelotto, Pedro V.

Pressuring of Acupoints as a Complement to the Diagnosis of Stifle Diseases in Horses

Journal of Acupuncture and Meridian Studies v. 12, 2019: p. 151-159

10.1016/j.jams.2019.06.001

acupuncture; equine; horse; radiography; ultrasonography

No. 726

Hajalizadeh, Z.; Dayani, O.; Khezri, A.; Tahmasbi, R.; Mohammadabadi, M.R.

The effect of adding fennel (*Foeniculum vulgare*) seed powder to the diet of fattening lambs on performance, carcass characteristics and liver enzymes

Small Ruminant Research v. 175, 2019: p. 72-77

10.1016/j.smallrumres.2019.04.011

Performance; Carcass; Testosterone; Lambs; Fennel seed; Liver enzymes

No. 727

Chagas, Thales Quintão; da Silva Alvarez, Tenilce Gabriela; Montalvão, Mateus Flores; Mesak, Carlos; Rocha, Thiago Lopes; da Costa Araújo, Amanda Pereira; Malafaia, Guilherme

Behavioral toxicity of tannery effluent in zebrafish (*Danio rerio*) used as model system

Science of The Total Environment v. 685, 2019: p. 923-933

10.1016/j.scitotenv.2019.06.253

Animal behavior; Agroindustry effluents; Aquatic pollution; Fish; Neurotoxicity biomarkers

No. 728

Banadyga, Logan; Schiffman, Zachary; He, Shihua; Qiu, Xiangguo

Virus inoculation and treatment regimens for evaluating anti-filovirus monoclonal antibody efficacy in vivo

Biosafety and Health v. 1, 2019: p. 6-13

10.1016/j.bsheal.2019.02.004

Animal model; Ebola virus; Filovirus; Marburg virus; Monoclonal antibodies; Therapeutics

No. 729

Yue, Meishan; Fan, Xiaorui; Liu, Yihui; Yue, Weidong; Ren, Gaoya; Zhang, Jingwen; Zhang, Xinrong; Li, Qinghong; He, Junping

Effects of body temperature on the expression and localization of meiosis-related proteins STRA8 and SCP3 in boar testes

Acta Histochemica v. 121, 2019 : p. 718-723

10.1016/j.acthis.2019.06.007

Boars; Cryptorchidism; Meiosis; SCP3; STRA8; Testes

No. 730

Mueller, Marcus A.; Drake, David; Allen, Maximilian L.

Using citizen science to inform urban canid management

Landscape and Urban Planning v. 189, 2019: p. 362-371

10.1016/j.landurbplan.2019.04.023

Citizen science; Red fox; Coyote; INaturalist

No. 731

Eftimov, Tome; Ispirova, Gordana; Potočnik, Doris; Ogrinc, Nives; Koroušić Seljak, Barbara

ISO-FOOD ontology: A formal representation of the knowledge within the domain of isotopes for food science

Food Chemistry v. 277, 2019: p. 382-390

10.1016/j.foodchem.2018.10.118

ISO-FOOD ontology; Isotopic data; Ontology development; Semantic web

No. 732

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Pheno and genotyping of Salmonella from slaughtered pigs in a Portuguese abattoir reveal differential persistence ability

Veterinary Microbiology v. 239, 2019: p. 108457

10.1016/j.vetmic.2019.108457

Carcass; Contamination; PFGE; Pork; Slaughterhouse

No. 733

Czycholl, Irena; Menke, Stina; Straßburg, Carolin; Krieter, Joachim

Reliability of different behavioural tests for growing pigs on-farm

Applied Animal Behaviour Science v. 213, 2019: p. 65-73

10.1016/j.applanim.2019.02.004

Reliability; Animal welfare assessment; Behavioural tests; Growing pigs; On-farm

No. 734

Alapala Demirhan, Sibel

Sheep farming business in Uşak city of Turkey: Economic structure, problems and solutions

Saudi Journal of Biological Sciences v. 26, 2019: p. 352-356

10.1016/j.sjbs.2018.10.004

Problems; Questionnaire; Sheep raising; Structural features; The city of Uşak

No. 735

Matear, Liam; Robbins, James R.; Hale, Michelle; Potts, Jonathan

Cetacean biodiversity in the Bay of Biscay: Suggestions for environmental protection derived from citizen science data

Marine Policy v. 109, 2019: p. 103672

10.1016/j.marpol.2019.103672

Citizen science; Bay of Biscay; Cetacean; Conservation management; IMMA; MPA

No. 736

Bautista, Cristhian Reynaldo Gomez; Santos, Ingrid Valadares dos; Moraes, Renata Mendonça; Chiba, Fernando Yamamoto; Sumida, Doris Hissako; Moraes, Michele Bianchi de; Vasconcellos, Luana Marotta Reis de; Anbinder, Ana Lia

Sitagliptin's effects on bone tissue and osseointegration in diabetic rats

Archives of Oral Biology v. 102, 2019: p. 238-243

10.1016/j.archoralbio.2019.04.018

Dipeptidyl peptidase 4; Implants; Incretins

No. 737

Alves, Lucas Aquino; Denardin, Luiz Gustavo de Oliveira; Martins, Amanda Posselt; Anghinoni, Ibanor; Carvalho, Paulo César de Faccio; Tiecher, Tales

Soil acidification and P, K, Ca and Mg budget as affected by sheep grazing and crop rotation in a long-term integrated crop-livestock system in southern Brazil

Geoderma v. 351, 2019 : p. 197-208

10.1016/j.geoderma.2019.04.036

Grazing intensity; No-tillage; Nutrient budget; Stocking method; Subtropical soil

No. 739

Bestelmeyer, Brandon T.; Burkett, Laura M.; Lister, Leticia; Brown, Joel R.; Schooley, Robert L.

Collaborative Approaches to Strengthen the Role of Science in Rangeland Conservation

Rangelands v. 41, 2019: p. 218-226

10.1016/j.rala.2019.08.001

Monitoring; Brush management; Collaborative adaptive management; Ecological sites; State transition models

No. 741

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Effects of sodium butyrate on intestinal health and gut microbiota composition during intestinal inflammation progression in broilers

Poultry Science v. 98, 2019: p. 4449-4456

10.3382/ps/pez279

broiler; intestinal inflammation; microbiota composition; sodium butyrate

No. 743

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The dietary combination of essential oils and organic acids reduces Salmonella enteritidis in challenged chicks

Poultry Science v. 98, 2019: p. 6349-6355

10.3382/ps/pez457

chicken; Enteritidis; bacterial count; essential oils and organic acids; serum index

No. 738

Perin, Gessica; Baldissera, Matheus D.; Jaguezski, Antonise M.; Crecencio, Regiane B.; Stefani, Lenita M.; Gris, Anderson; Mendes, Ricardo E.; Souza, Carine F.; Dalzuk, Vanessa; da Silva, Aleksandro S.

Involvement of the phosphoryl transfer network on cardiac energetic metabolism during Staphylococcus aureus infection and its association to disease pathophysiology

Microbial Pathogenesis v. 126, 2019: p. 318-322

10.1016/j.micpath.2018.11.011

Creatine kinase; Bacterial disease; Disease pathogenesis; Heart; Phosphotransfer network

No. 740

Moreira, Thiago Rocha; Sarturi, Cristiane; Stelmachtchuk, Felipe Nascimento; Andersson, Emelie; Norlander, Emma; de Oliveira, Francisco Leonardo Costa; Machado Portela, Juliana; Marcili, Arlei; Emanuelson, Ulf; Gennari, Solange Maria; Minervino, Antonio H

Prevalence of antibodies against Toxoplasma gondii and Neospora spp. in equids of Western Pará, Brazil

Acta Tropica v. 189, 2019: p. 39-45

10.1016/j.actatropica.2018.09.023

Seroprevalence; Brazil; Equids; Neospora; Toxoplasma

No. 742

Rocha, Martha S.T.; Lucci, Carolina M.; dos Santos, Jairo A.M.; Longo, João Paulo F.; Muehlmann, Luis Alexandre; Azevedo, Ricardo B.

Photodynamic therapy for cutaneous hemangiosarcoma in dogs

Photodiagnosis and Photodynamic Therapy v. 27, 2019: p. 39-43

10.1016/j.pdpdt.2019.05.026

Nanoemulsion; Animal cancer treatment; Canines; Hemangiosarcoma; HSA; Nanotechnology; PDT; Photodynamic Therapy; Veterinary oncology

No. 744

Gallego, Franciane Quintanilha; Miranda, Carolina Abreu; Sinzato, Yuri Karen; Iessi, Isabela Lovizutto; Dallaqua, Bruna; Pando, Rogelio Hernandez; Rocha, Noeme Sousa; Volpato, Gustavo Tadeu; Damasceno, Débora Cristina

Temporal analysis of distribution pattern of islet cells and antioxidant enzymes for diabetes onset in postnatal critical development window in rats

Life Sciences v. 226, 2019: p. 57-67

10.1016/j.lfs.2019.03.061

Oxidative stress; Rats; Insulin; Glucagon; Somatostatin

No. 745

Yao, Ping-Ping; Miao, Zi-Ping; Xu, Fang; Lu, Hang-Jing; Sun, Yi-Sheng; Xia, Yong; Chen, Chen; Yang, Zhang-Nv; Xia, Shi-Chang; Jiang, Jian-min; Hu, Chong-Gao; Mao, Zi-An; Gao, Meng; Xu, Zhi-Yao; Ying, Han-ning; Yao, Chen-hui; Zhu, Zhi-Yong; Zhu, Han-Ping;

An adult gerbil model for evaluating potential coxsackievirus A16 vaccine candidates

Vaccine v. 37 , 2019 : p. 5341-5349

10.1016/j.vaccine.2019.07.046

Animal model; Coxsackievirus A16; Gerbils; Inactivated vaccine

No. 746

Han, Sang-Soo; Jin, Zhen; Lee, Byoung-Seok; Han, Ji-Seok; Choi, Jong-Jin; Park, Soon-Jung; Chung, Hyung-Min; Mukhtar, Anthony Safaa; Moon, Sung-Hwan; Kang, Sun-Woong

Reproducible hindlimb ischemia model based on photochemically induced thrombosis to evaluate angiogenic effects

Microvascular Research v. 126, 2019: p. 103912

10.1016/j.mvr.2019.103912

Animal model; Critical limb ischemia; Erythrosin B; Ligation; Photochemically induced thrombosis

No. 747

Putz, E.J.; Eder, J.M.; Reinhardt, T.A.; Sacco, R.E.; Casas, E.; Lippolis, J.D.

Differential phenotype of immune cells in blood and milk following pegylated granulocyte colony-stimulating factor therapy during a chronic Staphylococcus aureus infection in lactating Holsteins

Journal of Dairy Science v. 102, 2019: p. 9268-9284

10.3168/jds.2019-16448

mastitis; chronic; granulocyte colony-stimulating factor; L-selectin; myeloperoxidase

No. 748

Fages, Antoine; Hanghøj, Kristian; Khan, Naveed; Gaunitz, Charleen; Seguin-Orlando, Andaine; Leonardi, Michela; McCrory Constantz, Christian; Gamba, Cristina; Al-Rasheid, Khaled A.S.; Albizuri, Silvia; Alfarhan, Ahmed H.; Allentoft, Morten; Alquraishi, Sa

Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series

Cell v. 177, 2019: p. 1419-1435.e31

10.1016/j.cell.2019.03.049

management; horses; ancient DNA; animal breeding; diversity; domestication; equestrian civilizations; extinct lineages; mules; selection

No. 749

Damazio Pacheco, Felipe; Canever, Lara; Antunes Mastella, Gustavo; Gomes Wessler, Patricia; Kunz Godoi, Amanda; Hubbe, Isabela; da Costa Afonso, Arlindo; Celso, Danielle; Quevedo, João; Ioppi Zugno, Alexandra

Effects of ketamine on prepubertal Wistar rats: Implications on behavioral parameters for Childhood-Onset Schizophrenia

International Journal of Developmental Neuroscience v. 79, 2019: p. 49-53

10.1016/j.ijdevneu.2019.10.006

Childhood; Schizophrenia; Ketamine; Behavioral

No. 750

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Cache placement near nests by a multiple-prey loader, the Siberian chipmunk

Animal Behaviour v. 155, 2019: p. 1-8

10.1016/j.anbehav.2019.06.024

larder hoarding; multiple load; nest area; scatter hoarding; Siberian chipmunk

No. 751

Ye, Chen-Jun; Li, Sheng-An; Zhang, Yun; Lee, Wen-Hui

Geraniol targets KV1.3 ion channel and exhibits anti-inflammatory activity in vitro and in vivo

Fitoterapia v. 139, 2019: p. 104394

10.1016/j.fitote.2019.104394

Psoriasis; Autoimmune diseases; Geraniol; K1.3; Monoterpenes

No. 752

Kere, Odera Joseph; Joseph, Erume; Jessika, Banda Liveness; Maina, Kagira John

Prevalence and monetary loss due to cystic Echinococcosis in slaughter house livestock: A case study of Migori County, Kenya

Parasite Epidemiology and Control v. 5, 2019: p. e00105

10.1016/j.parepi.2019.e00105

Prevalence; Zoonosis; Cystic Echinococcosis; Migori County-Kenya; Monetary loss

No. 753

Holtcamp, Alexander J.; Sukumaran, Anuraj T.; Schnedler, Abigail E.; McClenton, Brandon J.; Kunze, Emery; Calkins, Chris R.; Karisch, Brandi B.; Burnett, Derris D.; Dinh, Thu T.N.

Effects of feeding endophyte-infected tall fescue seeds to stocker Angus steers on retail quality attributes of beef strip steaks

Meat Science v. 149, 2019 : p. 31-39
10.1016/j.meatsci.2018.11.007

No. 755

Hayashi, Ken-Go; Hosoe, Misa; Fujii, Shiori; Kanahara, Hiroko; Sakumoto, Ryosuke

Temporal expression and localization of vascular endothelial growth factor family members in the bovine uterus during peri-implantation period

Theriogenology v. 133, 2019: p. 56-64
10.1016/j.theriogenology.2019.04.021

Implantation; Cow; Endometrium; Myometrium; Vascular endothelial growth factor

No. 757

Yatmark, Paranee; Huaijantug, Somkiat; Teerapan, Wuttiwong; Svasti, Saovaras; Fucharoen, Suthat; Morales, Noppawan Phumala

MRI imaging and histopathological study of brain iron overload of β -thalassemic mice

Magnetic Resonance Imaging v. 61, 2019: p. 267-272
10.1016/j.mri.2019.05.022

Magnetic resonance imaging; Beta-thalassemic mice; Brain iron overload; Brain pathology; Deferiprone

No. 759

Felipez, María Victoria; Acosta, Tomás; Ungerfeld, Rodolfo

Sexual stimulation as a luteolytic inductor in beef heifers

Theriogenology v. 132, 2019: p. 83-87
10.1016/j.theriogenology.2019.04.003

Cattle; Ovary; Luteal activity; Steroids

No. 754

Xi, Jiejun; Shao, Jian; Wang, Yuan; Wang, Xiaoqin; Yang, Hui; Zhang, Xinwei; Xiong, Dongmei

Acute toxicity of triflumizole to freshwater green algae *Chlorella vulgaris*
Pesticide Biochemistry and Physiology v. 158, 2019: p. 135-142

10.1016/j.pestbp.2019.05.002

Oxidative stress; Green alga; Photosynthesis; Toxic effect; Triflumizole

No. 756

Peng, Mo; Xue, Junjing; Hu, Yi; Wen, Chungen; Hu, Baoqing; Jian, Shaoqing; Liang, Lifeng; Yang, Gang

Disturbance in the homeostasis of intestinal microbiota by a high-fat diet in the rice field eel (*Monopterus albus*)

Aquaculture v. 502, 2019: p. 347-355
10.1016/j.aquaculture.2018.12.062

High-fat diet; Interspecific interactions; Intestinal microbiota homeostasis; Microbial metabolism; Rice field eel

No. 758

Müller, U.; Kesser, J.; Koch, C.; Helfrich, H.-P.; Rietz, C.

Monitoring predictive and informative indicators of the energy status of dairy cows during early lactation in the context of monthly milk recordings using mid-infrared spectroscopy

Livestock Science v. 221, 2019: p. 6-14
10.1016/j.livsci.2018.12.020

Energy balance; Linear regression models; Monthly milk recording; β -hydroxybutyrate in serum

No. 760

Berger, Trish

Testicular estradiol and the pattern of Sertoli cell proliferation in prepuberal bulls

Theriogenology v. 136, 2019: p. 60-65
10.1016/j.theriogenology.2019.06.031

Bovine; Testis; Sertoli cell

No. 761

Totten, Arthur H.; Xiao, Li; Luo, Danlin; Briles, David; Hale, Joanetha Y.; Crabb, Donna M.; Schoeb, Trenton R.; Alishlash, Ammar Saadoon; Waites, Ken B.; Atkinson, T. Prescott

Allergic airway sensitization impairs antibacterial IgG antibody responses during bacterial respiratory tract infections

Journal of Allergy and Clinical Immunology v. 143 , 2019 : p. 1183-1197.e7

10.1016/j.jaci.2018.07.021

antibody; allergy; animal model; cytokines; infection

No. 763

Wang, Yaping; Li, Aoyun; Liu, Juanjuan; Mehmood, Khalid; Wangdui, Basang; Shi, Hongmei; Luo, Xiaolin; Zhang, Hui; Li, Jiakui

L. pseudomesenteroides and *L. johnsonii* isolated from yaks in Tibet modulate gut microbiota in mice to ameliorate enteroinvasive *Escherichia coli*-induced diarrhea

Microbial Pathogenesis v. 132, 2019: p. 1-9

10.1016/j.micpath.2019.04.020

Mice; Diarrhea; Enteroinvasive (EIEC); Gut microbiota

No. 765

Ryan, A.M.; Berman, R.F.; Bauman, M.D.

Bridging the species gap in translational research for neurodevelopmental disorders

Neurobiology of Learning and Memory v. 165, 2019: p. 106950

10.1016/j.nlm.2018.10.006

Animal models; Laboratory rat; Nonhuman primate; Rhesus macaque

No. 767

Chyn, Kristina; Lin, Te-En; Chen, Yu-Kai; Chen, Chih-Yun; Fitzgerald, Lee A.

The magnitude of roadkill in Taiwan: Patterns and consequences revealed by citizen science

Biological Conservation v. 237, 2019: p. 317-326

10.1016/j.biocon.2019.07.014

Community-based research; Crowd-sourced data; Road ecology; Road-effect zone; Wildlife-vehicle collisions

No. 762

de Fátima Bretanha Rocha, Renata; Baena, Marielle Moura; de Cássia Estopa, Aline; Gervásio, Izally Carvalho; Guaratini Ibelli, Adriana Mércia; Santos Gionbelli, Tathiane Ramalho; Gionbelli, Mateus Pies; Fonseca de Freitas, Rilke Tadeu; Conceição Meirelles

Differential expression of HSF1 and HSPA6 genes and physiological responses in Angus and Simmental cattle breeds

Journal of Thermal Biology v. 84, 2019: p. 92-98

10.1016/j.jtherbio.2019.06.002

Heat stress; Adaptability; HSP; Taurine cattle

No. 764

Tadesse, D.; Puchala, R.; Goetsch, A.L.

Effects of hair sheep breed and region of origin on feed dry matter required for maintenance without and with a marked feed restriction

Livestock Science v. 226, 2019: p. 114-121

10.1016/j.livsci.2019.06.012

Hair sheep; Feed intake; Maintenance requirement

No. 766

Zhai, Peijun; Wang, Rong; Zhou, Yongyun; Hu, Dongmei; Li, Junyan; Zhou, Yali

Enhancing the capabilities of biosafety laboratories through the established accreditation system: Development of the biosafety laboratory accreditation system in China

Journal of Biosafety and Biosecurity v. 1, 2019: p. 86-89

10.1016/j.jobbb.2018.12.008

Management; Accreditation; Biosafety laboratories

No. 768

Bradford, H.L.; Masuda, Y.; Cole, J.B.; Misztal, I.; VanRaden, P.M.

Modeling pedigree accuracy and uncertain parentage in single-step genomic evaluations of simulated and US Holstein datasets

Journal of Dairy Science v. 102, 2019: p. 2308-2318

10.3168/jds.2018-15419

genotype; average relationship matrix; pedigree error; selective genotyping

No. 769

Sauer, Ursula G.; Kreiling, Reinhard

The Grouping and Assessment Strategy for Organic Pigments (GRAPE): Scientific evidence to facilitate regulatory decision-making

Regulatory Toxicology and Pharmacology v. 109 , 2019 : p. 104501
10.1016/j.yrtph.2019.104501

Alveolar macrophages; (bio)dissolution; 3Rs principle (replace; Bioavailability; Caco-2 cell line; EU REACH regulation; Human health protection; Inhalation exposure; Oral exposure; Reduce; Refine animal testing); Regulatory toxicology

No. 770

Hori, Hisako; Shimoyoshi, Satomi; Tanaka, Yasuhiro; Momonami, Ayaka; Masumura, Kenichi; Yamada, Masami; Fujii, Wataru; Kitagawa, Yoshinori; Hayashi, Makoto

Multiple-endpoint genotoxicity assay for colon carcinogen 1,2-dimethylhydrazine

Mutation Research/Genetic Toxicology and Environmental Mutagenesis v. , 2019: p. 503130

10.1016/j.mrgentox.2019.503130

liver; bone marrow; colon; delta rats; DMH; micronucleus

No. 771

Lahart, B.; McParland, S.; Kennedy, E.; Boland, T.M.; Condon, T.; Williams, M.; Galvin, N.; McCarthy, B.; Buckley, F.

Predicting the dry matter intake of grazing dairy cows using infrared reflectance spectroscopy analysis

Journal of Dairy Science v. 102, 2019: p. 8907-8918

10.3168/jds.2019-16363

dry matter intake; grazing dairy cow; mid-infrared reflectance spectroscopy; near-infrared reflectance spectroscopy

No. 772

Zhu, H.X.; Liu, X.Q.; Cai, L.P.; Lei, M.M.; Chen, R.; Yan, J.S.; Yu, J.N.; Shi, Z.D.

Cellular and molecular mechanisms of low dose prolactin potentiation of testicular development in cockerels

Domestic Animal Endocrinology v. 69, 2019: p. 51-61

10.1016/j.domaniend.2019.04.003

Prolactin; Testosterone; Cockerels; Molecular mechanisms; Testicular development

No. 773

Reynolds, Desnatie; Min, Byeng R.; Gurung, Nar; McElhenney, Wendell; Lee, Jung H.; Solaiman, Sandra; Bolden-Tiller, Olga

Influence of tannin-rich pine bark supplementation in the grain mixes for meat goats: Growth performance, blood metabolites, and carcass characteristics

Animal Nutrition v. , 2019: p.

10.1016/j.aninu.2019.09.003

Goats; Animal performance; Blood metabolites; Carcass traits; Pine bark

No. 774

Fang, Lichun; Zhen, Yue; Su, Qi; Zhu, Hongfei; Guo, Xiaoyu; Zhao, Peng

Efficacy of CpG-ODN and Freund's immune adjuvants on antibody responses induced by chicken infectious anemia virus VP1, VP2, and VP3 subunit proteins

Poultry Science v. 98, 2019: p. 1121-1126

10.3382/ps/pey475

chicken infectious anemia; CpG-ODN; immunologic adjuvants; subunit vaccine; viral proteins

No. 775

Garrine, Carmen Maria Lucas Pedro; Yoshikawa, Carolina Yumi Cascão; Conti, Renata Maria Consentino; Correa, Lisia Bertonha; Pugine, Silvana Marina Piccoli; Tchamo, Cesaltina; Pondja, Alberto; de Carvalho Balieiro, Júlio Cesar; Zanetti, Marcus Antonio

Effects of different sources and levels of copper on lipid metabolism in Merino × Texel lambs

Meat Science v. 155, 2019: p. 85-90

10.1016/j.meatsci.2019.04.021

Cholesterol; Sheep; Fatty acids; Glutathione

No. 776

Ungar, Eugene David

Perspectives on the concept of rangeland carrying capacity, and their exploration by means of Noy-Meir's two-function model

Agricultural Systems v. 173, 2019: p. 403-413

10.1016/j.agry.2019.03.023

Dynamic simulation; Grazing deferment; Logistic herbage growth; Mediterranean herbaceous rangeland; Multiple-goal analysis; Stocking rate

No. 777

Ngekure M.X, Kavita; Jiang, Jingle; Enayatullah, Hamdard; Ennab, Wael; Mustafa, Sheeraz; Rodeni, Saif; Wei, Quanwei; Shi, Fangxiong

Sweet taste receptor agonists alter ovarian functions and ovarian cycles in aged mice

Reproductive Biology v. 19 , 2019 : p. 230-236
10.1016/j.repbio.2019.07.007

Ovary; Aged mice; Rebaudioside A; Saccharin sodium

No. 778

Florez, Daian; García-Duque, Carlos Emilio; Osorio, Juan Camilo

Is technology (still) applied science?

Technology in Society v. 59, 2019: p. 101193

10.1016/j.techsoc.2019.101193

Technology; Applied science; Realism; Skolimowski; The standard view of technology

No. 779

Sakai, Koki; Oishi, Kazato; Miwa, Masafumi; Kumagai, Hajime; Hirooka, Hiroyuki

Behavior classification of goats using 9-axis multi sensors: The effect of imbalanced datasets on classification performance

Computers and Electronics in Agriculture v. 166, 2019: p. 105027

10.1016/j.compag.2019.105027

Goat; Machine learning; 9-axis multi sensor; Balancing datasets; Behavioral classification

No. 780

Pierard, Marc; McGreevy, Paul; Geers, Rony

Reliability of a descriptive reference ethogram for equitation science

Journal of Veterinary Behavior v. 29, 2019: p. 118-127

10.1016/j.jveb.2018.10.001

equine; ethogram; structural behavioral definitions

No. 781

Cain, Joe

In My Tribe: What the Snouters (and Other Jokes) Reveal About Tribes in Science

Endeavour v. 43, 2019: p. 2-10

10.1016/j.endeavour.2018.12.001

Academic tribes; Jokelore; Mammalogy; Rhinogradentia; Snouters; Systematics; Tribalism

No. 782

Maria Cardinal, Katia; Kipper, Marcos; Andretta, Ines; Machado Leal Ribeiro, Andréa

Withdrawal of antibiotic growth promoters from broiler diets: performance indexes and economic impact

Poultry Science v. 98, 2019: p. 6659-6667

10.3382/ps/pez536

broiler chicken; weight gain; feed conversion; productive cost; sensitivity analysis

No. 783

Almeida Paz, Ibiara Correia de Lima; de Lima Almeida, Ianê Correia; de La Vega, Leonardo Thielo; Milbradt, Elisane Lenita; Borges, Mariana Rodrigues; Chaves, Gustavo Henrique Coelho; dos Ouros, Caio César; Lourenço da Silva, Marconi Italo; Caldara, Fabian

Productivity and Well-Being of Broiler Chickens Supplemented With Probiotic

Journal of Applied Poultry Research v. 28, 2019: p. 930-942

10.3382/japr/pfz054

probiotic; broiler; welfare

No. 784

Gianola, Daniel; Fernando, Rohan L.; Schön, Chris-Carolin

Inferring trait-specific similarity among individuals from molecular markers and phenotypes with Bayesian regression

Theoretical Population Biology v. , 2019: p.

10.1016/j.tpb.2019.11.008

Genomic selection; Complex traits; Genomic prediction; Genomic relationship; Prediction

No. 785

Jolles, Jolle W.; Briggs, Helen D.; Araya-Ajoy, Yimen G.; Boogert, Neeltje J.

Personality, plasticity and predictability in sticklebacks: bold fish are less plastic and more predictable than shy fish

Animal Behaviour v. 154 , 2019 : p. 193-202
10.1016/j.anbehav.2019.06.022

animal personality; behavioural reaction norm; boldness; consistency; exploration; IIV; plasticity; predictability; repeatability; stickleback

No. 787

Egert-McLean, Amanda M.; Sama, Michael P.; Klotz, James L.; McLeod, Kyle R.; Kristensen, Neils B.; Harmon, David L.

Automated system for characterizing short-term feeding behavior and real-time forestomach motility in cattle

Computers and Electronics in Agriculture v. 167, 2019: p. 105037
10.1016/j.compag.2019.105037

Cattle; Contraction; Feed disappearance; Feeding behavior; Rumen motility

No. 789

Špinka, Marek; Syrová, Michaela; Policht, Richard; Linhart, Pavel

Early vocal ontogeny in a polytocous mammal: no evidence of social learning among sibling piglets, *Sus scrofa*

Animal Behaviour v. 151, 2019: p. 9-19
10.1016/j.anbehav.2019.02.018

call convergence; cross-fostering; polytocous mammal; sibling acoustic similarity; social learning; vocal ontogeny

No. 791

Calefi, Atilio Sersun; de Queiroz Nunes, Catarina Augusta; da Silva Fonseca, Juliana Garcia; Quinteiro-Filho, Wanderley Moreno; Ferreira, Antonio José Piantino; Palermo-Neto, João

Heat stress reduces *Eimeria* spp. infection and interferes with *C. perfringens* infection via activation of the hypothalamic-pituitary-adrenal axis

Research in Veterinary Science v. 123, 2019: p. 273-280
10.1016/j.rvsc.2019.01.026

Heat stress; spp.; Avian necrotic enteritis; Neuroimmunomodulation

No. 786

Amon, Mary Jean; Favela, Luis H.

Distributed cognition criteria: Defined, operationalized, and applied to human-dog systems

Behavioural Processes v. 162, 2019: p. 167-176
10.1016/j.beproc.2019.03.001

Dogs; Agency; Distributed cognition; Extended cognition; Interaction dominance; Working animal

No. 788

Hossam Mahmoud, Ahmed; Mohammed Abu-Tarbush, Faisal; Alshaik, Mohammed; Aljumaah, Riyadh; Saleh, Amgad

Genetic diversity and population genetic structure of six dromedary camel (*Camelus dromedarius*) populations in Saudi Arabia

Saudi Journal of Biological Sciences v. , 2019: p.
10.1016/j.sjbs.2019.11.041

Population structure; Breeding programs; Gene flow; Microsatellite; Saudi Arabia

No. 790

Sitt, Tatjana; Kenney, Mary; Barrera, José; Pandya, Mital; Eckstrom, Korin; Warner, Megan; Pacheco, Juan M.; LaRocco, Michael; Palarea-Albaladejo, Javier; Brake, David; Rieder, Elizabeth; Arzt, Jonathan; Barlow, John W.; Golde, William T.

Duration of protection and humoral immunity induced by an adenovirus-vectored subunit vaccine for foot-and-mouth disease (FMD) in Holstein steers

Vaccine v. 37, 2019: p. 6221-6231
10.1016/j.vaccine.2019.08.017

Cattle; Foot-and-mouth disease virus; Duration of protection; FMDV A24/Cruzeiro/BRA/55; Humoral immunity; Replication-deficient human adenovirus vectored vaccine

No. 792

Jia, Zhifeng; Chen, Aorigele; Wang, Chunjie; He, Meiling; Xu, Jin; Fu, He; Zhang, Xin; Lv, Wenting; Guo, Zhenshuang

Amelioration effects of Kaempferol on immune response following chronic intermittent cold-stress

Research in Veterinary Science v. 125, 2019: p. 390-396
10.1016/j.rvsc.2019.08.012

Immune response; Antioxidant function; Cinnamon; Cold stress; Kaempferol; Neurochemicals

No. 793

Kumakamba, Charles; N’Kawa, Frida; Kingebeni, Placide Mbala; Losoma, Joseph Atibu; Lukusa, Ipos Ngay; Muyembe, Francisca; Mulembakani, Prime; Makuwa, Maria; LeBreton, Matthew; Gillis, Amethyst; Rimoin, Anne W.; Hoff, Nicole A.; Schneider, Bradley S.; Mona

Analysis of adenovirus DNA detected in rodent species from the Democratic Republic of the Congo indicates potentially novel adenovirus types

New Microbes and New Infections v. , 2019 : p. 100640
10.1016/j.nmni.2019.100640

PCR; Africa; Adenovirus; MADV-2; Rodent

No. 795

Alba, Davi Fernando; da Rosa, Gilneia; Hanauer, Dalana; Saldanha, Thalia Festa; Souza, Carine F.; Baldissera, Matheus D.; da Silva dos Santos, Daiane; Piovezan, Ana Paula; Girardini, Lilian Kolling; Schafer Da Silva, Aleksandro

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Microbial Pathogenesis v. 137, 2019: p. 103732

10.1016/j.micpath.2019.103732

Oxidative stress; Antimicrobial resistance; Milk sheep; spp; Subclinical mastitis

No. 797

Yadollahi, Sakine; Gholizadeh, Mohsen; Hafezian, Hasan

Bayesian inference on genetic parameters for some reproductive traits in sheep using linear and threshold models

Small Ruminant Research v. 170, 2019: p. 149-153

10.1016/j.smallrumres.2018.12.001

Sheep; Animal model; Reproductive traits; Bayesian method

No. 799

Scasta, J.D.; Jorns, T.; Derner, J.D.; Lake, S.; Augustine, D.J.; Windh, J.L.; Smith, T.L.

Validation of DNA metabarcoding of fecal samples using cattle fed known rations

Animal Feed Science and Technology v. 255, 2019: p. 114219

10.1016/j.anifeedsci.2019.114219

Grazing; Botanical composition; Dietary protein composition; Free-roaming herbivores; Plant chloroplast; Rangelands

No. 794

Kay, Gigi; Tligui, Noursaid; Semmate, Noha; Azrib, Rahma; González, Francisco Javier Navas; Brizgys, Lauren; McLean, Amy

Determining factors and interspecific modeling for serum amyloid A concentrations in working horses, donkeys, and mules

Research in Veterinary Science v. 125, 2019: p. 256-265

10.1016/j.rvsc.2019.07.004

Donkeys; Welfare; Mules; Serum amyloid A; Working equids

No. 796

Moosavi, A.; Ghazvini, R.D.; Ahmadikia, K.; Hashemi, S.J.; Geraishoar, M.; Mohebbi, M.; Yekaninejad, M.S.; Bakhshi, H.; Khodabakhsh, M.

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Journal de Mycologie Médicale v. 29, 2019: p. 14-18

10.1016/j.mycmed.2019.01.004

Iran; Dermatophytes; Cats; Fungal zoonoses; Meshkin-shahr

No. 798

Ribeiro, Leonir Bueno; Matzkeit, Tayná Vasconcelos; Nicolau, Julia Teodoro de Souza; Castilha, Leandro Dalcin; Oliveira, Fábio Cortez Leite de; Bankuti, Ferenc Istvan

Determinants of Undesirable Behaviors in American Quarter Horses Housed in Box Stalls

Journal of Equine Veterinary Science v. 80, 2019: p. 69-75

10.1016/j.jevs.2019.07.005

Management; Feeding; Equine; Stable; Stereotypic behavior

No. 800

Pugliesi, Guilherme; Dalmaso de Melo, Gabriela; Silva, Júlio Barboza; Carvalhêdo, Alexandre Sardinha; Lopes, Everton; de Siqueira Filho, Emivaldo; Silva, Luciano Andrade; Binelli, Mario

Use of color-Doppler ultrasonography for selection of recipients in timed-embryo transfer programs in beef cattle

Theriogenology v. 135, 2019: p. 73-79

10.1016/j.theriogenology.2019.06.006

Cattle; Follicle; Blood perfusion; Corpus luteum; Pregnancy success

No. 801

Mworia, Joseph Kiambi; Kibiti, Cromwell Mwiti; Ngugi, Mathew Piero; Ngeranwa, Joseph Ngari

Antipyretic potential of dichloromethane leaf extract of *Eucalyptus globulus* (Labill) and *Senna didymobotrya* (Fresenius) in rats models

Heliyon v. 5 , 2019 : p. e02924
10.1016/j.heliyon.2019.e02924

Veterinary medicine; Pyrexia

No. 802

Kersbergen, Inge; German, Alexander J.; Westgarth, Carri; Robinson, Eric

Portion size and meal consumption in domesticated dogs: An experimental study

Physiology & Behavior v. 204, 2019: p. 174-179

10.1016/j.physbeh.2019.02.034

Dogs; Animals; Feeding behaviour; Food intake; Portion size

No. 803

Silva, Elisa S.M.; Leite, Raíssa O.; Maciel, Luciana F.S.; Francia, Camila C.D.A.; Padovani, Carlos R.; Oliveira-Filho, José P.; Meira, Cezinande

Endometrial Histomorphometry of Anestrous Mares Under the Influence of Different Embryo Transfer Hormonal Protocols

Journal of Equine Veterinary Science v. 81, 2019: p. 102792

10.1016/j.jevs.2019.102792

Hormones; Endometrium; Histomorphometry; Noncyclic mares

No. 804

Nakamura, Michio; Hosaka, Kazuhiko; Itoh, Noriko; Matsumoto, Takuya; Matsusaka, Takahisa; Nakazawa, Nobuko; Nishie, Hitonaru; Sakamaki, Tetsuya; Shimada, Masaki; Takahata, Yukio; Yamagami, Masahiro; Zamma, Koichiro

Wild chimpanzees deprived a leopard of its kill: Implications for the origin of hominin confrontational scavenging

Journal of Human Evolution v. 131, 2019: p. 129-138

10.1016/j.jhevol.2019.03.011

Leopard; Animal carcass; Chimpanzee; Confrontational scavenging; Mahale Mountains; Meat-eating

No. 805

Olasege, B.S.; Zhang, S.; Zhao, Q.; Liu, D.; Sun, H.; Wang, Q.; Ma, P.; Pan, Y.

Genetic parameter estimates for body conformation traits using composite index, principal component, and factor analysis

Journal of Dairy Science v. 102, 2019: p. 5219-5229

10.3168/jds.2018-15561

body conformation trait; factor analysis; genetic parameter; principal component analysis

No. 806

Thelwall, Mike

The rhetorical structure of science? A multidisciplinary analysis of article headings

Journal of Informetrics v. 13, 2019: p. 555-563

10.1016/j.joi.2019.03.002

Academic writing; Academic refereeing; Article structure; Rhetorical structure theory

No. 807

Papi, N.; Kafizadeh, F.; Fazaeli, H.

Use of Jerusalem artichoke aerial parts as forage in fat-tailed sheep diet

Small Ruminant Research v. 174, 2019: p. 1-6

10.1016/j.smallrumres.2019.03.001

Aerial parts; Chall sheep; Jerusalem artichoke forage; Purine derivatives

No. 808

Boulter, Tyler; Bernhisel, Ashlie; Mamalis, Christina; Zaugg, Brian; Barlow, William R.; Olson, Randall J.; Pettey, Jeff H.

Phacoemulsification in review: Optimization of cataract removal in an in vitro setting

Survey of Ophthalmology v. 64, 2019: p. 868-875

10.1016/j.survophthal.2019.06.007

animal model; chatter; efficiency; in vitro; optimization; phacoemulsification

No. 809

Guarini, A.R.; Lourenco, D.A.L.; Brito, L.F.; Sargolzaei, M.; Baes, C.F.; Miglior, F.; Tsuruta, S.; Misztal, I.; Schenkel, F.S.

Use of a single-step approach for integrating foreign information into national genomic evaluation in Holstein cattle

Journal of Dairy Science v. 102 , 2019 : p. 8175-8183
10.3168/jds.2018-15819

genomic evaluation; multi-country genomic information; multiple across-country evaluation; single-step genomic best linear unbiased predictor

No. 810

Schwarzbach, S.V.; Melo, C.F.; Xavier, P.L.P.; Roballo, K.C.; Cordeiro, Y.G.; Ambrósio, C.E.; Fukumasu, H.; Carregaro, A.B.

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Biochimie v. 160, 2019: p. 28-33

10.1016/j.biochi.2019.02.004

Arthritis; LPS; mPGES-1; Opioids; PTGS2

No. 811

Gondard, Elise; Soto-Montenegro, Maria Luisa; Cassol, Amanda; Lozano, Andres M.; Hamani, Clement

Transcranial direct current stimulation does not improve memory deficits or alter pathological hallmarks in a rodent model of Alzheimer's disease

Journal of Psychiatric Research v. 114, 2019: p. 93-98

10.1016/j.jpsychires.2019.04.016

Alzheimer's disease; Animal models; Hippocampus; Memory; Neuromodulation; tDCS

No. 812

Chen, Fang; Nagy, Kenna; Chavez, Deborah; Willis, Shelby; McBride, Ryan; Giang, Erick; Honda, Andrew; Bukh, Jens; Ordoukhanian, Phillip; Zhu, Jiang; Frey, Sharon; Lanford, Robert; Law, Mansun

Antibody Responses to Immunization With HCV Envelope Glycoproteins as a Baseline for B cell-Based Vaccine Development

Gastroenterology v. , 2019: p.

10.1053/j.gastro.2019.11.282

animal model; AR3; HVR1; mAb

No. 813

Shu, Fei; Julien, Charles-Antoine; Zhang, Lin; Qiu, Junping; Zhang, Jing; Larivière, Vincent

Comparing journal and paper level classifications of science

Journal of Informetrics v. 13, 2019: p. 202-225

10.1016/j.joi.2018.12.005

Chinese Library Classification; Classification system of science; CSCD

No. 814

Rocha, Luis E.C; Terenius, Olle; Veissier, Isabelle; Meunier, Bruno; Nielsen, Per P.

Persistence of sociality in group dynamics of dairy cattle

Applied Animal Behaviour Science v. , 2019: p. 104921

10.1016/j.applanim.2019.104921

Dairy cows; Social network; Social preferences

No. 815

Mohammad Abu-Taweel, Gasem

Curcumin palliative effects on sexual behavior, fertility and reproductive hormones disorders in mercuric chloride intoxicated mice offspring

Journal of King Saud University - Science v. , 2019: p.

10.1016/j.jksus.2019.11.014

Fertility; Curcumin; Infertility; Mercuric chloride; Mice offspring

No. 816

Folgering, Joost H.; Choi, Minha; Schlumbohm, Christina; van Gaalen, Marcel M.; Stratford Jr., Robert E.

Development of a non-human primate model to support CNS translational research: Demonstration with D-amphetamine exposure and dopamine response

Journal of Neuroscience Methods v. 317, 2019: p. 71-81

10.1016/j.jneumeth.2019.02.005

Amphetamine; Dopamine; Microdialysis; Non-human primate; Population modeling; Translational sciences

No. 817

An, Xianli; Zhang, Fenfen; Liu, Yuan; Yang, Ping; Yu, Duonan

Remote fear memory is sensitive to reconditioning

Behavioural Brain Research v. 359 , 2019 : p. 723-730

10.1016/j.bbr.2018.09.013

Fear conditioning; Fear reconditioning; Recent memory; Remote memory; Stress sensitivity

No. 818

NaPier, Zachary; Kanim, Linda E.A.; Nelson, Trevor J.; Salehi, Khosrowdad; Arabi, Yasaman; Glaeser, Julianne D; Sheyn, Dmitriy; Metzger, Melodie F.

The effect of insulin dependent diabetes on bone metabolism and growth after spinal fusion

The Spine Journal v. , 2019: p.

10.1016/j.spinee.2019.11.011

Diabetes; Growth factors; Insulin dependence; Nonunion; Pseudarthrosis; Spinal fusion

No. 819

Bebin, C.

De l'homme handicapé à l'homme augmenté, une lecture des avancées de la science par l'art

Éthique & Santé v. 16, 2019: p. 20-24

10.1016/j.etique.2019.01.004

Science; Art; Augmenté; Disability; Handicap; Increased; Progrès; Progress

No. 820

Rebelo, Lucas R.; Luna, Irene C.; Messana, Juliana D.; Araujo, Rafael C.; Simioni, Tiago A.; Granja-Salcedo, Yury T.; Vito, Elias S.; Lee, Chanhee; Teixeira, Izabelle A.M.A.; Rooke, John A.; Berchielli, Telma T.

Effect of replacing soybean meal with urea or encapsulated nitrate with or without elemental sulfur on nitrogen digestion and methane emissions in feedlot cattle

Animal Feed Science and Technology v. 257, 2019: p. 114293

10.1016/j.anifeedsci.2019.114293

Methane; Beef cattle; Encapsulated nitrate; Microbial protein synthesis; Non-protein nitrogen

No. 821

Hu, Xiyi; Wang, Yufeng; Sheikahmadi, Ardashir; Li, Xianlei; Buyse, Johan; Lin, Hai; Song, Zhigang

Effects of glucocorticoids on lipid metabolism and AMPK in broiler chickens' liver

Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology v. 232, 2019: p. 23-30

10.1016/j.cbpb.2019.02.001

Broiler; Liver; CYP7A1; Glucocorticoid; Lipogenesis

No. 822

Coomansingh-Springer, C.; Vishakha, V.; Acuna, A. Montanez; Armstrong, E.; Sharma, R.N.

Internal parasitic burdens in brown rats (*Rattus norvegicus*) from Grenada, West Indies

Heliyon v. 5, 2019: p. e02382

10.1016/j.heliyon.2019.e02382

Animal science; Biological sciences; Public health; Veterinary medicine; Animal behavior; Brown rat; Endoparasites; Grenada; Zoology

No. 823

Oskoueian, Ehsan; Abdullah, Norhani; Noura, Reza; Ebrahimi, Mahdi; Ahmad, Syahida; Shakeri, Majid

Mode of action of *Jatropha curcas* phorbol esters in bovine kidney cells Biocatalysis and Agricultural Biotechnology v. 17, 2019: p. 514-524

10.1016/j.bcab.2019.01.010

Toxicity; Animal feed; Inflammation; Apoptosis; Biological activity; Molecular mechanism

No. 824

Weldekidan, Haftom; Strezov, Vladimir; Li, Rui; Kan, Tao; Town, Graham; Kumar, Ravinder; He, Jing; Flamant, Gilles

Distribution of solar pyrolysis products and product gas composition produced from agricultural residues and animal wastes at different operating parameters

Renewable Energy v. , 2019: p.

10.1016/j.renene.2019.11.107

Biomass; Combustible gases; Renewable energy; Solar fuels; Solar pyrolysis

No. 825

Stilwell, G.T.; Ferrador, A.M.; Santos, M.S.; Domingues, J.M.; Carolino, N.

Use of topical local anesthetics to control pain during treatment of hoof lesions in dairy cows

Journal of Dairy Science v. 102, 2019 : p. 6383-6390
10.3168/jds.2018-15820

animal welfare; hoof lesion; lameness; pain management; topical local anesthetic

No. 827

Bremer, S.; Haque, M. Mahfujul; Aziz, Saifullah Bin; Kvamme, S.

'My new routine': Assessing the impact of citizen science on climate adaptation in Bangladesh

Environmental Science & Policy v. 94, 2019: p. 245-257
10.1016/j.envsci.2018.12.029

Citizen science; Bangladesh; Climate adaptation; Governance assessment

No. 829

Meisner, Julianne; Barnabas, Ruanne V.; Rabinowitz, Peter M.

A mathematical model for evaluating the role of trypanocide treatment of cattle in the epidemiology and control of *Trypanosoma brucei* rhodesiense and *T. b. gambiense* sleeping sickness in Uganda

Parasite Epidemiology and Control v. 5, 2019: p. e00106
10.1016/j.parepi.2019.e00106

Cattle; Animal African trypanosomiasis; Human African trypanosomiasis; Mathematical modeling; One Health; Zoonoses

No. 831

Yuan, Tian-Yi; Chen, Di; Chen, Yu-Cai; Zhang, Hui-Fang; Niu, Zi-Ran; Jiao, Xiao-Zhen; Xie, Ping; Fang, Lian-Hua; Du, Guan-Hua

A novel hypertensive crisis rat model established by excessive norepinephrine infusion and the potential therapeutic effects of Rho-kinase inhibitors on it

Biomedicine & Pharmacotherapy v. 109, 2019: p. 1867-1875
10.1016/j.biopha.2018.11.061

Blood pressure; Hypertensive crisis; Norepinephrine; Novel animal model; Organ protection; Rho-kinase inhibitors

No. 826

Hu, X Q; Wang, W B; Liu, L; Wang, C; Feng, W; Luo, Q P; Han, R; Wang, X D

Effects of fat type and emulsifier in feed on growth performance, slaughter traits, and lipid metabolism of Cherry Valley ducks

Poultry Science v. 98, 2019: p. 5759-5766
10.3382/ps/pez369

emulsifier; fat metabolism; fat source; meat duck; production performance

No. 828

Kuti, Dániel; Winkler, Zsuzsanna; Horváth, Krisztina; Juhász, Balázs; Paholcsek, Melinda; Stágel, Anikó; Gulyás, Gabriella; Czeglédi, Levente; Ferenczi, Szilámér; Kovács, Krisztina J.

Gastrointestinal (non-systemic) antibiotic rifaximin differentially affects chronic stress-induced changes in colon microbiome and gut permeability without effect on behavior

Brain, Behavior, and Immunity v. , 2019: p.
10.1016/j.bbi.2019.12.004

Antibiotic; Ethogram; Neophobia; LPS; Chronic variable stress; F4/80; Maternal separation; Mesenteric lymph node; Reg3b; Tight junction

No. 830

Yang, Yang; Kanev, Danail; Nedeva, Radka; Jozwik, Artur; Rollinger, Judith M.; Grzybek, Weronika; Pyzel, Bożena; Yeung, Andy Wai Kan; Uhrin, Pavel; Breuss, Johannes M.; Horbanczuk, Jaroslaw O.; Malainer, Clemens; Xu, Tao; Wang, Dongdong; Atanasov, Atanas

Black pepper dietary supplementation increases high-density lipoprotein (HDL) levels in pigs

Current Research in Biotechnology v. 1, 2019: p. 28-33
10.1016/j.crbiot.2019.08.002

Growing pigs; Anti-oxidants; Black pepper; Cardiovascular diseases; Lipoproteins

No. 832

Leskovec, J.; Levart, A.; Perić, L.; Đukić Stojčić, M.; Tomović, V.; Pirman, T.; Salobir, J.; Rezar, V.

Antioxidative effects of supplementing linseed oil-enriched diets with α -tocopherol, ascorbic acid, selenium, or their combination on carcass and meat quality in broilers

Poultry Science v. 98, 2019: p. 6733-6741
10.3382/ps/pez389

broiler; meat quality; selenium; vitamin C; vitamin E

No. 833

Penney, Jenna; Lu, Yang; Pan, Bo; Feng, Yulong; Walk, Carrie; Li, Julang

Pure yeast beta-glucan and two types of yeast cell wall extracts enhance cell migration in porcine intestine model

Journal of Functional Foods v. 59 , 2019 : p. 129-137

10.1016/j.jff.2019.05.037

Beta-Glucan; Cell migration; Porcine intestine cells; Tissue repair; Yeast cell wall

No. 834

Fernandez, Eduardo J.; Timberlake, William

Foraging devices as enrichment in captive walruses (*Odobenus rosmarus*)

Behavioural Processes v. 168, 2019: p. 103943

10.1016/j.beproc.2019.103943

Enrichment; Animal welfare; Applied animal research; Foraging; Stereotypies; Walruses

No. 835

Dalla Costa, Filipe Antonio; Gibson, Troy John; Oliveira, Steffan Edward Octávio; Gregory, Neville George; Coldebella, Arlei; Faucitano, Luigi; Dalla Costa, Osmar Antonio

On-farm pig dispatch methods and stockpeople attitudes on their use

Livestock Science v. 221, 2019: p. 1-5

10.1016/j.livsci.2019.01.007

Animal welfare; Caretaker; Culling; Killing; Stockpeople attitudes; Survey

No. 836

Yu, Fuxian; Zhu, Zhiwei; Chen, Xiaoyu; Huang, Jing; Jia, Ruoxin; Pan, Jianzhi

Isolation, characterization and germline chimera preparation of primordial germ cells from the Chinese Meiling chicken

Poultry Science v. 98, 2019: p. 566-572

10.3382/ps/pey410

Chinese Meiling chicken; germline chimera preparation; primordial germ cells; separation and purification

No. 837

Hulsman Hanna, Lauren L.; Hieber, Jordan K.; Yu, Haipeng; Celestino, Elfren F.; Dahlen, Carl R.; Wagner, Sarah A.; Riley, David G.

Blood collection has negligible impact on scoring temperament in Angus-based weaned calves

Livestock Science v. 230, 2019: p. 103835

10.1016/j.livsci.2019.103835

Cattle; Age at scoring; Blood sampling; Entry order; Evaluation sequence; Temperament

No. 838

Hale, Robin; Swearer, Stephen E.; Sievers, Michael; Coleman, Rhys

Balancing biodiversity outcomes and pollution management in urban stormwater treatment wetlands

Journal of Environmental Management v. 233, 2019: p. 302-307

10.1016/j.jenvman.2018.12.064

Animal behaviour; Ecological trap; Urban planning; Water sensitive urban design

No. 839

Fan, Xiaoteng; Hou, Tingting; Sun, Tianzi; Zhu, Long; Zhang, Shuai; Tang, Kui; Wang, Zaizhao

Starvation stress affects the maternal development and larval fitness in zebrafish (*Danio rerio*)

Science of The Total Environment v. 695, 2019: p. 133897

10.1016/j.scitotenv.2019.133897

Autophagic activity; DNA methylation; Maternal starvation; Reproductive impairments; Zebrafish

No. 840

Haj-Mirzaian, Arvin; Ramezanzadeh, Kiana; Tafazolimoghadam, Armin; Kazemi, Kiarash; Nikbakhsh, Rajan; Nikbakhsh, Rambod; Amini-Khoei, Hossein; Afshari, Khashayar; Haddadi, Nazgol-Sadat; Shakiba, Saeed; Azimirad, Fahimeh; Mousavi, Seyyed Elahe; Dehpour, Ah

Protective effect of minocycline on LPS-induced mitochondrial dysfunction and decreased seizure threshold through nitric oxide pathway

European Journal of Pharmacology v. 858, 2019: p. 172446

10.1016/j.ejphar.2019.172446

Pro-inflammatory cytokines; LPS; Minocycline; Mitochondrial dysfunction; Nitric oxide; Seizure

No. 841

Li, Li; Shen, Bingbing; Dai, Siqi; Tang, Zhenhai; Zhao, Wei; Zhan, Siyuan; Wang, Linjie; Zhong, Tao; Guo, Jiazhong; Zhang, Hongping

The novel mutations in the MEF2C gene associate with growth of Nanjiang Yellow goats

Gene Reports v. 14 , 2019 : p. 100-109
10.1016/j.genrep.2018.12.003

Goat; Growth performance; Alternative splicing; dlx5; DNA accessibility; Myocyte enhancer factor 2C; Single nucleotide variation

No. 842

Oliveira, H.R.; Lourenco, D.A.L.; Masuda, Y.; Misztal, I.; Tsuruta, S.; Jamrozik, J.; Brito, L.F.; Silva, F.F.; Cant, J.P.; Schenkel, F.S.

Single-step genome-wide association for longitudinal traits of Canadian Ayrshire, Holstein, and Jersey dairy cattle

Journal of Dairy Science v. 102, 2019: p. 9995-10011
10.3168/jds.2019-16821

milk; SNP effect; test-day; random regression

No. 843

Biffar, Lucia; Blunt, Laura; Atkins, William; Anderson, Paul; Holder, Tom; Xing, Zhou; Vordermeier, Martin; McShane, Helen; Villarreal-Ramos, Bernardo

Evaluating the sensitivity of the bovine BCG challenge model using a prime boost Ad85A vaccine regimen

Vaccine v. , 2019: p.
10.1016/j.vaccine.2019.11.005

Ad85A; BCG Tokyo; Bovine BCG challenge model; Bovine tuberculosis; Intranodal challenge; Predictors of protection

No. 844

Sparkman, Nathan L.; Buchanan, Jessica B.; Dos Santos, Natalia L.; Johnson, Rodney W.; Burton, Michael D.

Aging sensitizes male mice to cognitive dysfunction induced by central HIV-1 gp120

Experimental Gerontology v. 126, 2019: p. 110694
10.1016/j.exger.2019.110694

Cognition; Aging; gp120; HIV-1; HIV-associated dementia; Neuroinflammation

No. 845

Guo, Ziliang; Cui, Guofa; Zhang, Manyin; Li, Xiaoyu

Analysis of the contribution to conservation and effectiveness of the wetland reserve network in China based on wildlife diversity

Global Ecology and Conservation v. 20, 2019: p. e00684
10.1016/j.gecco.2019.e00684

Effectiveness; Conservation; Contribution; National nature reserve; National wetland park; Wetland

No. 846

Katri, A.; Dąbrowska, A.; Löfvall, H.; Karsdal, M.A.; Andreassen, K.V.; Thudium, C.S.; Henriksen, K.

A dual amylin and calcitonin receptor agonist inhibits pain behavior and reduces cartilage pathology in an osteoarthritis rat model

Osteoarthritis and Cartilage v. 27, 2019: p. 1339-1346
10.1016/j.joca.2019.05.016

Treatment; Pain; Animal models; Osteoarthritis; Bone; Dual amylin-calcitonin receptor agonist

No. 847

Tudisco, Raffaella; Musco, Nadia; Pero, Maria E.; Morittu, Valeria M.; Grossi, Micaela; Mastellone, Vincenzo; Cavaliere, Gina; Wanapat, Metha; Infascelli, Federico; Lombardi, Pietro

Influence of dietary hydrogenated palm oil supplementation on serum biochemistry and progesterone levels in dairy goats

Animal Nutrition v. 5, 2019: p. 286-289
10.1016/j.aninu.2019.03.005

Progesterone; Goat; Metabolism; Hydrogenated palm oil

No. 848

Bilska, Agnieszka; Kobus-Cisowska, Joanna; Kmiecik, Dominik; Danyluk, Bożena; Kowalski, Ryszard; Szymanowska, Daria; Gramza-Michałowska, Anna; Szczepaniak, Oskar

Cholinesterase inhibitory activity, antioxidative potential and microbial stability of innovative liver pâté fortified with rosemary extract (Rosmarinus officinalis)

Electronic Journal of Biotechnology v. 40, 2019: p. 22-29
10.1016/j.ejbt.2019.03.007

Animal fat; Antioxidants; Cholinesterase; Essential oils; Liver pâté; Peroxide value; Rapeseed oil; Rosemary extract; TBARS

No. 849

Taniguchi, Yuji; Yanagihara, Itaru; Nakura, Yukiko; Ichikawa, Chihiro; Saito, Taizo; Appiah-Kwarteng, Cornelia; Matsuzaki, Motomichi; Fukumoto, Junpei; Nagamune, Kisaburo; Kyan, Hisako; Takasu, Masaki; Kitoh, Katsuya; Takashima, Yasuhiro

A *Toxoplasma gondii* strain isolated in Okinawa, Japan shows high virulence in Microminipigs

Parasitology International v. 72 , 2019 : p. 101935

10.1016/j.parint.2019.101935

Toxoplasmosis; Virulence; Japan; Microminipig

No. 850

Gan, Lei; Wu, Pei; Feng, Lin; Jiang, Wei-Dan; Liu, Yang; Jiang, Jun; Kuang, Sheng-Yao; Tang, Ling; Zhou, Xiao-Qiu

Erucic acid inhibits growth performance and disrupts intestinal structural integrity of on-growing grass carp (*Ctenopharyngodon idella*)

Aquaculture v. 513, 2019: p. 734437

10.1016/j.aquaculture.2019.734437

Apoptosis; Oxidative damage; Tight junction; Erucic acid; Intestinal segments

No. 851

Clegg, Frank M.; Sears, Margaret; Friesen, Margaret; Scarato, Theodora; Metzinger, Rob; Lee Russell, Cindy; Stadtnr, Alex; Miller, Anthony B.

Building science and radiofrequency Radiation:What makes smart and healthy buildings

Building and Environment v. , 2019: p. 106324

10.1016/j.buildenv.2019.106324

Wi-Fi; Public health; Environmental health; Microwave radiation; Radiofrequency radiation; Smart building

No. 852

Slawinska, A.; Mendes, S.; Dunislawska, A.; Siwek, M.; Zampiga, M.; Sirri, F.; Meluzzi, A.; Tavaniello, S.; Maiorano, G.

Avian model to mitigate gut-derived immune response and oxidative stress during heat

Biosystems v. 178, 2019: p. 10-15

10.1016/j.biosystems.2019.01.007

Heat stress; Prebiotic; Broiler chicken; Galactooligosaccharides; Interleukines; stimulation

No. 853

Ali, Zeinab I.; Saudi, Adel M.; Albrecht, Ralph; Talaat, Adel M.

The inhibitory effect of nisin on *Mycobacterium avium* ssp. paratuberculosis and its effect on mycobacterial cell wall

Journal of Dairy Science v. 102, 2019: p. 4935-4944

10.3168/jds.2018-16106

milk; Johne's disease; nisin; ssp.

No. 854

Eklund, Ann; Johansson, Maria; Flykt, Anders; Andrén, Henrik; Frank, Jens

Believed effect - A prerequisite but not a guarantee for acceptance of carnivore management interventions

Biological Conservation v. , 2019: p. 108251

10.1016/j.biocon.2019.108251

Predation; Conflict mitigation; Human perceptions; Large carnivore; Potential for conflict index; Wildlife conflict

No. 855

Chen, Dechun; Miao, Zhiying; Peng, Muqiao; Xing, Houjuan; Zhang, Hongfu; Teng, Xiaohua

The co-expression of circRNA and mRNA in the thymuses of chickens exposed to ammonia

Ecotoxicology and Environmental Safety v. 176, 2019: p. 146-152

10.1016/j.ecoenv.2019.03.076

Chicken; Ammonia; Oxidative stress; Inflammation; circRNA; Thymus

No. 856

Giraudeau, Mathieu; Watson, Hannah; Powell, Daniel; Vincze, Orsolya; Thomas, Frederic; Sepp, Tuul; Ujvari, Beata; Le Loc'h, Guillaume; Isaksson, Caroline

Will urbanisation affect the expression level of genes related to cancer of wild great tits?

Science of The Total Environment v. , 2019: p. 135793

10.1016/j.scitotenv.2019.135793

Cancer; Pollutants; Tumor-suppressor genes; Urbanization

No. 857

Chen, Yuanchen; Zang, Lu; Liu, Maodian; Zhang, Chunlong; Shen, Guofeng; Du, Wei; Sun, Zhe; Fei, Jie; Yang, Liyang; Wang, Yonghui; Wang, Xuejun; Zhao, Meirong

Ecological risk assessment of the increasing use of the neonicotinoid insecticides along the east coast of China

Environment International v. 127 , 2019 : p. 550-557

10.1016/j.envint.2019.04.010

Aquatic animals; Agricultural practices; Coastal water of China; Ecological risks; Neonicotinoids; Spatial and seasonal distribution

No. 859

Shome, Rajeswari; Deka, Ram Pratim; Miles, Ligi; Sahay, Swati; Grace, Delia; Lindahl, Johanna F.

Coxiella seroprevalence and risk factors in large ruminants in Bihar and Assam, India

Acta Tropica v. 194, 2019: p. 41-46

10.1016/j.actatropica.2019.03.022

Seroepidemiology; Zoonosis; Q fever; India; Coxiella burnetii; Dairy production

No. 861

Gao, Bing; Wang, Lan; Cai, Zucong; Huang, Wei; Huang, Yunfeng; Cui, Shenghui

Spatio-temporal dynamics of nitrogen use efficiencies in the Chinese food system, 1990–2017

Science of The Total Environment v. , 2019: p. 134861

10.1016/j.scitotenv.2019.134861

Control measures; Influence factors; N cost; N input; Provincial food system; Virtual NUE

No. 863

Abdalla, E.A.; Lopes, F.B.; Byrem, T.M.; Weigel, K.A.; Rosa, G.J.M.

Genomic prediction of bovine leukosis incidence in a US Holstein population

Livestock Science v. 225, 2019: p. 73-77

10.1016/j.livsci.2019.05.004

Reliability; Genomic prediction; Bovine leukosis; Deregressed proofs; Prediction bias

No. 858

Zhuang, Zi-Xuan; Chen, Shuen-Ei; Chen, Chih-Feng; Lin, En-Chung; Huang, San-Yuan

Genome-wide association study on the body temperature changes of a broiler-type strain Taiwan country chickens under acute heat stress

Journal of Thermal Biology v. 82, 2019: p. 33-42

10.1016/j.jtherbio.2019.03.007

Thermotolerance; Acute heat stress; Body temperature changes; Genome-wide association study; Taiwan country chickens

No. 860

Leal, Pollyana C.; Bispo, José Marcos M.; Engelberth, Rovenia C.G.J.; de A. Silva, Kayo Diogenes; Meurer, Yvliane R.; Ribeiro, Alessandra M.; Silva, Regina H.; Marchioro, Murilo; Santos, José R.

Serotonergic dysfunction in a model of parkinsonism induced by reserpine

Journal of Chemical Neuroanatomy v. 96, 2019: p. 73-78

10.1016/j.jchemneu.2018.12.011

Animal model; Serotonin; Parkinson's disease; 5-HT

No. 862

Can, Özgün Emre; D'Cruze, Neil; Macdonald, David W.

Dealing in deadly pathogens: Taking stock of the legal trade in live wildlife and potential risks to human health

Global Ecology and Conservation v. 17, 2019: p. e00515

10.1016/j.gecco.2018.e00515

Human health; Epidemics; Outbreaks; Pandemics; Wildlife trade; Zoonotic disease

No. 864

Bo, Feng; Yang, Wen-Tao; Shonyela, Seria Masole; Jin, Yu-Bei; Huang, Ke-Yan; Shao, Li-Na; Wang, Cong; Zhou, You; Li, Qiong-Yan; Jiang, Yan-Long; Huang, Hai-Bin; Shi, Chun-Wei; Wang, Jian-Zhong; Wang, Guan; Kang, Yuan-Huan; Yang, Gui-Lian; Wang, Chun-Feng

Immune responses of mice inoculated with recombinant Lactobacillus plantarum NC8 expressing the fusion gene HA2 and 3M2e of the influenza virus and protection against different subtypes of influenza virus

Virus Research v. 263, 2019: p. 64-72

10.1016/j.virusres.2019.01.001

Immune response; Influenza virus; Oral immunization

No. 865

Zhou, Zuoyong; Li, Hexian; Tian, Shangquan; Yi, Wenyi; Zhou, Yang; Yang, Haoyue; Li, Xiao; Wu, Bi; Li, Xiaoxia; Wu, Junjun; Wang, Zhiying; Hu, Shijun; Fang, Rendong

Critical roles of NLRP3 inflammasome in IL-1 β secretion induced by *Corynebacterium pseudotuberculosis* in vitro

Molecular Immunology v. 116 , 2019 : p. 11-17

10.1016/j.molimm.2019.09.016

Interleukin-1 β ; NF- κ B; NLRP3 inflammasome; p38MAPK; TLR4

No. 866

Silva, W.L.; Costa, J.P.R.; Caputti, G.P.; Lage Filho, N.M.; Ruggieri, A.C.; Reis, R.A.

Effects of grazing intensity and supplementation strategies on Tifton 85 production and on sheep performance

Small Ruminant Research v. 174, 2019: p. 118-124

10.1016/j.smallrumres.2019.03.015

Dry season; Grazed stratum; Light interception; Rainy season; Residual LAI

No. 867

Finkemeier, Marie-Antoine; Oesterwind, Susann; Nürnberg, Gerd; Puppe, Birger; Langbein, Jan

Assessment of personality types in Nigerian dwarf goats (*Capra hircus*) and cross-context correlations to behavioural and physiological responses

Applied Animal Behaviour Science v. 217, 2019: p. 28-35

10.1016/j.applanim.2019.05.004

Personality; Ruminants; Dwarf goats; Farm animals; Personality types

No. 868

Skelhorn, E.P.G.; Garcia-Ara, A.; Nova, R.J.; Kinston, H.; Wapenaar, W.

Public opinion and perception of rosé veal in the UK

Meat Science v. , 2019: p. 108032

10.1016/j.meatsci.2019.108032

Animal welfare; Meat consumption; Dairy calves; Consumer perception; Public awareness; Sustainable production

No. 869

Hosseini, Leila; Farokhi-Sisakht, Fatemeh; Badalzadeh, Reza; Khabbaz, Aytak; Mahmoudi, Javad; Sadigh-Eteghad, Saeed

Nicotinamide Mononucleotide and Melatonin Alleviate Aging-induced Cognitive Impairment via Modulation of Mitochondrial Function and Apoptosis in the Prefrontal Cortex and Hippocampus

Neuroscience v. 423, 2019: p. 29-37

10.1016/j.neuroscience.2019.09.037

apoptosis; aging; learning and memory; melatonin; mitochondrial dysfunction; nicotinamide mononucleotide

No. 870

Novossiolova, Tatyana; Whitman, Jim; Dando, Malcolm

Altering an appreciative system: Lessons from incorporating dual-use concerns into the responsible science education of biotechnologists

Futures v. 108, 2019: p. 53-60

10.1016/j.futures.2019.02.001

Appreciative system; Geoffrey Vickers; Life sciences; Responsibility; Weapons of mass destruction

No. 871

Singh, Raghunath; Bansal, Yashika; Sodhi, Rupinder Kaur; Saroj, Priyanka; Medhi, Bikash; Kuhad, Anurag

Modeling of antipsychotic-induced metabolic alterations in mice: An experimental approach precluding psychosis as a predisposing factor

Toxicology and Applied Pharmacology v. 378, 2019: p. 114643

10.1016/j.taap.2019.114643

Animal model; Metabolic syndrome; Weight gain; Antipsychotics; Olanzapine; Risperidone

No. 872

Li, Weidong; Xu, Haina; Yin, Yanbo; Shen, Wei; Sun, Qing-Yuan; Zhao, Minghui

In vitro production of canine blastocysts

Theriogenology v. 135, 2019: p. 164-168

10.1016/j.theriogenology.2019.06.016

Blastocyst; Canine embryo; culture (IVC); Parthenogenetic activation (PA); Qingdao agricultural University's (QAU-4) medium; Somatic cell nucleus transfer (SCNT)

No. 873

Costa, Edson V.; Ventura, Henrique T.; Veroneze, Renata; Silva, Fabyano F.; Pereira, Mariana A.; Lopes, Paulo S.

Bayesian linear-threshold censored models for genetic evaluation of age at first calving and stayability in Nellore cattle

Livestock Science v. 230 , 2019 : p. 103833

10.1016/j.livsci.2019.103833

Bovine; Censored records; Cross validation; Multiple-trait

No. 875

Li, Mao; Zhou, Hanlin; Xu, Tieshan; Zi, Xuejuan

Effect of cassava foliage on the performance, carcass characteristics and gastrointestinal tract development of geese

Poultry Science v. 98, 2019: p. 2133-2138

10.3382/ps/pey567

carcass characteristics; cassava foliage; gastrointestinal tract development; geese; performance

No. 877

Comin, Arianna; Jeremiasson, Alexandra; Kratzer, Gilles; Keeling, Linda

Revealing the structure of the associations between housing system, facilities, management and welfare of commercial laying hens using Additive Bayesian Networks

Preventive Veterinary Medicine v. 164, 2019: p. 23-32

10.1016/j.prevetmed.2019.01.004

Poultry; Animal welfare; Additive Bayesian Network; Multivariate modelling

No. 879

Sharma, Sunil Kumar; Bansal, Mohinder Pal; Sandhir, Rajat

Altered dietary selenium influences brain iron content and behavioural outcomes

Behavioural Brain Research v. 372, 2019: p. 112011

10.1016/j.bbr.2019.112011

Selenium; Behaviour; Oxidative stress; Brain; Glutathione peroxidase; Iron

No. 874

Tian, Ke; Liu, Junhui; Sun, Yawang; Wu, Yongjiang; Chen, Juncai; Zhang, Ruiming; He, Tianle; Dong, Guozhong

Effects of dietary supplementation of inulin on rumen fermentation and bacterial microbiota, inflammatory response and growth performance in finishing beef steers fed high or low-concentrate diet

Animal Feed Science and Technology v. 258, 2019: p. 114299

10.1016/j.anifeedsci.2019.114299

Rumen; Bacterial microbiota; Beef steer; Inulin; Lipopolysaccharide

No. 876

Goursot, Charlotte; Döpjan, Sandra; Tuchscherer, Armin; Puppe, Birger; Leliveld, Lisette M.C.

Visual laterality in pigs: monocular viewing influences emotional reactions in pigs

Animal Behaviour v. 154, 2019: p. 183-192

10.1016/j.anbehav.2019.06.021

animal welfare; heart rate variability; emotional conditioning; emotional valence hypothesis

No. 878

Sato, Joyce; Ogawa, Camilla Y.L.; Sandrini, Marcelo; Medina, Antonio N.; Sato, Francielle; Vasconcellos, Ricardo S.

Study of keratin hair of domestic cat under methionine and cystine experimental diet using FT-Raman spectroscopy

Vibrational Spectroscopy v. 100, 2019: p. 1-5

10.1016/j.vibspec.2018.11.001

Keratin; Cat hair; Cysteine; Raman spectroscopy

No. 880

El Bizri, Hani Rocha; Fa, John E.; Valsecchi, João; Bodmer, Richard; Mayor, Pedro

Age at sexual maturity, first parturition and reproductive senescence in wild lowland pacas (*Cuniculus paca*): Implications for harvest sustainability

Animal Reproduction Science v. 205, 2019: p. 105-114

10.1016/j.anireprosci.2019.04.009

Reproduction; Hunting; Amazon; Community-based collection; Rodentia

No. 881

Zaccarelli-Magalhães, Julia; Sandini, Thaisa Meira; de Abreu, Gabriel Ramos; Petrocelli, Bianca Maria; Moreira, Natalia; Reis-Silva, Thiago Moirinho; Lebrun, Ivo; Flório, Jorge Camilo; Ricci, Esther Lopes; Fukushima, André Rinaldi; Faria Waziry, Paula A.;

Prolonged exposure of rats to varenicline increases anxiety and alters serotonergic system, but has no effect on memory

Pharmacology Biochemistry and Behavior v. 181 , 2019 : p. 1-8
10.1016/j.pbb.2019.03.009

Memory; Anxiety; Central nervous system; Cholinergic receptors; Varenicline

No. 882

Platel, A.; Privat, K.; S.Talahari; Delobel, A.; Dourdin, G.; Gateau, E.; Simar, S.; Saleh, Y.; Sotty, J.; Antherieu, S.; Canivet, L.; Alleman, L.-Y.; Perdrix, E.; Garçon, G.; Denayer, F.O.; Lo Guidice, J.M.; Nesslany, F.

Study of in vitro and in vivo genotoxic effects of air pollution fine (PM2.5-0.18) and quasi-ultrafine (PM0.18) particles on lung models

Science of The Total Environment v. , 2019: p. 134666

10.1016/j.scitotenv.2019.134666

Animal model; Air pollution; Fine and ultrafine particles; Genotoxicity; Human lung cell models

No. 883

Grant, Emily P.; Wickham, Sarah L.; Anderson, Fiona; Barnes, Anne L.; Fleming, Patricia A.; Miller, David W.

Behavioural assessment of sheep is sensitive to level of gastrointestinal parasite infection

Applied Animal Behaviour Science v. , 2019: p. 104920

10.1016/j.applanim.2019.104920

Sheep; Animal welfare; Gastrointestinal parasites; Qualitative behavioural assessment (QBA)

No. 884

He, Yanhao; Yang, Guangde; Yao, Feng; Xian, Yushan; Wang, Guan; Chen, Lifang; Lv, Xiaohan; Gao, Hongqian; Zheng, Zihan; Sun, Lijing; Wang, Weirong; Lin, Rong

Sitagliptin inhibits vascular inflammation via the SIRT6-dependent signaling pathway

International Immunopharmacology v. 75, 2019: p. 105805

10.1016/j.intimp.2019.105805

Inflammation; ROS; SIRT6; Sitagliptin

No. 885

Parham, Jamie T.; Tanner, Amy E.; Barkley, Katharine; Pullen, Lyla; Wahlberg, Mark L.; Swecker, William S.; Lewis, Ronald M.

Temperamental cattle acclimate more substantially to repeated handling

Applied Animal Behaviour Science v. 212, 2019: p. 36-43

10.1016/j.applanim.2019.01.001

Beef cattle; Temperament; Acclimation; Docility; Repeated handling

No. 886

Hooykaas, Michiel J.D.; Schilthuizen, Menno; Aten, Cathelijn; Hemelaar, Elisabeth M.; Albers, Casper J.; Smeets, Ionica

Identification skills in biodiversity professionals and laypeople: A gap in species literacy

Biological Conservation v. 238, 2019: p. 108202

10.1016/j.biocon.2019.108202

Biodiversity; Biodiversity awareness; Knowledge gap; Native species; Science communication; Species knowledge

No. 887

Villot, C.; Ma, T.; Renaud, D.L.; Ghaffari, M.H.; Gibson, D.J.; Skidmore, A.; Chevaux, E.; Guan, L.L.; Steele, M.A.

Saccharomyces cerevisiae boulardii CNCM I-1079 affects health, growth, and fecal microbiota in milk-fed veal calves

Journal of Dairy Science v. 102, 2019: p. 7011-7025

10.3168/jds.2018-16149

growth; diarrhea; fecal microbiota

No. 888

Cowieson, A.J.; Vieira, S.L.; Stefanello, C.

Exogenous Microbial Amylase in the Diets of Poultry: What do We Know?

Journal of Applied Poultry Research v. 28, 2019: p. 556-565

10.3382/japr/pfy044

poultry; amylase; digestion; nutrition; starch

No. 889

Niigaki, Suzy Tamie; Peres, Fernanda Fiel; Ferreira, Lizia; Libanio, Tania; Gouvea, Douglas Albuquerque; Levin, Raquel; Almeida, Valeria; Silva, Neide Derci; Diana, Mariana Cepollaro; Suizama, Mayra Akimi; Calzavara, Mariana Bendlin; Abilio, Vanessa Costhe

Young spontaneously hypertensive rats (SHRs) display prodromal schizophrenia-like behavioral abnormalities

Progress in Neuro-Psychopharmacology and Biological Psychiatry v. 90 , 2019 : p. 169-176

10.1016/j.pnpbp.2018.11.020

Animal model; Schizophrenia; Prodromal phase

No. 891

Arnet, Evan

William Timberlake: An Ethologist's Psychologist

Behavioural Processes v. 166, 2019: p. 103895

10.1016/j.beproc.2019.103895

Reinforcement; Ethology; Behavior Systems; Comparative Psychology; William Timberlake

No. 893

Lambert, Patrick; Lassalle, Géraldine; Acolas, Marie-Laure; Bau, Frédérique; Castelnaud, Gérard; Daverat, Françoise; Jatteau, Philippe; Rigaud, Christian; Rochard, Eric; Roqueplo, Charles; de Jouvenel, François

A foresight analysis in fisheries science: The case study of migratory fish research

Futures v. 111, 2019: p. 90-103

10.1016/j.futures.2019.06.001

Diadromous fishes; Futures study; Research activities; Scenarios; Strategic orientations

No. 895

Perez, B.C.; Balieiro, J.C.C.; Oliveira Junior, G.A.; Andrietta, L.T.; Vizoná, R.G.; Ventura, R.V.; Bruneli, F.A.T.; Peixoto, M.G.C.D.

State of inbreeding and genetic trends for estimated breeding values in IVF embryos and oocyte donors in the Brazilian Guzará cattle

Theriogenology v. 125, 2019: p. 71-78

10.1016/j.theriogenology.2018.10.025

Genetic trends; In-vitro fertilization; Inbreeding; Ovum-pick up; Zebu cattle

No. 890

Gelardi, Valeria; Fagot, Joël; Barrat, Alain; Claidière, Nicolas

Detecting social (in)stability in primates from their temporal co-presence network

Animal Behaviour v. 157, 2019: p. 239-254

10.1016/j.anbehav.2019.09.011

animal social network; automatic cognitive testing; co-presence network; dynamic network; social balance

No. 892

Façaanha, Débora Andréa E.; Ferreira, Josiel B.; Morais Leite, Jacinara Hody G.; de Sousa, José Ernandes R.; Guilhermino, Magda M.; Costa, Wirtton P.; Bermejo Asensio, Luis A.; de Vasconcelos, Angela Maria; Silveira, Robson Mateus F.

The dynamic adaptation of Brazilian Brahman bulls

Journal of Thermal Biology v. 81, 2019: p. 128-136

10.1016/j.jtherbio.2019.02.016

Beef cattle; Multivariate analysis; Seasons; Thyroid; Tropical conditions

No. 894

Korotkova, Daria D.; Lyubetsky, Vassily A.; Ivanova, Anastasia S.; Rubanov, Lev I.; Seliverstov, Alexander V.; Zverkov, Oleg A.; Martynova, Natalia Yu.; Nesterenko, Alexey M.; Tereshina, Maria B.; Peshkin, Leonid; Zarsky, Andrey G.

Bioinformatics Screening of Genes Specific for Well-Regenerating Vertebrates Reveals c-answer, a Regulator of Brain Development and Regeneration

Cell Reports v. 29, 2019: p. 1027-1040.e6

10.1016/j.celrep.2019.09.038

bioinformatics screening; FGF signaling; forebrain; genes extinction; genome evolution; purinergic signaling; regeneration

No. 896

Bauman, C.A.; Jones-Bitton, Andria; Jansen, Jocelyn; Kelton, David; Menzies, Paula

Evaluation of bulk tank milk PCR and bulk tank milk modified ELISA tests for the detection of paratuberculosis at the herd level in goat and sheep dairies in Ontario, Canada

Journal of Dairy Science v. 102, 2019: p. 511-520

10.3168/jds.2018-15020

bulk tank milk; dairy goats; dairy sheep; paratuberculosis

No. 897

Moreira, N.; Torres, M.A.; Navas-Suárez, P.E.; Gonçalves, V.; Raspantini, P.C.F.; Raspantini, L.E.R.; Gotardo, A.T.; Andrade, A.F.C.; Spinosa, H.S.

Ivermectin does not interfere with seminal and hormonal parameters in male rabbits

Theriogenology v. 124 , 2019 : p. 32-38
10.1016/j.theriogenology.2018.09.029

Testosterone; Andrological evaluation; Avermectin; Spermatozoa characteristics

No. 898

Xie, Lang; Tao, Yixi; Wu, Ronghua; Ye, Qin; Xu, Hao; Li, Yun

Congenital asplenia due to a tlx1 mutation reduces resistance to Aeromonas hydrophila infection in zebrafish

Fish & Shellfish Immunology v. 95, 2019: p. 538-545
10.1016/j.fsi.2019.10.065

Congenital asplenia; Disease resistance; knock-out

No. 899

Pérez, Tania; Alba, Claudio; Aparicio, Marina; de Andrés, Javier; Ruiz Santa Quiteria, José A.; Rodríguez, Juan M.; Gibello, Alicia

Abundant bacteria in the proximal and distal intestine of healthy Siberian sturgeons (Acipenser baerii)

Aquaculture v. 506, 2019: p. 325-336
10.1016/j.aquaculture.2019.03.055

Bacteria in healthy fish; Development of probiotics in aquaculture; Gut bacterial communities; Site-specific gut microbiota; Sturgeon microbiomes

No. 900

Gomes Noll, Jéssica Caroline; Joshi, Lok Raj; do Nascimento, Gabriela Mansano; Vieira Fernandes, Maureen Hoch; Sharma, Bishwas; Furtado Flores, Eduardo; Diel, Diego Gustavo

Deletion of the thymidine kinase gene attenuates Caprine alphaherpesvirus 1 in goats

Veterinary Microbiology v. 237, 2019: p. 108370
10.1016/j.vetmic.2019.07.022

Animal alphaherpesvirus; Attenuation; Caprine viruses; CpHV-1; gene

No. 901

Fischer, Klara; Sjöström, Karin; Stiernström, Arvid; Emanuelson, Ulf

Dairy farmers' perspectives on antibiotic use: A qualitative study

Journal of Dairy Science v. 102, 2019: p. 2724-2737
10.3168/jds.2018-15015

antibiotic; biosecurity; dairy; farmer behavior

No. 902

Li, Xiaohui; Xing, Li

Use of Unmanned Aerial Vehicles for Livestock Monitoring based on Streaming K-Means Clustering**This work was supported by the Australian Research Council.

IFAC-PapersOnLine v. 52, 2019: p. 324-329
10.1016/j.ifacol.2019.12.560

Autonomous UAV; Livestock Monitoring; Optimal Deployment; Streaming K-Means Clustering; Wireless Sensor Network

No. 903

Alvarez, Lorenzo; Adcock, Sarah J.J.; Tucker, Cassandra B.

Sensitivity and wound healing after hot-iron disbudding in goat kids

Journal of Dairy Science v. 102, 2019: p. 10152-10162
10.3168/jds.2018-16062

animal welfare; cautery dehorning; mechanical nociceptive threshold; pressure algometry

No. 904

Ponnampalam, E.N.; Kerr, M.G.; Butler, K.L.; Cottrell, J.J.; Dunshea, F.R.; Jacobs, J.L.

Filling the out of season gaps for lamb and hogget production: Diet and genetic influence on carcass yield, carcass composition and retail value of meat

Meat Science v. 148, 2019: p. 156-163
10.1016/j.meatsci.2018.08.027

Camelina supplementation; Carcass yield; Composite lamb; Merino hogget; Retail value of meat; Sheep meat

No. 905

Soar, Jasmeet; Maconochie, Ian; Wyckoff, Myra H.; Olasveengen, Theresa M.; Singletary, Eunice M.; Greif, Robert; Aickin, Richard; Bhanji, Farhan; Donnino, Michael W.; Mancini, Mary E.; Wyllie, Jonathan P.; Zideman, David; Andersen, Lars W.; Atkins, Dianne

2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations

Resuscitation v. 145 , 2019 : p. 95-150

10.1016/j.resuscitation.2019.10.016

AHA Scientific Statements; Airway management; Cardiopulmonary resuscitation; Child; Epinephrine; Extracorporeal circulation; Heart arrest; Infant

No. 907

Vasanthan Ruban, Vasanthakumar; Anbukkarasi, Muniyandi; Anand, Thiraviyam; Thomas, Philip A.; Geraldine, Pitchairaj

Oxidative stress in corneal tissue in experimental keratitis due to *Aspergillus flavus*: Effect of topical voriconazole therapy

Biocatalysis and Agricultural Biotechnology v. 21, 2019: p. 101323

10.1016/j.bcab.2019.101323

Oxidative stress; Cornea; Antioxidants; Keratitis; Voriconazole

No. 909

Ahmadipour, Behnam; Kalantar, Majid; Schreurs, Nicola M.; Raza, Sayed Haidar Abbas; Khan, Rajwali; Khan, Samiullah; Abd El-Aziz, Ayman Hassan; Memon, Sameeullah; Ullah, Irfan; Samira, Abaszadeh

Flavonoid bioactive compounds of hawthorn extract can promote growth, regulate electrocardiogram waves, and improve cardiac parameters of pulmonary hypertensive chickens

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.10.022

chicken; cardiac parameter; electrocardiography; hawthorn; PHS

No. 911

Donadelli, R A; Jones, C K; Beyer, R S

The amino acid composition and protein quality of various egg, poultry meal by-products, and vegetable proteins used in the production of dog and cat diets

Poultry Science v. 98, 2019: p. 1371-1378

10.3382/ps/pey462

pet food; poultry by-products; poultry protein; protein efficiency ratio; vegetable protein

No. 906

El-Halawany, Nermin; El-Werdany, Afaf; El-Sayed, Yasmin A.; Shawky, Abd-El-Monsif A.; Al-Tohamy, Ahmed F.; Abdel-Shafy, Hamdy; Abd-El-Razek, Fathy M.

Characterization of growth hormone gene (GH) in three Egyptian goat breeds

Meta Gene v. 20, 2019: p. 100556

10.1016/j.mgene.2019.100556

Egyptian goat; Growth hormone gene; Nucleotide variants; Sequence analysis

No. 908

Li, X.P.; Tan, Z.L.; Jiao, J.Z.; Long, D.L.; Zhou, C.S.; Yi, K.L.; Liu, C.H.; Kang, J.H.; Wang, M.; Duan, F.H.; Tang, S.X.; He, Z.X.; Han, X.F.

Supplementation with fat-coated rumen-protected glucose during the transition period enhances milk production and influences blood biochemical parameters of liver function and inflammation in dairy cows

Animal Feed Science and Technology v. 252, 2019: p. 92-102

10.1016/j.anifeedsci.2019.04.010

Digestibility; Glucose; Blood metabolites; Transition cow

No. 910

Bos, Jeroen J.; Vinck, Martin; Marchesi, Pietro; Keestra, Amos; van Mourik-Donga, Laura A.; Jackson, Jadin C.; Verschure, Paul F.M.J.; Pennartz, Cyriel M.A.

Multiplexing of Information about Self and Others in Hippocampal Ensembles

Cell Reports v. 29, 2019: p. 3859-3871.e6

10.1016/j.celrep.2019.11.057

social behavior; CA1; decoding; information theory; interneuron; mutual information; place cells; place field; robot; tetrode

No. 912

Hernández-Castellano, Lorenzo E.; Moreno-Indias, Isabel; Sánchez-Macías, Davinia; Morales-de-laNuez, Antonio; Torres, Alexandr; Argüello, Anastasio; Castro, Noemí

Sheep and goats raised in mixed flocks have diverse immune status around parturition

Journal of Dairy Science v. 102, 2019: p. 8478-8485

10.3168/jds.2019-16731

sheep; goat; chitotriosidase; complement system; immunoglobulin

No. 913

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Comparative Immunology, Microbiology and Infectious Diseases v. 63 , 2019 : p. 112-116

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Europe; Autogenous vaccine; Morel's disease; Therapy

No. 914

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Theriogenology v. , 2019: p.

10.1016/j.theriogenology.2019.11.005

Oxidative stress; Ochratoxin A; Epigenetic change; Oocyte development

No. 915

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Theriogenology v. 139, 2019: p. 16-27

10.1016/j.theriogenology.2019.07.021

Semen; Embryo; Ruminant; Nutrition; Male sexual function

No. 916

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Effects of nitrogen source on the performance and feeding behavior of lambs fed a high concentrate diet containing pomegranate peel

Small Ruminant Research v. 173, 2019: p. 9-16

10.1016/j.smallrumres.2019.02.004

Behavior; Digestibility; Dietary protein; Growth performance; Fattening lambs; Pomegranate peel

No. 917

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Algal Research v. 38, 2019: p. 101385

10.1016/j.algal.2018.101385

Rumen; Microalgae; Nutritional value; Photoautotrophic growth

No. 918

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Preventive Veterinary Medicine v. 170, 2019: p. 104726

10.1016/j.prevetmed.2019.104726

Epidemiology; Clade 8; EHEC; Transmission; VTEC O157

No. 919

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Animal DNA; DNA database; STR analysis

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Journal of Thermal Biology v. 82, 2019: p. 99-106

10.1016/j.jtherbio.2019.03.017

Heat stress; Hsf; Hsp70; Temperature humidity index; Thermal imaging

No. 921

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The influence of environmental enrichment and stocking density on the plumage and health conditions of laying hen pullets

Poultry Science v. 98 , 2019 : p. 2474-2488

10.3382/ps/pez024

environmental enrichment; plumage condition; pullet; rearing period; stocking density

No. 923

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Ecotoxicology and Environmental Safety v. 170, 2019: p. 306-313

10.1016/j.ecoenv.2018.11.112

Fishmeal; Global; Animal feeds; Novel brominated flame retardants

No. 925

Cheng, Qiang; Xia, Yi; Yi, Dan; Hou, Yongqing; Duan, Rui; Guo, Shuangshuang; Ding, Binying

The Intestinal Cinnamaldehyde Release and Antioxidative Capacity of Broiler Chickens Fed Diets Supplemented with Coated Oleum Cinnamomi

Journal of Applied Poultry Research v. 28, 2019: p. 1058-1068

10.3382/japr/pfz068

broiler chicken; antioxidative capacity; cinnamaldehyde; coated

No. 927

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Comparison of the rumen bacterial community, rumen fermentation and growth performance of fattening lambs fed low-grain, pelleted or non-pelleted high grain total mixed ration

Animal Feed Science and Technology v. 253, 2019: p. 1-12

10.1016/j.anifeedsci.2019.05.001

16S rRNA; High-grain diet; Pelleted feed; Pentose phosphate pathway; Simple sugars fermenters

No. 922

Mehta, Bina K.; Banerjee, Sugato

Minocycline reverses diabetes-associated cognitive impairment in rats

Pharmacological Reports v. 71, 2019: p. 713-720

10.1016/j.pharep.2019.03.012

Cognition; Type 2 diabetes; Learning and memory; Neuroinflammation

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Young adults' motivations to feed wild birds and influences on their potential participation in citizen science: An exploratory study

Biological Conservation v. 235, 2019: p. 295-307

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Conservation; Barriers; Diversity; Motivations; Public participation in scientific research; Wild bird feeding

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Neurobiology of Disease v. 132, 2019: p. 104539

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CRISPR/Cas9; Cerebellum; Intellectual disability syndrome; TAF1; X-linked disorder

No. 928

Argov-Argaman, Nurit

Symposium review: Milk fat globule size: Practical implications and metabolic regulation

Journal of Dairy Science v. 102, 2019: p. 2783-2795

10.3168/jds.2018-15240

lipid droplet; membrane; milk fat globule; mitochondria; phosphatidylethanolamine

No. 929

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European Journal of Obstetrics & Gynecology and Reproductive Biology v. , 2019 : p.

10.1016/j.ejogrb.2019.12.034

pomegranate; punica granatum; Surgical Adhesion

No. 931

Stanisz, Marek; Skorupski, Maciej; Ślósarz, Piotr; Bykowska-Maciejewska, Marta; Składanowska-Baryza, Joanna; Stańczak, Łukasz; Krokowska-Paluszak, Małgorzata; Ludwiczak, Agnieszka

The seasonal variation in the quality of venison from wild fallow deer (*Dama dama*) – A pilot study

Meat Science v. 150, 2019: p. 56-64

10.1016/j.meatsci.2018.12.003

Effect of season; Vacuum packaging; Venison quality; Wild fallow deer

No. 933

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Livestock Management in Red-Billed Cough Feeding Habitat in Great Britain and the Isle of Man

Rangeland Ecology & Management v. , 2019: p.

10.1016/j.rama.2019.10.009

anthelmintic; triclabendazole; acaricide; coleoptera; diptera; synthetic pyrethroids

No. 935

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Poultry Science v. 98, 2019: p. 3811-3817

10.3382/ps/pez090

broilers; cellulose; microbiota

No. 930

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Aquaculture v. 502, 2019: p. 365-370

10.1016/j.aquaculture.2018.12.074

Oxidative stress; Disease pathogenesis; Adenosine triphosphate; ATP-dependent enzymes

No. 932

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Environment International v. 133, 2019: p. 105152

10.1016/j.envint.2019.105152

Chernobyl; Environmental risk assessment; External exposure; Model verification; Radiation dose; Wolves

No. 934

Mousavi-Hasanzadeh, Morteza; Rezaeian-Varmaziar, Hesamodin; Shafaat, Omid; Jand, Aboulfazl; Palizvan, Mohammad Reza

The effect of co-administration of pentylenetetrazole with pilocarpine: New modified PTZ models of kindling and seizure

Pharmacology Biochemistry and Behavior v. 182, 2019: p. 7-11

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Seizure; Kindling; Pentylenetetrazole; Phenytoin; Pilocarpine; Sodium valproate

No. 936

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Climate Risk Management v. 23, 2019: p. 50-66

10.1016/j.crm.2018.09.002

Social science; Adaptation; Vulnerability; Actionable science; Ecological drought; Social-ecological systems

No. 937

Chaiban, Celia; Biscio, Christophe; Thanapongtharm, Weerapong; Tildesley, Michael; Xiao, Xiangming; Robinson, Timothy P.; Vanwambeke, Sophie O.; Gilbert, Marius

Point pattern simulation modelling of extensive and intensive chicken farming in Thailand: Accounting for clustering and landscape characteristics

Agricultural Systems v. 173 , 2019 : p. 335-344

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Agricultural intensification; Farm distribution model; Livestock production systems; Point pattern analysis

No. 939

Danduga, Ravi Chandra Sekhara Reddy; Dondapati, Subba Reddy; Kola, Phani Kumar; Kavati, Sanith Satya Has; Singapalli, Meenakshi Seshadri

Combination effect of Aspirin and N-acetylcysteine against global cerebral ischemic reperfusion injury in rats

Neurology, Psychiatry and Brain Research v. 33, 2019: p. 101-111

10.1016/j.npbr.2019.07.006

Histopathology; Oxidative stress; Aspirin; Global cerebral ischemia; N-acetylcysteine; Proinflammatory cytokines

No. 941

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Comparing regression, naive Bayes, and random forest methods in the prediction of individual survival to second lactation in Holstein cattle

Journal of Dairy Science v. 102, 2019: p. 9409-9421

10.3168/jds.2019-16295

machine learning; naive Bayes; phenotypic prediction; random forest; regression

No. 943

Moussa, H.O.; Keambou, T.C.; Hima, K.; Issa, S.; Motsa'a, S.J.; Bakasso, Y.

Indigenous Chicken production in Niger

Veterinary and Animal Science v. 7, 2019: p. 100040

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Local chicken; Breeding; Diversity; Characterization; Niger

No. 938

de Oliveira, Daiana; Keeling, Linda Jane; Paranhos da Costa, Mateus José Rodrigues

Individual variation over time in piglet's reactions to early handling and its association to weight gain

Applied Animal Behaviour Science v. 215, 2019: p. 7-12

10.1016/j.applanim.2019.04.005

Performance; Behaviour; Pigs; Developmental plasticity; Ontogeny; Tactile stimulation

No. 940

Singhal, Tinku; Mujeeb, Mohd.; Ahad, Abdul; Aqil, Mohd.; Rahman, Syed Obaidur; Najmi, Abul Kalam; Siddiqui, Waseem Ahmad

Preparation, optimization and biological evaluation of gymnemic acid loaded niosomes against streptozotocin-nicotinamide induced diabetic-nephropathy in Wistar rats

Journal of Drug Delivery Science and Technology v. 54, 2019: p. 101328

10.1016/j.jddst.2019.101328

Oxidative stress; Streptozotocin; Diabetic nephropathy; Gymnemic acid; Hyperglycemia; Niosomes

No. 942

Macedo, G.G.; Mingoti, R.D.; Batista, E.O.S.; Monteiro, B.M.; Vieira, L.M.; Barletta, R.V.; Wiltbank, M.C.; Nogueira, G.P.; Rennó, F.P.; Maio, J.R.; Baruselli, P.S.

Profile of LH release in response to intramuscular treatment with kisspeptin in Bos indicus and Bos taurus prepubertal heifers

Theriogenology v. 125, 2019: p. 64-70

10.1016/j.theriogenology.2018.10.011

Kiss1; Kiss1r; kisspeptin; LH release

No. 944

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Journal of Dairy Science v. 102, 2019: p. 4506-4521

10.3168/jds.2018-15368

bovine; stress; immune

No. 945

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Infrared thermography of agonistic behaviour in pigs

Physiology & Behavior v. 210 , 2019 : p. 112637

10.1016/j.physbeh.2019.112637

Pig; Physiology; Aggression; Contest; Emotion; Thermography

No. 946

Gonçalves-Santos, Elda; Vilas-Boas, Diego F.; Diniz, Livia F.; Veloso, Marcia P.; Mazzeti, Ana L.; Rodrigues, Maria R.; Oliveira, Carla M.; Fernandes, Victor Hugo C.; Novaes, Rômulo D.; Chagas-Paula, Daniela A.; Caldas, Ivo S.

Sesquiterpene lactone potentiates the immunomodulatory, antiparasitic and cardioprotective effects on anti-Trypanosoma cruzi specific chemotherapy

International Immunopharmacology v. 77, 2019: p. 105961

10.1016/j.intimp.2019.105961

Benznidazole; Chagas's disease; Infectious myocarditis; Sesquiterpene lactone; Tagitinin C

No. 947

Luján, José Luis; Todt, Oliver

Standards of evidence and causality in regulatory science: Risk and benefit assessment

Studies in History and Philosophy of Science Part A v. , 2019: p.

10.1016/j.shpsa.2019.05.005

Risk assessment; Benefit assessment; Causality; Regulatory science; Standards of evidence

No. 948

Holmes, Matthew

Imitating nature: Analogy and experiment in D'Arcy Thompson's Science of Form

Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences v. 78, 2019: p. 101181

10.1016/j.shpsc.2019.101181

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A high methyl donor diet affects physiology and behavior in Peromyscus polionotus

Physiology & Behavior v. 209, 2019: p. 112615

10.1016/j.physbeh.2019.112615

Social behavior; Folic acid; Anxiety-like behavior; Methyl-donor pathway; Repetitive behavior

No. 950

Mostafavi, Hossein; Ghassemifard, Leila; Rostami, Ali; Alipour, Mohsen; Nadri, Samad

Trabecular meshwork mesenchymal stem cell transplantation improve motor symptoms of parkinsonian rat model

Biologicals v. 61, 2019: p. 61-67

10.1016/j.biologicals.2019.06.006

Parkinson's disease; Stem cell transplantation; Trabecular meshwork mesenchymal stem cells; Tyrosine hydroxylase

No. 951

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Development of a microwave stunning system for cattle 2: Preliminary observations on behavioural responses and EEG

Research in Veterinary Science v. 122, 2019: p. 72-80

10.1016/j.rvsc.2018.11.010

Cattle; Animal welfare; Consciousness; DTS; Electromagnetic stun; Humane slaughter

No. 952

Anbukkarasi, Muniyandi; Sundararajan, Mahalingam; Venkadeswaran, Karuppasamy; Ruban, Vasanthakumar Vasantha; Anand, Thiraviyam; Geraldine, Pitchairaj

Antihypercholesterolemic, antioxidative and anti-inflammatory potential of an extract of the plant Tabernaemontana divaricata in experimental rats fed an atherogenic diet

Biocatalysis and Agricultural Biotechnology v. 19, 2019: p. 101115

10.1016/j.bcab.2019.101115

Oxidative stress; Atherosclerosis; Antioxidant potential; Hypercholesterolemia; Inflammatory markers

No. 953

Tsuruta, S.; Lourenco, D.A.L.; Masuda, Y.; Misztal, I.; Lawlor, T.J.

Controlling bias in genomic breeding values for young genotyped bulls

Journal of Dairy Science v. 102, 2019 : p. 9956-9970

10.3168/jds.2019-16789

genomic prediction; unknown parent group; US Holstein

No. 954

Meyer, M M; Johnson, A K; Bobeck, E A

A novel environmental enrichment device improved broiler performance without sacrificing bird physiological or environmental quality measures

Poultry Science v. 98, 2019: p. 5247-5256

10.3382/ps/pez417

broiler; sustainability; welfare; performance; environmental enrichment

No. 955

Romero, Teresa; Konno, Akitsugu; Nagasawa, Miho; Hasegawa, Toshikazu

Oxytocin modulates responses to inequity in dogs

Physiology & Behavior v. 201, 2019: p. 104-110

10.1016/j.physbeh.2018.12.023

Oxytocin; Affiliation; Decision latency; Domestic dogs; Inequity aversion

No. 956

Gotuzzo, Ariane Gonçalves; Piles, Miriam; Della-Flora, Raquel Pillon; Germano, Jerusa Martins; Reis, Janaina Scaglioni; Tyska, Darilene Ursula; Dionello, Nelson José Laurino

Bayesian hierarchical model for comparison of different nonlinear function and genetic parameter estimates of meat quails

Poultry Science v. 98, 2019: p. 1601-1609

10.3382/ps/pey548

Gibbs sampling; Bayesian; growth curve; meat quail

No. 957

Balakrishnan, Brindha Banu; Krishnasamy, Kalaivani; Mayakrishnan, Vijayakumar; Selvaraj, Arokiyaraj

Moringa concanensis Nimmo extracts ameliorates hyperglycemia-mediated oxidative stress and upregulates PPAR γ and GLUT4 gene expression in liver and pancreas of streptozotocin-nicotinamide induced diabetic rats

Biomedicine & Pharmacotherapy v. 112, 2019: p. 108688

10.1016/j.biopha.2019.108688

Diabetes; GLUT4; Hyperglycemia; Hepatic cells; Nimmo; PPAR γ

No. 958

Bastos, Aline Cândida; Magalhães, Giselle Santos; Gregório, Juliana Fabiana; Matos, Natália Alves; Motta-Santos, Daisy; Bezerra, Frank Silva; Santos, Robson Augusto Souza; Campagnole Santos, Maria José; Rodrigues-Machado, Maria Glória

Oral formulation angiotensin-(1-7) therapy attenuates pulmonary and systemic damage in mice with emphysema induced by elastase

Immunobiology v. , 2019: p. 151893

10.1016/j.imbio.2019.12.002

COPD; MAS receptor; Murine model; Pulmonary remodeling; Renin-angiotensin system

No. 959

Lima, P.R.; Apdini, T.; Freire, A.S.; Santana, A.S.; Moura, L.M.L.; Nascimento, J.C.S.; Rodrigues, R.T.S.; Dijkstra, J.; Garcez Neto, A.F.; Queiroz, M.A.Á.; Menezes, D.R.

Dietary supplementation with tannin and soybean oil on intake, digestibility, feeding behavior, ruminal protozoa and methane emission in sheep

Animal Feed Science and Technology v. 249, 2019: p. 10-17

10.1016/j.anifeedsci.2019.01.017

Sheep; Fibre digestibility; Feeding behavior; Methane mitigation; Soybean oil; Tannins

No. 960

Yang, Yurong; Dong, Hui; Su, Ruijing; Li, Tongyi; Jiang, Nan; Su, Chunlei; Zhang, Longxian

Evidence of red panda as an intermediate host of Toxoplasma gondii and Sarcocystis species

International Journal for Parasitology: Parasites and Wildlife v. 8, 2019: p. 188-191

10.1016/j.ijppaw.2019.02.006

Virulence; Genotype; China; Isolation; Red panda ()

No. 961

Gunther, M.J.; Heller, J.; Hayes, L.; Hernandez-Jover, M.

Dairy goat producers' understanding, knowledge and attitudes towards biosecurity and Q-fever in Australia

Preventive Veterinary Medicine v. 170 , 2019 : p. 104742

10.1016/j.prevetmed.2019.104742

Australia; Biosecurity; Dairy goats; Q-Fever

No. 962

Křivan, Vlastimil; Revilla, Tomás A.

Plant coexistence mediated by adaptive foraging preferences of exploiters or mutualists

Journal of Theoretical Biology v. 480, 2019: p. 112-128

10.1016/j.jtbi.2019.08.003

Behaviorally-mediated interactions; Competition for preference; Differential inclusion; Generalized isocline; Sliding and repelling regimes; Switching

No. 963

Mesripour, Azadeh; Kadivar, Masoud; Hajhashemi, Valiollah

Monosodium glutamate influences depressive behavior of two age groups of mice in forced swimming test: Vitamin B6 could remedy the situation

Personalized Medicine in Psychiatry v. , 2019: p. 28-32

10.1016/j.pmip.2019.05.002

Depression; Forced swimming test; Monosodium glutamate; Vitamin B6

No. 964

Bjørnvad, C.R.; Gloor, S.; Johansen, S.S.; Sandøe, P.; Lund, T.B.

Neutering increases the risk of obesity in male dogs but not in bitches — A cross-sectional study of dog- and owner-related risk factors for obesity in Danish companion dogs

Preventive Veterinary Medicine v. 170, 2019: p. 104730

10.1016/j.prevetmed.2019.104730

Canine; Body condition score; Lexington Attachment to Pets Scale; Overweight

No. 965

Pérez-Lloréns, José Lucas

Cooking-Science-Communication (CSC): The ideal trident to enjoy the dining experience

International Journal of Gastronomy and Food Science v. 16, 2019: p. 100134

10.1016/j.ijgfs.2019.100134

Aponiente; Bioluminescence; Plankton; Science-based cooking

No. 966

Shen, Chunyan; Tong, Xian; Chen, Ruonan; Gao, Siyuan; Liu, Xinpeng; Schinckel, Allan P.; Li, Yuan; Xu, Feilong; Zhou, Bo

Identifying blood-based biomarkers associated with aggression in weaned pigs after mixing

Applied Animal Behaviour Science v. , 2019: p. 104927

10.1016/j.applanim.2019.104927

Pig; Aggressive behavior; Blood-based biomarkers; Canonical correlation analysis; Skin lesion

No. 967

Hawksworth, Dorota J.; Burnett, Arthur L.

Nonalcoholic Fatty Liver Disease, Male Sexual Dysfunction, and Infertility: Common Links, Common Problems

Sexual Medicine Reviews v. , 2019: p.

10.1016/j.sxmr.2019.01.002

Infertility; Erectile Dysfunction; Hypogonadism; Metabolic Syndrome; Nonalcoholic Fatty Liver Disease

No. 968

Godar, Sean C.; Mosher, Laura J.; Scheggi, Simona; Devoto, Paola; Moench, Kelly M.; Strathman, Hunter J.; Jones, Cori M.; Frau, Roberto; Melis, Miriam; Gambarana, Carla; Wilkinson, Brent; DeMontis, M. Graziella; Fowler, Stephen C.; Coba, Marcelo P.; Wellm

Gene-environment interactions in antisocial behavior are mediated by early-life 5-HT_{2A} receptor activation

Neuropharmacology v. 159, 2019: p. 107513

10.1016/j.neuropharm.2019.01.028

Animal models; Serotonin; Aggression; Antisocial behavior; Gene-environment interactions

No. 969

Alzoubi, Karem H.; Halboup, Abdulsalam M.; Alomari, Mahmoud A.; Khabour, Omar F.

Swimming exercise protective effect on waterpipe tobacco smoking-induced impairment of memory and oxidative stress

Life Sciences v. 239 , 2019 : p. 117076
10.1016/j.lfs.2019.117076

Hippocampus; Memory; Forced swimming exercise; Maze; Waterpipe

No. 971

Cordeiro, M.A.; Souza, E.L.S.; Arantes, R.M.E.; Balthazar, C.F.; Guimarães, J.T.; Scudino, H.; Silva, H.L.A.; Rocha, R.S.; Freitas, M.Q.; Esmerino, E.A.; Silva, M.C.; Pimentel, T.C.; Granato, D.; Costa, R.G.B.; Cruz, A.G.; Martins, F.S.

Fermented whey dairy beverage offers protection against Salmonella enterica ssp. enterica serovar Typhimurium infection in mice

Journal of Dairy Science v. 102, 2019: p. 6756-6765
10.3168/jds.2019-16340

probiotic; lactic acid bacteria; Typhimurium infection; whey beverage

No. 973

Hai-lan, Chen; Hong-lian, Tan; Jian, Yang; Manling, Song; Heyu, Feng; Na, Kuang; Wen Yue, Hu; Si-yu, Chen; Ying-yi, Wei; Ting-jun, Hu

Inhibitory effect of polysaccharide of Sargassum weizhouense on PCV2 induced inflammation in mice by suppressing histone acetylation

Biomedicine & Pharmacotherapy v. 112, 2019: p. 108741
10.1016/j.biopha.2019.108741

Inflammation; Histone acetylation; Polysaccharide; Porcine circovirus type 2

No. 975

He, Ya-Ting; Wang, Wei; Shen, Wei; Sun, Qing-Yuan; Yin, Shen

Melatonin protects against Fenoxaprop-ethyl exposure-induced meiotic defects in mouse oocytes

Toxicology v. 425, 2019: p. 152241
10.1016/j.tox.2019.152241

Oocyte; Melatonin; Meiosis; Fenoxaprop-ethyl

No. 970

Lhermie, Guillaume; Wernli, Didier; Jørgensen, Peter Søggaard; Kenkel, Donald; Lin Lawell, C.-Y. Cynthia; Tauer, Loren William; Gröhn, Yrjo Tapio

Tradeoffs between resistance to antimicrobials in public health and their use in agriculture: Moving towards sustainability assessment

Ecological Economics v. 166, 2019: p. 106427
10.1016/j.ecolecon.2019.106427

Agriculture; Antimicrobial use; Antimicrobial resistance; Indicators; Social-ecological system; Sustainability assessment

No. 972

Jaydari, Amin; Forouharmehr, Ali; Nazifi, Narges

Determination of immunodominant scaffolds of Com1 and OmpH antigens of Coxiella burnetii

Microbial Pathogenesis v. 126, 2019: p. 298-309
10.1016/j.micpath.2018.11.012

Q fever; bioinformatics; Epitope

No. 974

Obinna, Victoria C.; Kagbo, Hope D.; Agu, Gabriel O.

Lipophilic and hydrophilic leaf extracts of Portulaca oleracea (Purslane) disrupts female sex hormones in albino rats (Rattus norvegicus)

Journal of Traditional and Complementary Medicine v. , 2019: p.
10.1016/j.jtcme.2019.06.004

Ovary; Female sex hormones; Oestrous cycle; Uterus

No. 976

Gil, Mario; Torres-Reveron, Annelyn; Ramirez, Ana C.; Maldonado, Oscar; VandeBerg, John L.; de Erasquin, Gabriel A.

Influence of biological sex on social behavior, individual recognition, and non-associative learning in the adult gray short-tailed opossum (Monodelphis domestica)

Physiology & Behavior v. 211, 2019: p. 112659
10.1016/j.physbeh.2019.112659

Learning; Animal models; Aggression; Social dominance; Social memory; Social subordination

No. 977

Cordone, Valeria; Pecorelli, Alessandra; Amicarelli, Fernanda; Hayek, Joussef; Valacchi, Giuseppe

The complexity of Rett syndrome models: Primary fibroblasts as a disease-in-a-dish reliable approach

Drug Discovery Today: Disease Models v. , 2019 : p.
10.1016/j.ddmod.2019.11.001

No. 979

Krieger, Stefanie; Oczak, Maciej; Lidauer, Laura; Berger, Alexandra; Kicking, Florian; Öhlschuster, Manfred; Auer, Wolfgang; Drillich, Marc; Iwersen, Michael

An ear-attached accelerometer as an on-farm device to predict the onset of calving in dairy cows

Biosystems Engineering v. 184, 2019: p. 190-199
10.1016/j.biosystemseng.2019.06.011

Monitoring; Cattle; Parturition; Accelerometer

No. 981

Zandi, Mohammad; Dehghan, Arash; Talimkhani, Ideh; Rezaeian, Leila; Mohammad Gholi Mezerji, Naser

Histological evaluation of the healing process of autografted mandibular bone defects in rats under treatment with zoledronate

Journal of Cranio-Maxillofacial Surgery v. 47, 2019: p. 1779-1786
10.1016/j.jcms.2019.08.003

Animal study; Bisphosphonate; Bone graft; Healing; Mandible

No. 983

Baena, Marielle Moura; Costa, Adriano Carvalho; Vieira, Gabriela Rodrigues; Rocha, Renata de Fátima Bretanha; Ribeiro, Andrea Roberto Bueno; Ibelli, Adriana Mércia Guaratini; Meirelles, Sarah Laguna Conceição

Heat tolerance responses in a Bos taurus cattle herd raised in a Brazilian climate

Journal of Thermal Biology v. 81, 2019: p. 162-169
10.1016/j.jtherbio.2019.02.017

Adaptability; Taurine cattle; Thermoregulation; Tropical

No. 978

Sariyer, Ilker Kudret; Gordon, Jennifer; Burdo, Tricia H.; Wollebo, Hassen S.; Gianti, Eleonora; Donadoni, Martina; Bellizzi, Anna; Cicalese, Stephanie; Loomis, Regina; Robinson, Jake A.; Carnevale, Vincenzo; Steiner, Joseph; Ozdener, Mehmet H.; Miller, A

Suppression of Zika Virus Infection in the Brain by the Antiretroviral Drug Rilpivirine

Molecular Therapy v. 27, 2019: p. 2067-2079
10.1016/j.ymthe.2019.10.006

animal model; astrocytes; NS5; rilpivirine; Zika virus

No. 980

Al-Souti, Ahmed; Gallardo, Wenresti; Claereboudt, Michel; Mahgoub, Osman

Attractability and palatability of formulated diets incorporated with chicken feather and algal meals for juvenile gilthead seabream, Sparus aurata

Aquaculture Reports v. 14, 2019: p. 100199
10.1016/j.aqrep.2019.100199

Palatability; Algal meal; Attractability; Feeding effectors; Rendered animal proteins

No. 982

Shen, Dan; Wu, Sheng; Li, Zhaojian; Tang, Qian; Dai, Pengyuan; Li, Yansen; Li, Chunmei

Distribution and physicochemical properties of particulate matter in swine confinement barns

Environmental Pollution v. 250, 2019: p. 746-753
10.1016/j.envpol.2019.04.086

Ammonia; Particulate matter; Physicochemical property; Swine confinement barn

No. 984

Lederman, Zohar; Leskes, Hana; Brosh-Nissimov, Tal

One Health and Streptococcus Canis in the Emergency Department: A Case of Cellulitis and Bacteremia in an Immunocompromised Patient Treated With Etanercept

The Journal of Emergency Medicine v. , 2019: p.
10.1016/j.jemermed.2019.10.019

One Health; cellulitis; immunosuppression

No. 985

Stemmet, Gideon P.; Meyer, Leith CR.; Bruns, Angela; Buss, Peter; Zimmerman, David; Koeppel, Katja; Zeiler, Gareth E.

Compared to etorphine–azaperone, the ketamine–butorphanol–medetomidine combination is also effective at immobilizing zebra (*Equus zebra*)

Veterinary Anaesthesia and Analgesia v. 46 , 2019 : p. 466-475
10.1016/j.vaa.2019.01.008

butorphanol; immobilisation; ketamine; medetomidine; zebra

No. 987

Mohsen, Mohamed; Wang, Qing; Zhang, Libin; Sun, Lina; Lin, Chenggang; Yang, Hongsheng

Microplastic ingestion by the farmed sea cucumber *Apostichopus japonicus* in China

Environmental Pollution v. 245, 2019: p. 1071-1078
10.1016/j.envpol.2018.11.083

Coelomic fluid; Deposit feeder; Microplastics ingestion; Sea cucumber; Sediment

No. 989

Li, Falei; Su, Jiayuan; Chahan, Bayin; Guo, Qingyong; Wang, Tao; Yu, Zhengjie; Guo, Yaqiong; Li, Na; Feng, Yaoyu; Xiao, Lihua

Different distribution of *Cryptosporidium* species between horses and donkeys

Infection, Genetics and Evolution v. 75, 2019: p. 103954
10.1016/j.meegid.2019.103954

Horse; spp.; Donkey; China; Molecular epidemiology; Subtype

No. 991

Xing, Si-Cheng; Huang, Chun-Bo; Mi, Jian-Dui; Wu, Yin-Bao; Liao, Xin-Di
Bacillus coagulans R11 maintained intestinal villus health and decreased intestinal injury in lead-exposed mice by regulating the intestinal microbiota and influenced the function of faecal microRNAs

Environmental Pollution v. 255, 2019: p. 113139
10.1016/j.envpol.2019.113139

Intestinal villus; Lead; Microbiota structure; microRNA; R11

No. 986

Ommati, Mohammad Mehdi; Farshad, Omid; Niknahad, Hossein; Arabnezhad, Mohammad Reza; Azarpira, Negar; Mohammadi, Hamid Reza; Haghnegahdar, Maral; Mousavi, Khadijeh; Akrami, Shiva; Jamshidzadeh, Akram; Heidari, Reza

Cholestasis-associated reproductive toxicity in male and female rats: The fundamental role of mitochondrial impairment and oxidative stress

Toxicology Letters v. 316, 2019: p. 60-72
10.1016/j.toxlet.2019.09.009

Infertility; Energy crisis; Hydrophobic bile acids; Reproductive toxicity

No. 988

Lopreiato, V.; Minuti, A.; Trimboli, F.; Britti, D.; Morittu, V.M.; Cappelli, F. Piccioli; Loor, J.J.; Trevisi, E.

Immunometabolic status and productive performance differences between periparturient Simmental and Holstein dairy cows in response to pegbovigrastim

Journal of Dairy Science v. 102, 2019: p. 9312-9327
10.3168/jds.2019-16323

transition period; immunometabolism; pegbovigrastim; Simmental

No. 990

Harding, Sandra

State of the field: Latin American decolonial philosophies of science

Studies in History and Philosophy of Science Part A v. 78, 2019: p. 48-63
10.1016/j.shpsa.2018.10.001

Decolonialism; Feminisms; History of science; Latin America; Modernity; Philosophy of science; Positivism

No. 992

Falk-Andersson, Jannike; Berkhout, Boris Woody; Abate, Tenaw Gedefaw

Citizen science for better management: Lessons learned from three Norwegian beach litter data sets

Marine Pollution Bulletin v. 138, 2019: p. 364-375
10.1016/j.marpolbul.2018.11.021

Citizen science; Norway; Beach litter; Marine plastic pollution; OSPAR

No. 993

Mao, Mingjie; Li, Shuming; Zong, Manman; Qiu, Lili; Yang, Jiaojiao; Xia, Jiangyan; Yang, Jianjun; Ji, Muhuo

Two-hit model of postintensive care syndrome induced by lipopolysaccharide challenge and subsequent chronic unpredictable stress in mice

International Immunopharmacology v. 70 , 2019 : p. 446-458
10.1016/j.intimp.2019.03.012

Stressor; Animal model; Sepsis; Behavioral outcomes; Fluoxetine

No. 994

El-Naggar, Hussein A.; Khalaf Allah, Hassan M.M.; Masood, Mostafa F.; Shaban, Walaa M.; Bashar, Mansour A.E.

Food and feeding habits of some Nile River fish and their relationship to the availability of natural food resources

The Egyptian Journal of Aquatic Research v. 45, 2019: p. 273-280

10.1016/j.ejar.2019.08.004

Plankton; Benthos; El-Qanater Al-Khairia; Feeding habits; Nile Fish

No. 995

Pasquetti, Mayara Vendramin; Meier, Letícia; Marafiga, Joseane Righes; Barbieri Caus, Letícia; Tort, Adriano Bretanha Lopes; Calcagnotto, Maria Elisa

Hippocampal CA1 and cortical interictal oscillations in the pilocarpine model of epilepsy

Brain Research v. 1722, 2019: p. 146351

10.1016/j.brainres.2019.146351

Interictal oscillations; Neuronal oscillations; Phase coherence; Phase-amplitude coupling; Spectral power; Temporal lobe epilepsy

No. 996

Caunce, Serena L.; Dadarwal, Dinesh; Adams, Gregg P.; Brar, Parkash; Singh, Jaswant

An objective volumetric method for assessment of ovarian follicular and luteal vascular flow using colour Doppler ultrasonography

Theriogenology v. 138, 2019: p. 66-76

10.1016/j.theriogenology.2019.06.039

Follicle; Water buffalo; Corpus luteum; Color Doppler ultrasonography; Three-dimensional volumetric analysis; Vascularity

No. 997

Díaz, José Manuel; Prieto, Alberto; López-Lorenzo, Gonzalo; López-Novo, Cynthia; Iglesias, Antonio; Díaz, Pablo; Panadero, Rosario; Moral, Javier; López, Ceferino; Díez-Baños, Pablo; Morrondo, Patrocínio; Fernández, Gonzalo

Monitoring of the shedding and serological dynamics of Bovine gammaherpesvirus type 4 in a dairy cattle herd

Veterinary Microbiology v. 239, 2019: p. 108495

10.1016/j.vetmic.2019.108495

PCR; Serology; Cattle; BoHV-4; Heifers

No. 998

Chen, Yi-Hsun; Chiu, Chien-Chao; Hung, Shao-Wen; Huang, Wen-Ching; Lee, Yen-Peng; Liu, Ju-Yun; Huang, Yen-Te; Chen, Ter-Hsin; Chuang, Hsiao-Li

Gnotobiotic mice inoculated with Firmicutes, but not Bacteroidetes, deteriorate nonalcoholic fatty liver disease severity by modulating hepatic lipid metabolism

Nutrition Research v. 69, 2019: p. 20-29

10.1016/j.nutres.2019.07.001

Hepatic steatosis; High-fat diet; Bacteroidetes; Firmicutes; Gnotobiotic mouse

No. 999

Rae, Marcia; Miró, Alexandre; Hall, Jeanette; O'Brien, Katie; O'Brien, David

Evaluating the validity of a simple citizen science index for assessing the ecological status of urban drainage ponds

Ecological Indicators v. 98, 2019: p. 1-8

10.1016/j.ecolind.2018.10.053

Community-based monitoring; Ecosystem services; Environmental democratization; Freshwater; Green infrastructure; OPAL Pond Health Score; Storm-water ponds; Sustainable Drainage Systems

No. 1000

Bai, Xue; Wang, Jianping; Ding, Xuemei; Bai, Shiping; Zeng, Qiufeng; Xuan, Yue; Su, Zhuowei; Zhang, Keying

Proteomic alteration of albumen by dietary vanadium in commercial egg-type layers

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.10.056

albumen; quantitative proteomic; vanadium

No. 1001

Sirdar, Mohamed M.; Fosgate, Geoffrey T.; Blignaut, Belinda; Gummow, Bruce; Shileyi, Bernard; Lazarus, David D.; Mutowembwa, P.; van der Merwe, Danica; Heath, Livio

A novel method for performing antigenic vaccine matching for foot-and-mouth disease in absence of the homologous virus

Vaccine v. 37 , 2019 : p. 5025-5034

10.1016/j.vaccine.2019.07.002

FMD; R-value; Southern African Territories (SAT); Vaccine matching; VNT

No. 1003

Pérez-Andrés, Juan M.; Álvarez, Carlos; Cullen, P.J.; Tiwari, Brijesh K.

Effect of cold plasma on the techno-functional properties of animal protein food ingredients

Innovative Food Science & Emerging Technologies v. 58, 2019: p. 102205

10.1016/j.ifset.2019.102205

Cold atmospheric plasma; Emulsifying; Food proteins; Functional properties; Rheological properties; Solubility

No. 1005

Valadez-Noriega, M.; Mendez-Gomez-Humarán, M.C.; Rayas-Amor, A.A.; Sosa-Ferreira, C.F.; Galindo, F.; Miranda-de la Lama, G.C.

Effects of greenhouse roofs on thermal comfort, behaviour, health, and finishing performance of commercial Zebu steers in cold-arid environments

Journal of Veterinary Behavior v. , 2019: p.

10.1016/j.jveb.2019.10.012

Performance; Behaviour; Health; Greenhouse-roofs; Thermal comfort; Zebu steers

No. 1007

Moura, Ana Beatriz Bossois; Brandão, Felipe Zandonadi; Esteves, Sérgio Novita; Nunes de Souza, Guilherme; Fonseca, Jeferson Ferreira da; Pantoja, Messy Hanneer Andrade; Romanello, Narian; Botta, Daniela; Giro, Alessandro; Garcia, Alexandre Rossetto

Differences in the thermal sensitivity and seminal quality of distinct ovine genotypes raised in tropical conditions

Theriogenology v. 123, 2019: p. 123-131

10.1016/j.theriogenology.2018.09.037

Semen; Infrared thermography; Testicular thermoregulation

No. 1002

Ball, J.J.; Kegley, E.B.; Sarchet, J.; Powell, J.G.

Comparison of treatment protocols for bovine respiratory disease in high-risk, newly received beef calves

Applied Animal Science v. 35, 2019: p. 278-283

10.15232/aas.2018-01836

beef cattle; bovine respiratory disease; morbidity; tilmicosin; tulathromycin

No. 1004

Amidon, Gregory E.; Anderson, Bradley D.; Balthasar, Joseph P.; Bergstrom, Christel A.S.; Huang, Shiew-Mei; Kasting, Gerald; Kesisoglou, Filippas; Khinast, Johannes G.; Mager, Donald E.; Roberts, Christopher J.; Yu, Lian

Fifty-Eight Years and Counting: High-Impact Publishing in Computational Pharmaceutical Sciences and Mechanism-Based Modeling

Journal of Pharmaceutical Sciences v. 108, 2019: p. 2-7

10.1016/j.xphs.2018.11.002

absorption, distribution, metabolism, and excretion (ADME); biophysical model(s); mathematical model(s); mechanistic modeling; model(s); modeling; molecular modeling; pharmacokinetic-pharmacodynamic (PKPD) modeling; physiologically based

No. 1006

Kang, Ruifen; Li, Ruonan; Dai, Pengyuan; Li, Zhaojian; Li, Yansen; Li, Chunmei

Deoxynivalenol induced apoptosis and inflammation of IPEC-J2 cells by promoting ROS production

Environmental Pollution v. 251, 2019: p. 689-698

10.1016/j.envpol.2019.05.026

Deoxynivalenol; Inflammation; Apoptosis; ROS; IPEC-J2 cells

No. 1008

Jarvis, Rebecca M.; Young, Tim

Key research priorities for the future of marine science in New Zealand

Marine Policy v. 106, 2019: p. 103539

10.1016/j.marpol.2019.103539

No. 1009

Sakurai, Kenji; Dainichi, Teruki; Garcet, Sandra; Tsuchiya, Soken; Yamamoto, Yosuke; Kitoh, Akihiko; Honda, Tetsuya; Nomura, Takashi; Egawa, Gyohei; Otsuka, Atsushi; Nakajima, Saeko; Matsumoto, Reiko; Nakano, Yuri; Otsuka, Masayuki; Iwakura, Yoichiro; Gri

Cutaneous p38 mitogen-activated protein kinase activation triggers psoriatic dermatitis

Journal of Allergy and Clinical Immunology v. 144 , 2019 : p. 1036-1049
10.1016/j.jaci.2019.06.019

Psoriasis; anisomycin; IL-17; p38 mitogen-activated protein kinase

No. 1011

Ji, Yadong; Rizk, Alexandra; Voulalas, Pamela; Aljohani, Hanan; Akerman, Simon; Dussor, Gregory; Keller, Asaf; Masri, Radi

Sex differences in the expression of calcitonin gene-related peptide receptor components in the spinal trigeminal nucleus

Neurobiology of Pain v. 6, 2019: p. 100031

10.1016/j.ynpai.2019.100031

Migraine; Allodynia; CGRP; Headache; Meninges; Trigeminal

No. 1013

Oyebode, Olubukola T.; Obiekwe, Martin E.; Olorunsogo, Olufunso O.

Protective effects of alpha stone on monosodium glutamate-induced uterine hyperplasia in female wistar rats

Journal of Ayurveda and Integrative Medicine v. , 2019: p.

10.1016/j.jaim.2019.05.001

Hormones; Monosodium glutamate; Cell count density; Collagen; Lipids

No. 1015

Rostad, Sara J.; Brandão, João; Ramachandran, Akhilesh; Chien, Rory C.; Confer, Anthony W.

Austwickiosis in Captive African Spurred Tortoises (*Geochelone sulcata*) Co-infected with *Cryptosporidium ducismarci*

Journal of Comparative Pathology v. 173, 2019: p. 1-7

10.1016/j.jcpa.2019.09.008

African spurred tortoise; cryptosporidiosis

No. 1010

Venkat, Heather; Yaglom, Hayley D.; Adams, Laura

Knowledge, attitudes, and practices relevant to zoonotic disease reporting and infection prevention practices among veterinarians — Arizona, 2015

Preventive Veterinary Medicine v. 169, 2019: p. 104711

10.1016/j.prevetmed.2019.104711

Reporting; Zoonoses; Zoonotic disease; Infection prevention; Veterinary public health

No. 1012

Kong, Zhiwei; Zhou, Chuanshe; Li, Bin; Jiao, Jinzhen; Chen, Liang; Ren, Ao; Jie, Hongdong; Tan, Zhiliang

Integrative plasma proteomic and microRNA analysis of Jersey cattle in response to high-altitude hypoxia

Journal of Dairy Science v. 102, 2019: p. 4606-4618

10.3168/jds.2018-15515

high-altitude hypoxia; Jersey cattle; microRNA analysis; plasma proteomics

No. 1014

Song, Xiaojun; Feng, Zhengfu; Zhang, Yanping; Zhu, Wei

Regulation of dietary astragalus polysaccharide (APS) supplementation on the non-specific immune response and intestinal microbiota of sea cucumber *Apostichopus japonicus*

Fish & Shellfish Immunology v. 94, 2019: p. 517-524

10.1016/j.fsi.2019.09.049

Intestinal microbiota; Immune response; APS

No. 1016

Hilscher, F.H.; Laudert, S.B.; Heldt, J.S.; Cooper, R.J.; Dicke, B.D.; Jordon, D.J.; Scott, T.L.; Erickson, G.E.

Effect of copper and zinc source on finishing performance and incidence of foot rot in feedlot steers

Applied Animal Science v. 35, 2019: p. 94-100

10.15232/aas.2018-01779

zinc; feedlot; copper; hydroxychloride; organic; trace mineral

No. 1017

Wang, Lamei; Ma, Sen; Ding, Qiang; Wang, Xiaolong; Chen, Yulin

CRISPR/Cas9-mediated MSTN gene editing induced mitochondrial alterations in C2C12 myoblast cells

Electronic Journal of Biotechnology v. 40 , 2019 : p. 30-39

10.1016/j.ejbt.2019.03.009

Differentiation; CRISPR/Cas9; Proliferation; Myostatin; Genome-editing; Intracellular organelles; Metabolism regulation; Mitochondria biogenesis; Mitochondria metabolism; Short RNAs; Skeletal muscle

No. 1018

Tsybulsky, Dina; Levin, Ilya

Science teachers' worldviews in the age of the digital revolution: Structural and content analysis

Teaching and Teacher Education v. 86, 2019: p. 102921

10.1016/j.tate.2019.102921

Beliefs; Digital revolution; Pedagogical practices; Science teachers; Structural analysis; Worldviews

No. 1019

Yao, Lixian; Huang, Lianxi; Bai, Cuihua; Zhou, Changmin; He, Zhaohuan

Effect of roxarsone metabolites in chicken manure on soil biological property

Ecotoxicology and Environmental Safety v. 171, 2019: p. 493-501

10.1016/j.ecoenv.2019.01.017

Animal manure; As species; Roxarsone; Soil biological quality; Soil enzyme; Soil nitrogen

No. 1020

Duda, Weronika; Curzytek, Katarzyna; Kubera, Marta; Connor, Thomas J.; Fagan, Eimear M.; Basta-Kaim, Agnieszka; Trojan, Ewa; Papp, Mariusz; Gruca, Piotr; Budziszewska, Bogusława; Leśkiewicz, Monika; Maes, Michael; Lasoń, Władysław

Interaction of the immune-inflammatory and the kynurenine pathways in rats resistant to antidepressant treatment in model of depression

International Immunopharmacology v. 73, 2019: p. 527-538

10.1016/j.intimp.2019.05.039

Cytokines; IFN- γ ; Imipramine; Indoleamine 2,3-dioxygenase; Kynurenine 3-monooxygenase; Kynurenine aminotransferase; Kynurenine pathway

No. 1021

Zhang, Yu; Lin, Aiqing; Ding, Jianan; Yang, Xinyao; Jiang, Tinglei; Liu, Ying; Feng, Jiang

Performance of Doppler shift compensation in bats varies with species rather than with environmental clutter

Animal Behaviour v. 158, 2019: p. 109-120

10.1016/j.anbehav.2019.10.008

bats; Doppler shift compensation; echolocation; environmental clutter; vocal control

No. 1022

Ferrante, Valentina; Lolli, Susanna; Ferrari, Lorenzo; Watanabe, Tatiane Terumi Negrão; Tremolada, Carlo; Marchewka, Joanna; Estevez, Inma

Differences in prevalence of welfare indicators in male and female turkey flocks (Meleagris gallopavo)

Poultry Science v. 98, 2019: p. 1568-1574

10.3382/ps/pey534

animal-based indicators; on-farm protocol; turkey; welfare assessment

No. 1023

Din, Jaffar Ud; Nawaz, Muhammad Ali; Mehmood, Tahir; Ali, Hussain; Ali, Aziz; Hasan Adli, Durriyyah Sharifah; Norma-Rashid, Yusoff

A transboundary study of spatiotemporal patterns of livestock predation and prey preferences by snow leopard and wolf in the Pamir

Global Ecology and Conservation v. 20, 2019: p. e00719

10.1016/j.gecco.2019.e00719

No. 1024

Mostafa Imeni, Seyed; Pelaz, Lara; Corchado-Lopo, Carlos; Maria Busquets, Anna; Ponsá, Sergio; Colón, Joan

Techno-economic assessment of anaerobic co-digestion of livestock manure and cheese whey (Cow, Goat & Sheep) at small to medium dairy farms

Bioresource Technology v. 291, 2019: p. 121872

10.1016/j.biortech.2019.121872

Animal manure; Anaerobic digestion; Cheese whey; Economic assessment; Net present value

No. 1025

Ellis, John; Petrovskaya, Natalia; Petrovskii, Sergei

Effect of density-dependent individual movement on emerging spatial population distribution: Brownian motion vs Levy flights

Journal of Theoretical Biology v. 464 , 2019 : p. 159-178

10.1016/j.jtbi.2018.12.016

Animal movement; Density-dependence; Individual-based modelling; Long transients; Pattern formation

No. 1026

Arendt, Maria; Elissa, Jonathan; Schmidt, Natalie; Michael, Emily; Potter, Nicole; Cook, Mark; Knoll, Laura J.

Investigating the role of interleukin 10 on Eimeria intestinal pathogenesis in broiler chickens

Veterinary Immunology and Immunopathology v. 218, 2019: p. 109934

10.1016/j.vetimm.2019.109934

Broiler chicken; Coccidiosis; Interferon gamma; Interleukin-10

No. 1027

Habibi, Z.; Karimi-Dehkordi, S.; Kargar, S.; Sadeghi, M.

Grain source and chromium supplementation: Effects on health, metabolic status, and glucose-insulin kinetics in Holstein heifer calves

Journal of Dairy Science v. 102, 2019: p. 8941-8951

10.3168/jds.2019-16619

calf; chromium-methionine; insulin sensitivity; starch source

No. 1028

Quaresma, Miguel; Bacellar, Daniel; Leiva, Bélen; Silva, Severiano R.

Estimation of Live Weight by Body Measurements in the Miranda Donkey Breed

Journal of Equine Veterinary Science v. 79, 2019: p. 30-34

10.1016/j.jevs.2019.05.014

Donkey; Body type; Heart girth; Weight estimation

No. 1029

Cardoso, C.R.; Provinciatto, P.R.; Godoi, D.F.; Fonseca, M.T.; Ferreira, B.R.; Teixeira, G.; Cunha, F.Q.; Pinzan, C.F.; da Silva, J.S.

The signal transducer and activator of transcription 6 (STAT-6) mediates Th2 inflammation and tissue damage in a murine model of peanut-induced food allergy

Allergologia et Immunopathologia v. 47, 2019: p. 535-543

10.1016/j.aller.2019.02.006

Food allergy; Gut inflammation; STAT-6

No. 1030

Tsakmakidis, Ioannis; Pavlou, Christoforos; Tamvakis, Androniki; Papadopoulos, Theologos; Christodoulou, Vasiliki; Angelopoulou, Katerina; Dovas, Chrysostomos I.; Antoniou, Maria; Anastasakis, Christos; Diakou, Anastasia

Leishmania infection in lagomorphs and minks in Greece

Veterinary Parasitology: Regional Studies and Reports v. 16, 2019: p. 100279

10.1016/j.vprsr.2019.100279

Greece; Hares; Minks; Rabbits

No. 1031

Batista, Jael Soares; Araújo Júnior, Hélio Noberto de; Moura, Gabriela Hémylin Ferreira; Góis, Rayr Cezar de Souza; Paiva, Kaliane Alessandra Rodrigues de; Silva, Jardel Bezerra da; Costa, Wirton Peixoto; Menezes, Manuela Costa de; Nunes, Francisco Vitor

Cardiac involvement in trypanosomiasis in sheep experimentally infected by Trypanosoma vivax (Ziemman, 1905)

Experimental Parasitology v. 205, 2019: p. 107714

10.1016/j.exppara.2019.05.008

PCR; Cardiac lesions; Clinicopathological correlations; Electrocardiogram

No. 1032

Harriott, Lana; Gentle, Matthew; Traub, Rebecca; Cobbold, Rowland; Soares Magalhães, Ricardo

Geographical distribution and risk factors for Echinococcus granulosus infection in peri-urban wild dog populations

International Journal for Parasitology: Parasites and Wildlife v. 10, 2019: p. 149-155

10.1016/j.ijppaw.2019.08.005

Dingo; Public health; Zoonosis; Hydatid; Wild dog

No. 1033

Schwing, Franklin B.; Sissenwine, Michael J.; Batchelder, Harold; Dam, Hans G.; Gómez-Gutiérrez, Jaime; Keister, Julie E.; Liu, Hui; Peterson, Jay O.

William (bill) peterson's contributions to ocean science, management, and policy

Progress in Oceanography v. , 2019 : p. 102241

10.1016/j.pocean.2019.102241

Climate change; Fisheries management; GLOBEC; Marine ecosystems; mentoring; Northeast Pacific; Oregon; PICES; Salmon; Zooplankton

No. 1035

Cerolini, Silvia; Vasconi, Mauro; Abdel Sayed, Ahmad; Iaffaldano, Nicolaia; Mangiagalli, Maria G.; Pastorelli, Grazia; Moretti, Vittorio M.; Zaniboni, Luisa; Mosca, Fabio

Free-range rearing density for male and female Milanino chickens: carcass yield and qualitative meat traits

Journal of Applied Poultry Research v. 28, 2019: p. 1349-1358

10.3382/japr/pfz058

autochthonous chicken breed; fatty acids; free-range; meat composition; rearing density

No. 1037

Dlamini, N.M.; Visser, C.; Snyman, M.A.; Soma, P.; Muchadeyi, F.C.

Genomic evaluation of resistance to *Haemonchus contortus* in a South African Dohne Merino flock

Small Ruminant Research v. 175, 2019: p. 117-125

10.1016/j.smallrumres.2019.04.020

Genomic; Gastrointestinal nematodes; Body condition score; Faecal egg count; Famacha score

No. 1039

van Lingen, Henk J.; Niu, Mutian; Kebreab, Ermias; Valadares Filho, Sebastião C.; Rooke, John A.; Duthie, Carol-Anne; Schwarm, Angela; Kreuzer, Michael; Hynd, Phil I.; Caetano, Mariana; Eugène, Maguy; Martin, Cécile; McGee, Mark; O'Kiely, Padraig; Hünerbe

Prediction of enteric methane production, yield and intensity of beef cattle using an intercontinental database

Agriculture, Ecosystems & Environment v. 283, 2019: p. 106575

10.1016/j.agee.2019.106575

Methane emission; Dietary variables; Empirical modeling; Forage content; Geographical region

No. 1034

Wang, Gong-Wu; Cao, Jun; Wang, Xiao-Qin

Effects of ethanol extract from *Bidens pilosa* L. on spontaneous activity, learning and memory in aged rats

Experimental Gerontology v. 125, 2019: p. 110651

10.1016/j.exger.2019.110651

Aged rat; L.; Morris water maze; Open field; Passive avoidance; Sprague-Dawley rat

No. 1036

Abdel-Wareth, A.A.A.; Ahmed, A.E.; Hassan, H.A.; Abd El-Sadek, M.S.; Ghazalah, A.A.; Lohakare, J.

Nutritional impact of nano-selenium, garlic oil, and their combination on growth and reproductive performance of male Californian rabbits

Animal Feed Science and Technology v. 249, 2019: p. 37-45

10.1016/j.anifeedsci.2019.01.016

Reproductive performance; Nanotechnology; Liver function; Male rabbits; Nutrient digestibility

No. 1038

Drury, Georgina; Jolliffe, Siobhan; Mukhopadhyay, Tarit K.

Process mapping of vaccines: Understanding the limitations in current response to emerging epidemic threats

Vaccine v. 37, 2019: p. 2415-2421

10.1016/j.vaccine.2019.01.050

Development pipeline; Emergency response; Priority pathogens; Vaccine development tool

No. 1040

Odeniran, Paul Olalekan; Ademola, Isaiah Oluwafemi

Epidemiology of *Cryptosporidium* infection in different hosts in Nigeria: A meta-analysis

Parasitology International v. 71, 2019: p. 194-206

10.1016/j.parint.2019.04.007

Prevalence; Nigeria; Meta-analysis; Vertebrates

No. 1041

Samami, R.; Seidavi, A.; Eila, N.; Moarefi, M.; Ziaja, D.J.; Lis, J.A.; Rubiu, N.G.; Cappai, M.G.

Production performance and economic traits of silkworms (*Bombyx mori* L., 1758) fed with mulberry tree leaves (*Morus alba*, var. Ichinose) significantly differ according to hybrid lines

Livestock Science v. 226 , 2019 : p. 133-137
10.1016/j.livsci.2019.06.015

Analytical hierarchy process; Cocoon; Digestive efficiency; Hybrid line; Silk

No. 1043

Jackson, Samuel J.; Authier, Simon; Brohmann, Henning; Goody, Susan M.G.; Jones, David; Prior, Helen; Rosch, Anke; Traebert, Martin; Tse, Karen; Valentin, Jean Pierre; Milne, Aileen

Neurofunctional test batteries in safety pharmacology – Current and emerging considerations for the drug development process

Journal of Pharmacological and Toxicological Methods v. 100, 2019: p. 106602

10.1016/j.vascn.2019.106602

Animal; Reduction; Central Nervous System; Functional observational battery; Irwin test; Methods; Neurofunctional assessment; Patient safety; Safety pharmacology; Test battery endpoints

No. 1045

Yang, Weijin; Zhou, Youxu; Qiu, Jianshen; Tao, Chaochao; Wu, Weihang; Lin, Nan; Yang, Chao; Zhang, Ji; Zhang, Hongwen; Wang, Yu

An expandable one-way-valve device for chest wound treatment: Evaluation of open pneumothorax in a canine model

Asian Journal of Surgery v. , 2019: p.

10.1016/j.asjsur.2019.10.013

Trauma; Expandable device; Pneumothorax

No. 1047

Fernandes, Leíse Gomes; Denwood, Matthew James; de Sousa Américo Batista Santos, Carolina; Alves, Clebert José; Pituco, Edviges Maristela; de Campos Nogueira Romaldini, Adriana Hellmeister; De Stefano, Eliana; Nielsen, Søren Saxmose; de Azevedo, Sérgio Sa

Bayesian estimation of herd-level prevalence and risk factors associated with BoHV-1 infection in cattle herds in the State of Paraíba, Brazil

Preventive Veterinary Medicine v. 169, 2019: p. 104705

10.1016/j.prevetmed.2019.104705

Epidemiology; Risk factors; Bayesian analysis; Herpesvirus; Northeastern Brazil

No. 1042

Jahan, Marzieh; Maghsoudi, Ali; Rokouei, Mohammad; Faraji-Arough, Hadi

Prediction and optimization of slaughter weight in meat-type quails using artificial neural network modeling

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.10.072

correlation; artificial intelligence; sensitivity analysis; Japanese quail

No. 1044

Kawabe, Kouichi; Miyamoto, Eri

Effects of early postnatal MK-801 treatment on behavioral properties in rats: Differences according to treatment schedule

Behavioural Brain Research v. 370, 2019: p. 111926

10.1016/j.bbr.2019.111926

Rats; Animal model of schizophrenia; Behavioral testing; Early postnatal treatment; NMDA receptors; Treatment schedule

No. 1046

Rehman, Humaira; Ullah, Imdad; David, Mehwish; Ullah, Asad; Jahan, Sarwat

Neonatal exposure to furan alters the development of reproductive systems in adult male Sprague Dawley rats

Food and Chemical Toxicology v. 130, 2019: p. 231-241

10.1016/j.fct.2019.05.020

Cortisol; Histology; Furan; Neonatal study; Reproductive hormones; Sperm count

No. 1048

Lazarus, David D.; Mutowembwa, Paidamoyo B.; Sirdar, Mohamed M.; Rametse, Thapelo M.; Heath, Livio; Opperman, Pamela A.; Burroughs, Richard E.J.; Fosgate, Geoffrey T.

Clinical presentation of FMD virus SAT1 infections in experimentally challenged indigenous South African goats

Small Ruminant Research v. 180, 2019: p. 15-20

10.1016/j.smallrumres.2019.09.014

Infection; Goats; Clinical; Experimental; Foot-and-mouth disease

No. 1049

Yuan, Dengyue; Gao, Yundi; Zhang, Xin; Wang, Bin; Chen, Hu; Wu, Yuanbing; Chen, Defang; Wang, Zhijian; Li, Zhiqiong

NPY and NPY receptors in the central control of feeding and interactions with CART and MC4R in Siberian sturgeon

General and Comparative Endocrinology v. 284 , 2019 : p. 113239
10.1016/j.ygcen.2019.113239

CART; Feeding regulation; MC4R; NPY; NPY receptors

No. 1051

Schvartz-Leyzac, Kara C.; Colesa, Deborah J.; Buswinka, Christopher J.; Swiderski, Donald L.; Raphael, Yehoash; Pfingst, Bryan E.

Changes over time in the electrically evoked compound action potential (ECAP) interphase gap (IPG) effect following cochlear implantation in Guinea pigs

Hearing Research v. 383, 2019: p. 107809

10.1016/j.heares.2019.107809

Auditory prosthesis; Cochlear implant; ECAP; Guinea pig; Neural health

No. 1053

Liu, Jinxin; Zhao, Zhe; Avillan, Johannetsy J.; Call, Douglas R.; Davis, Margaret; Sisco, William M.; Zhang, Anyun

Dairy farm soil presents distinct microbiota and varied prevalence of antibiotic resistance across housing areas

Environmental Pollution v. 254, 2019: p. 113058

10.1016/j.envpol.2019.113058

Antibiotic resistance; Calf; Soil; Dairy farm; Discrete distribution; Housing areas

No. 1055

Kaufmann, Walter E.; Sprouse, Jeffrey; Rebowe, Nell; Hanania, Taleen; Klammer, Daniel; Missling, Christopher U.

ANAVEX®2-73 (blarcamesine), a Sigma-1 receptor agonist, ameliorates neurologic impairments in a mouse model of Rett syndrome

Pharmacology Biochemistry and Behavior v. 187, 2019: p. 172796

10.1016/j.pbb.2019.172796

Animal models; Rett syndrome; Behavioral screening; Drug screening; Mecp2 deficiency; Sigma-1 receptor

No. 1050

Wang, Wenzhu; Liu, Xu; Lu, Haitao; Liu, Lixu; Wang, Yunlei; Yu, Yan; Zhang, Tong

A method for predicting the success of Pulsinelli's four-vessel occlusion rat model by LDF monitoring of cerebral blood flow decline

Journal of Neuroscience Methods v. 328, 2019: p. 108439

10.1016/j.jneumeth.2019.108439

Cerebral blood flow decline; Global cerebral ischemia-reperfusion injury; Laser Doppler flowmetry; Pulsinelli's four-vessel occlusion method

No. 1052

Jeon, Haejun; Kim, Dongjoo; Yoo, Jean; Kwon, Soonjo

Effects of benzalkonium chloride on cell viability, inflammatory response, and oxidative stress of human alveolar epithelial cells cultured in a dynamic culture condition

Toxicology in Vitro v. 59, 2019: p. 221-227

10.1016/j.tiv.2019.04.027

Cytotoxicity; Alternatives to animal testing; Disinfectant; Dynamic culture; Inflammatory response

No. 1054

Farghaly, Mohsen M.; Abdullah, Mahmoud A.M.; Youssef, Ibrahim M.I.; Abdel-Rahim, Ismail R.; Abouelezz, Khaled

Effect of feeding hydroponic barley sprouts to sheep on feed intake, nutrient digestibility, nitrogen retention, rumen fermentation and ruminal enzymes activity

Livestock Science v. 228, 2019: p. 31-37

10.1016/j.livsci.2019.07.022

Sheep; Rumen fermentation; Nutrient digestibility; Egyptian clover; Enzymes activity; Sprouted barley

No. 1056

Pinello, K.C.; Niza-Ribeiro, J.; Fonseca, L.; de Matos, A.J.

Incidence, characteristics and geographical distributions of canine and human non-Hodgkin's lymphoma in the Porto region (North West Portugal)

The Veterinary Journal v. 245, 2019: p. 70-76

10.1016/j.tvjl.2019.01.003

Dog; Cancer epidemiology; Comparative oncology; Geographic distribution; Non-Hodgkin's lymphoma

No. 1057

Wolc, Anna; Arango, Jesus; Settar, Petek; Fulton, Janet E.; O'Sullivan, Neil P.; Dekkers, Jack C.M.

Genetics of male reproductive performance in White Leghorns

Poultry Science v. 98 , 2019 : p. 2729-2733

10.3382/ps/pez077

semen quality; fertility; genetics; hatchability; Leghorn male

No. 1058

Favaron, Phelipe O.; Borghesi, Jéssica; Mess, Andrea Maria; Castelucci, Patricia; Schiavo Matias, Gustavo de Sá; Barreto, Rodrigo da Silva Nunes; Miglino, Maria Angelica

Establishment of 3-dimensional scaffolds from hemochorial placentas

Placenta v. 81, 2019: p. 32-41

10.1016/j.placenta.2019.04.002

Extracellular matrix; Tissue engineering; Matrix biology; Placenta

No. 1059

Choi, Jung-Yoo; Park, Jae-Il; Chae, Ji Soo; Yeo, In-Sung Luke

Comparison of micro-computed tomography and histomorphometry in the measurement of bone-implant contact ratios

Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology v. 128, 2019: p. 87-95

10.1016/j.oooo.2018.12.023

No. 1060

El-Deeb, Wael; Ghoneim, Ibrahim; Fayed, Mahmoud; Elsohaby, Ibrahim; Alhaider, Abdulrahman; ElGioushy, Magdy

Acute phase proteins, proinflammatory cytokines and oxidative stress biomarkers in sheep, goats and she-camels with *Coxiella burnetii* infection-induced abortion

Comparative Immunology, Microbiology and Infectious Diseases v. 67, 2019: p. 101352

10.1016/j.cimid.2019.101352

Malondialdehyde; Cytokines; Abortion; Q fever; Serum amyloid A; Haptoglobin

No. 1061

Mendonça, Andréa A.S.; Gonçalves, Reggiani V.; Souza-Silva, Thaiany G.; Maldonado, Izabel R.S.C.; Talvani, André; Natali, Antônio J.; Novaes, Rômulo D.

Concomitant exercise training attenuates the cardioprotective effects of pharmacological therapy in a murine model of acute infectious myocarditis

Life Sciences v. 230, 2019: p. 141-149

10.1016/j.lfs.2019.05.059

Oxidative stress; Chagas cardiomyopathy; Exercise training; Experimental pathology

No. 1062

Dai, Yong; Chen, Xiao; Song, Xiaoxiao; Chen, Xijun; Ma, Wenrui; Lin, Jibin; Wu, Hailang; Hu, Xiajun; Zhou, Yanzhao; Zhang, Hongrong; Liao, Yuhua; Qiu, Zhihua; Zhou, Zihua

Immunotherapy of Endothelin-1 Receptor Type A for Pulmonary Arterial Hypertension

Journal of the American College of Cardiology v. 73, 2019: p. 2567-2580

10.1016/j.jacc.2019.02.067

vaccine; immunotherapy; endothelin-1; endothelin-1 receptor type A; ET-1; ETAR; pulmonary arterial hypertension

No. 1063

Fukuda, Ayumi; Sasao, Marin; Asakawa, Eri; Narita, Sumire; Hisano, Mei; Suruga, Kazuhito; Ichimura, Mayuko; Tsuneyama, Koichi; Tanaka, Kazunari; Omagari, Katsuhisa

Dietary fat, cholesterol, and cholic acid affect the histopathologic severity of nonalcoholic steatohepatitis in Sprague-Dawley rats

Pathology - Research and Practice v. 215, 2019: p. 152599

10.1016/j.prp.2019.152599

Animal model; Cholic acid; Hepatic fibrosis; High-fat high-cholesterol diet; Nonalcoholic steatohepatitis

No. 1064

Sant'Ana, Amanda M.S.; Bessa, Rui J.B.; Alves, Susana P.; Medeiros, Ariosvaldo N.; Costa, Roberto G.; de Sousa, Yasmim R.F.; Bezerril, Fabícia F.; Malveira Batista, Ana S.; Madruga, Marta Suely; Queiroga, Rita C.R.E.

Fatty acid, volatile and sensory profiles of milk and cheese from goats raised on native semiarid pasture or in confinement

International Dairy Journal v. 91, 2019: p. 147-154

10.1016/j.idairyj.2018.09.008

No. 1065

Suo, William Z.; Peng, David W.; Singh, Prabhakar; Ding, Xue-Feng

A Standardized Anxiety Quotient in Elevated Open Platform Task Quantifies Rodent Anxiogenic Tendency with Improved Reliability and Sensitivity

Neuroscience v. 423 , 2019 : p. 12-17

10.1016/j.neuroscience.2019.10.030

reliability; anxiety; behavioral test; binary; elevated open platform; elevated plus maze; rodent; sensitivity

No. 1066

Pereira dos Santos, José Diogo; Cunha, Eva; Nunes, Telmo; Tavares, Luís; Oliveira, Manuela

Relation between periodontal disease and systemic diseases in dogs

Research in Veterinary Science v. 125, 2019: p. 136-140

10.1016/j.rvsc.2019.06.007

Dogs; Periodontal disease; Systemic consequences

No. 1067

Nisar, Safia; Farooq, Rai Khalid; Nazir, Sadia; Alamoudi, Widyan; Alhibshi, Amani

Exposure to early life adversity alters the future behavioral response to a stressful challenge in BALB/C mice

Physiology & Behavior v. 210, 2019: p. 112622

10.1016/j.physbeh.2019.112622

No. 1068

Esakkimuthu, S.; Nagulkumar, S.; Darwin, S.Sylvester; Buvanavaragurunathan, K.; Sathya, T.N.; Navaneethakrishnan, K.R.; Kumaravel, T.S.; Murugan, S.S.; Shiota, Osamu; Balakrishna, K.; Pandikumar, P.; Ignacimuthu, S.

Antihyperlipidemic effect of iridoid glycoside deacetylasperulosidic acid isolated from the seeds of *Spermacoce hispida* L. - A traditional antiobesity herb

Journal of Ethnopharmacology v. 245, 2019: p. 112170

10.1016/j.jep.2019.112170

Obesity; Bioassay guided fractionation; Healthcare supplements; Siddha

No. 1069

Skinner, Matt; Ceuppens, Peter; White, Peter; Prior, Helen

Social-housing and use of double-decker cages in rat telemetry studies

Journal of Pharmacological and Toxicological Methods v. 96, 2019: p. 87-94

10.1016/j.vascn.2019.02.005

Rat; Methods; Cardiovascular; Double-decker; Individual housing; IVC; Refinement; Social housing; Telemetry; Verapamil

No. 1070

Baklaushev, V.P.; Durov, O.V.; Kim, S.V.; Gulaev, E.V.; Gubskiy, I.L.; Konoplyannikov, M.A.; Zabozaev, F.G.; Zhang, C.; Agrba, V.Z.; Orlov, S.V.; Lapin, B.A.; Troitskiy, A.V.; Averyanov, A.V.; Ahlfors, J-E

Development of a motor and somatosensory evoked potentials-guided spinal cord injury model in non-human primates

Journal of Neuroscience Methods v. 311, 2019: p. 200-214

10.1016/j.jneumeth.2018.10.030

Morphometry; Animal models; Spinal cord injury; Demyelination; MEP; Nonhuman primates; SCI; SSEP

No. 1071

Karthikraj, Rajendiran; Lee, Sunmi; Kannan, Kurunthachalam

Urinary concentrations and distribution profiles of 21 phthalate metabolites in pet cats and dogs

Science of The Total Environment v. 690, 2019: p. 70-75

10.1016/j.scitotenv.2019.06.522

Pet animals; Urine; DEHP; Phthalate exposure; Plasticizers; Sentinel

No. 1072

Wallace, Rhianna M.; Hart, Mariah L.; Egen, Tina E.; Schmelzle, Amanda; Smith, Michael F.; Pohler, Ky G.; Green, Jonathan A.

Bovine pregnancy associated glycoproteins can alter selected transcripts in bovine endometrial explants

Theriogenology v. 131, 2019: p. 123-132

10.1016/j.theriogenology.2019.03.026

Prostaglandin; Endometrium; Placenta; Chemokine; Matrix metalloprotease

No. 1073

Guadagnini, Dioze; Rocha, Guilherme Zweig; Santos, Andrey; Assalin, Heloisa Balan; Hirabara, Sandro Massao; Curi, Rui; Oliveira, Alexandre Gabarra; Prada, Patricia O.; Saad, Mario J.A.

Microbiota determines insulin sensitivity in TLR2-KO mice

Life Sciences v. 234 , 2019 : p. 116793

10.1016/j.lfs.2019.116793

Insulin resistance; Gut microbiota; LPS; Genetic protection; TLR2

No. 1074

Sonntag, Winnie Isabel; Kiehas, Martina Therese; Spiller, Achim; Kaiser, Anna; Ludolph, Lisa-Marie; Grunert, Klaus G.; Meyer-Höfer, Marie von

Consumer evaluation of intra-sustainable trade-offs in pig production – A mixed-method approach to analyze different consumer segments

Livestock Science v. 224, 2019: p. 102-113

10.1016/j.livsci.2019.04.010

Animal welfare; Cluster analysis; Pig production; Consumers; Qualitative interviews; Trade-off

No. 1075

Schweser, Ferdinand; Kyyriäinen, Jenni; Preda, Marilena; Pitkänen, Asla; Toffolo, Kathryn; Poulsen, Austin; Donahue, Kaitlynn; Levy, Benett; Poulsen, David

Visualization of thalamic calcium influx with quantitative susceptibility mapping as a potential imaging biomarker for repeated mild traumatic brain injury

NeuroImage v. 200, 2019: p. 250-258

10.1016/j.neuroimage.2019.06.024

Calcium; Rats; Biomarker; MRI; Fluid percussion injury; QSM; Quantitative susceptibility mapping; Repeated mild traumatic brain injury

No. 1076

Timón, María L.; Andrés, Ana I.; Otte, Jeanette; Petrón, María J.

Antioxidant peptides (<3 kDa) identified on hard cow milk cheese with rennet from different origin

Food Research International v. 120, 2019: p. 643-649

10.1016/j.foodres.2018.11.019

Animal rennet; Antioxidant peptide; Aqueous extract; Cheese; Microbial rennet; Plant rennet

No. 1077

Mills, Kelly; Bonsignore, Elizabeth; Clegg, Tamara; Ahn, June; Yip, Jason; Pauw, Daniel; Cabrera, Lautaro; Hernly, Kenna; Pitt, Caroline

Connecting children's scientific funds of knowledge shared on social media to science concepts

International Journal of Child-Computer Interaction v. 21, 2019: p. 54-64

10.1016/j.ijcci.2019.04.003

Social media; Children; Science learning; Scientific funds of knowledge

No. 1078

Du, Jian; Li, Peixin; Guo, Qianying; Tang, Xiaoli

Measuring the knowledge translation and convergence in pharmaceutical innovation by funding-science-technology-innovation linkages analysis

Journal of Informetrics v. 13, 2019: p. 132-148

10.1016/j.joi.2018.12.004

Translational research; FDA Orange book; Non-patent literature; Science policy; Scientometric analysis

No. 1079

Zheng, Ning; Su, Peng; Liu, Yue; Wang, Huadong; Nie, Binbin; Fang, Xiaohui; Xu, Yue; Lin, Kunzhang; Lv, Pei; He, Xiaobin; Guo, Yi; Shan, Baoci; Manyande, Anne; Wang, Jie; Xu, Fuqiang

Detection of neural connections with ex vivo MRI using a ferritin-encoding trans-synaptic virus

NeuroImage v. 197, 2019: p. 133-142

10.1016/j.neuroimage.2019.04.039

MRI; Ferritin; Fluorescent imaging; Synaptically connected neural networks; VSV

No. 1080

Han, Shaojie; Li, Rong; Lin, Jing; Hou, Xiaolan; Weng, Hongyu; Zhang, Huihui; Wang, Yanhua; Li, Ning; Chai, Tongjie; Wei, Liangmeng

Galectin-1 induces immune response and antiviral ability in Cherry Valley ducks after duck plague virus infection

Developmental & Comparative Immunology v. 98, 2019: p. 205-213

10.1016/j.dci.2019.04.005

Cytokines; Immune response; Antiviral; Biological function; Galectin-1

No. 1081

Karl, Jason W.; Sprinkle, James E.

Low-Cost Livestock Global Positioning System Collar from Commercial Off-the-Shelf Parts

Rangeland Ecology & Management v. 72 , 2019 : p. 954-958

10.1016/j.rama.2019.08.003

animal tracking; Arduino; Global Positioning System; GPS location; livestock distribution

No. 1082

Austad, Steven N.; Wood, Marcelo A.; Villeda, Saul A.; Voss, Joel L.; Sahay, Amar; Albert, Marilyn

Innovative approaches in cognitive aging

Neurobiology of Aging v. 83, 2019: p. 150-154

10.1016/j.neurobiolaging.2019.04.013

Epigenetics; Intervention; Novel approaches; Regeneration; Reserve; Resilience

No. 1083

Staley, Joshua; Mazloom, Reza; Lowe, Paul; Newsum, CT; Jaber-Douraki, Majid; Riviere, Jim; Wyckoff, Gerald J.

Novel Data Sharing Agreement to Accelerate Big Data Translational Research Projects in the One Health Sphere

Topics in Companion Animal Medicine v. 37, 2019: p. 100367

10.1016/j.tcam.2019.100367

translational research; big data; data analysis; data sharing; legal issues; one health; public-private partnership

No. 1084

Jimenez, Reyna E.; Adcock, Sarah J.J.; Tucker, Cassandra B.

Acute pain responses in dairy calves undergoing cornual nerve blocks with or without topical anesthetic

Journal of Dairy Science v. 102, 2019: p. 3431-3438

10.3168/jds.2018-15445

animal welfare; injection; lidocaine–prilocaine cream; local anesthesia

No. 1085

Marcon, Adila V.; Caldara, Fabiana R.; de Oliveira, Geyssane F.; Gonçalves, Liliane M.P.; Garcia, Rodrigo G.; Paz, Ibiara C.L.A.; Crone, Carla; Marcon, Alex

Pork quality after electrical or carbon dioxide stunning at slaughter

Meat Science v. 156, 2019: p. 93-97

10.1016/j.meatsci.2019.04.022

Carcass; Condemnation; Congestion; Fracture; Viscera

No. 1086

Kaur, Simranjot; Singh, Nirmal; Jaggi, Amteshwar Singh

Opening of T-type Ca²⁺ channels and activation of HCN channels contribute in stress adaptation in cold water immersion stress-subjected mice

Life Sciences v. 232, 2019: p. 116605

10.1016/j.lfs.2019.116605

Behavioral changes; Corticosterone; Ethosuximide; Ivabradine; Stress adaptation

No. 1087

Gharib, Alireza; Komaki, Alireza; Manoochehri Khoshinani, Hamed; Saidijam, Massoud; Barkley, Victoria; Sarihi, Abdolrahman; Mirnajafi-Zadeh, Javad

Intrahippocampal 5-HT_{1A} receptor antagonist inhibits the improving effect of low-frequency stimulation on memory impairment in kindled rats

Brain Research Bulletin v. 148, 2019: p. 109-117

10.1016/j.brainresbull.2019.03.007

Learning and memory; Seizure; 5-HT receptor; Deep brain stimulation

No. 1088

Ran, T.; Goma, W.M.S.; Shen, Y.Z.; Saleem, A.M.; Yang, W.Z.; McAllister, T.A.

Use of naturally sourced feed additives (lactobacillus fermentation products and enzymes) in growing and finishing steers: Effects on performance, carcass characteristics and blood metabolites

Animal Feed Science and Technology v. 254, 2019: p. 114190

10.1016/j.anifeedsci.2019.05.013

Probiotics; Enzymes; Antibiotics; Growth performance; Steers; Carcass characteristics

No. 1089

Taylor, J.D.; Baumgartner, A.; Schmid, T.E.; Brinkworth, M.H.

Responses to genotoxicity in mouse testicular germ cells and epididymal spermatozoa are affected by increased age

Toxicology Letters v. 310 , 2019 : p. 1-6

10.1016/j.toxlet.2019.04.013

Spermatogenic; Spermatozoa; Apoptosis; Ageing; Genotoxic; Susceptibility

No. 1090

Andreopoulou, Marianna; Franzo, Giovanni; Tucciarone, Claudia M; Prentza, Zoi; Koutoulis, Konstantinos C; Cecchinato, Mattia; Chaligianni, Ilias

Molecular epidemiology of infectious bronchitis virus and avian metapneumovirus in Greece

Poultry Science v. 98, 2019: p. 5374-5384

10.3382/ps/pez360

vaccination; epidemiology; Greece; avian metapneumovirus; infectious bronchitis virus

No. 1091

Cohen, D. Joshua; Patel, Vaidehi; Verma, Anjali; Boyan, Barbara D.; Schwartz, Zvi

Effect of 17 β -estradiol on estrogen receptor negative breast cancer cells in an osteolytic mouse model

Steroids v. 142, 2019: p. 28-33

10.1016/j.steroids.2017.10.010

Animal model; Breast cancer; ER α 36; Osteolysis

No. 1092

Hamie, J.C.; McAnulty, R.W.; Logan, C.M.; Lundberg, S.; Greer, A.W.

Comparison of the timing of development of immunity in Romney lambs from resistant and resilient selection lines

Veterinary Parasitology v. 270, 2019: p. 49-55

10.1016/j.vetpar.2019.04.014

Selection; Resistance; Immunity; Resilience; Gastro-intestinal nematode; Romney sheep

No. 1093

Taylor, Roberta

Negotiating voices through embodied semiosis: The co-construction of a science text

Linguistics and Education v. 53, 2019: p.

10.1016/j.linged.2019.06.005

Material haptics; Modal synchrony; Multimodal inference; Multimodal interaction; Multiple voices

No. 1094

Jiménez, Manuel; Triguero, Isaac; John, Robert

Handling uncertainty in citizen science data: Towards an improved amateur-based large-scale classification

Information Sciences v. 479, 2019: p. 301-320

10.1016/j.ins.2018.12.011

Citizen science; Classification; Astroinformatics; Data analysis; Galaxy morphologies; Uncertainty

No. 1095

Pasternak, Galia; Ribic, Christine A.; Spanier, Ehud; Ariel, Asaf; Mayzel, Boaz; Ohayon, Sarah; Zviely, Dov

Nearshore survey and cleanup of benthic marine debris using citizen science divers along the Mediterranean coast of Israel

Ocean & Coastal Management v. 175, 2019: p. 17-32

10.1016/j.ocecoaman.2019.03.016

Environment; Plastic; SCUBA diving; Underwater litter monitoring

No. 1096

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Biomarkers of oxidative stress in saliva of sheep: Analytical performance and changes after an experimentally induced stress

Research in Veterinary Science v. 123, 2019: p. 71-76

10.1016/j.rvsc.2018.12.015

Sheep; Oxidative stress; Saliva

No. 1097

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How citizen science boosted primary knowledge on fungal biodiversity in Denmark

Biological Conservation v. 237 , 2019 : p. 366-372
10.1016/j.biocon.2019.07.008

Global change; Macrofungi; Nitrogen deposition; Species discovery

No. 1099

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Peripheral administration of κ -opioid receptor antagonist stimulates gonadotropin-releasing hormone pulse generator activity in ovariectomized, estrogen-treated female goats

Domestic Animal Endocrinology v. 68, 2019: p. 83-91
10.1016/j.domaniend.2018.12.011

Arcuate nucleus; Dynorphin; KNDy neuron; Multiple unit activity; κ -opioid receptor

No. 1101

Johnson, Kathryn A.; Moon, Jordan W.; Okun, Morris A.; Scott, Matthew J.; O'Rourke, Holly P.; Hook, Joshua N.; Cohen, Adam B.

Science, God, and the cosmos: Science both erodes (via logic) and promotes (via awe) belief in God

Journal of Experimental Social Psychology v. 84, 2019: p. 103826
10.1016/j.jesp.2019.103826

Analytical thinking; Awe; God representations; Interest in science; Religious beliefs

No. 1103

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Management; Mangroves; Connectivity; Ecological function; Oyster reefs; Seagrass

No. 1098

Bolzan, Anderson Michel Soares; Bonnet, Olivier Jean François; Wallau, Marcelo Osorio; Basso, Catarine; Neves, Adriana Pires; Carvalho, Paulo César de Faccio

Foraging Behavior Development of Foals in Natural Grassland

Rangeland Ecology & Management v. , 2019: p.
10.1016/j.rama.2019.10.011

horses; campos; food selection; foraging behavior; Pampa; social transmission

No. 1100

Lima, Paulo de Mello Tavares; Crouzoulon, Pierre; Sanches, Tamires Pinheiro; Zabré, Geneviève; Kabore, Adama; Niderkorn, Vincent; Hoste, Hervé; Amarante, Alessandro Francisco Talamini do; Costa-Júnior, Livio Martins; Abdalla, Adibe Luiz; Louvandini, Helde

Effects of Acacia mearnsii supplementation on nutrition, parasitological, blood parameters and methane emissions in Santa Inês sheep infected with Trichostrongylus colubriformis and Haemonchus contortus

Experimental Parasitology v. 207, 2019: p. 107777
10.1016/j.exppara.2019.107777

Small ruminants; Sustainability; Tannins; Black wattle; Greenhouse gases; Nematodes

No. 1102

Santos, Fabio A.C.; Fortes-Silva, Rodrigo; Costa, Leandro S.; Luz, Ronald K.; Guilherme, Helder O.; Gamarano, Pedro G.; Oliveira, Camila G.; Santos, Welliene M.; Ribeiro, Paula A.P.

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Aquaculture v. 510, 2019: p. 198-205
10.1016/j.aquaculture.2019.05.038

Protein; Production; Nutrition; Food behaviour; Self-selection

No. 1104

Enger, B.D.; Nickerson, S.C.; Tucker, H.L.M.; Parsons, C.L.M.; Akers, R.M.

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mastitis; dry cow; heifer; intramammary infection; mammary growth

No. 1105

Reese, S.T.; Geary, T.W.; Franco, G.A.; Moraes, J.G.N.; Spencer, T.E.; Pohler, K.G.

Pregnancy associated glycoproteins (PAGs) and pregnancy loss in high vs sub fertility heifers

Theriogenology v. 135 , 2019 : p. 7-12
10.1016/j.theriogenology.2019.05.026

Bovine; Embryonic mortality; Pregnancy; Pregnancy-associated glycoproteins

No. 1106

Miara, Mohamed Djamel; Bendif, Hamdi; Ouabed, Asmahane; Rebbas, Khellaf; Ait Hammou, Mohammed; Amirat, Mokhtar; Greene, Alex; Teixidor-Toneu, Irene

Ethnoveterinary remedies used in the Algerian steppe: Exploring the relationship with traditional human herbal medicine

Journal of Ethnopharmacology v. 244, 2019: p. 112164

10.1016/j.jep.2019.112164

Medicinal plants; Ethnobotany; Maghreb; Nomads; North Africa

No. 1107

Srimai, Witsanu; Koonawootrittriron, Skorn; Manee-aphai, Wiroon; Chatchaiphon, Satid; Koolboon, Urai; Na-Nakorn, Uthairat

Genetic parameters and genotype-environment interaction for growth traits of North African catfish, *Clarias gariepinus* (Burchell, 1822)

Aquaculture v. 501, 2019: p. 104-110

10.1016/j.aquaculture.2018.10.064

Heritability; Animal model; Genetic correlation; Condition factor

No. 1108

Rezaei, Ako; Vaziry, Asaad; Farshad, Abbas; Farzinpour, Amjad; Rostamzadeh, Jalal

Effects of letrozole administration on growth and reproductive performance in Markhoz goat bucklings

Theriogenology v. , 2019: p.

10.1016/j.theriogenology.2019.11.017

Testosterone; Growth performance; Bucks; Estradiol; Letrozole; Semen characteristics

No. 1109

Melotti, Luca; Kästner, Niklas; Eick, Anna Katharina; Schnelle, Anna Lisa; Palme, Rupert; Sachser, Norbert; Kaiser, Sylvia; Richter, S. Helene

Can live with 'em, can live without 'em: Pair housed male C57BL/6J mice show low aggression and increasing sociopositive interactions with age, but can adapt to single housing if separated

Applied Animal Behaviour Science v. 214, 2019: p. 79-88

10.1016/j.applanim.2019.03.010

Animal welfare; Stress; Social behaviour; Anxiety; Mouse; Social support

No. 1110

Sun, Wancheng; Luo, Yihao; Wang, Dong Hao; Kothapalli, Kumar S.D.; Brenna, J. Thomas

Branched chain fatty acid composition of yak milk and manure during full-lactation and half-lactation

Prostaglandins, Leukotrienes and Essential Fatty Acids v. 150, 2019: p. 16-20

10.1016/j.plefa.2019.09.002

Gene expression; Branched chain fatty acids (BCFA); Yak manure; Yak milk

No. 1111

Bertoglio, Daniele; Jonckers, Elisabeth; Ali, Idrish; Verhoye, Marleen; Van der Linden, Annemie; Dedeurwaerdere, Stefanie

In vivo measurement of brain network connectivity reflects progression and intrinsic disease severity in a model of temporal lobe epilepsy

Neurobiology of Disease v. 127, 2019: p. 45-52

10.1016/j.nbd.2019.02.012

Rat; Animal model; Epileptogenesis; Temporal lobe epilepsy; BOLD response; Functional MRI; Network connectivity; Spontaneous recurrent seizure

No. 1112

Jameie, Seyed Behnamedin; Mesgar, Somaye; Aliaghaei, Abbas; Raoofi, Amir; Amini, Maryam; Khodaghali, Fariba; Danyali, Samira; Sorraya, Marziyeh; Sadeghi, Yousef

Neuroprotective effect of exogenous melatonin on the noradrenergic neurons of adult male rats' locus coeruleus nucleus following REM sleep deprivation

Journal of Chemical Neuroanatomy v. 100, 2019: p. 101656

10.1016/j.jchemneu.2019.101656

Exogenous melatonin; Locus coeruleus; REM sleep deprivation

No. 1113

TIEDJE, James M.; WANG, Fang; MANAIA, Célia M.; VIRTÀ, Marko; SHENG, Hongjie; MA, Liping; ZHANG, Tong; TOPP, Edward

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Pedosphere v. 29 , 2019 : p. 273-282
10.1016/S1002-0160(18)60062-1

human health; animal agriculture; antibiotic-resistant bacteria; antimicrobial resistance; aquaculture; One Health framework; soil contamination; wastewater and sludge

No. 1115

Fearn, Tom; Pérez-Marín, Dolores; Garrido-Varo, Ana; Guerrero-Ginel, José Emilio

Classifying with confidence using Bayes rule and kernel density estimation

Chemometrics and Intelligent Laboratory Systems v. 189, 2019: p. 81-87

10.1016/j.chemolab.2019.04.004

Classification; Kernel density estimation; Near infrared spectroscopy; Probability

No. 1117

Xu, Shijie; Jeong, Se Jin; Li, Gang; Koo, Ja Wook; Kang, Ung Gu

Repeated ethanol exposure influences key enzymes in cholesterol and lipid homeostasis via the AMPK pathway in the rat prefrontal cortex

Alcohol v. , 2019: p.

10.1016/j.alcohol.2019.11.004

Ethanol; AMPK pathway; Cholesterol homeostasis; HMG-CoAR; Prefrontal cortex

No. 1119

Yang, Hui; Liu, Zhe; Jiang, Qun; Xu, Junjie; An, Zhenhua; Zhang, Yingying; Xiong, Dongmei; Wang, Lixin

A novel ferritin gene from *Procambarus clarkii* involved in the immune defense against *Aeromonas hydrophila* infection and inhibits WSSV replication

Fish & Shellfish Immunology v. 86, 2019: p. 882-891

10.1016/j.fsi.2018.12.022

Ferritin; Immune defense; WSSV

No. 1114

Aboulghasemi, Nazanin; Hadipour Jahromy, Mahsa; Ghasemi, Amir

Anti-dyskinetic efficacy of 5-HT₃ receptor antagonist in the hemi-parkinsonian rat model

IBRO Reports v. 6, 2019: p. 40-44

10.1016/j.ibror.2018.12.001

Rat; Serotonin; Dyskinesia; Levodopa; Ondansetron; Parkinson

No. 1116

Martins, T.; Pugliesi, G.; Sponchiado, M.; Cardoso, B.O.; da Silva, K.R.; Celeghini, E.C.C.; Binelli, M.

Supplementation with long-acting progesterone in early diestrus in beef cattle: II. Relationships between follicle growth dynamics and luteolysis

Domestic Animal Endocrinology v. 68, 2019: p. 1-10

10.1016/j.domaniend.2018.12.004

Embryo; Pregnancy; Estradiol; First follicular wave

No. 1118

Alves, Rafael Leite; Cardoso, Bárbara Ramalho Ladeira; Ramos, Isalira Peroba Rezende; Oliveira, Bruna da Silva; dos Santos, Mara Livia; de Miranda, Aline Silva; de Almeida, Tatiane Cristine Silva; Vieira, Maria Aparecida Ribeiro; Machado, Fabiana Simão; F

Physical training improves exercise tolerance, cardiac function and promotes changes in neurotrophins levels in chagasic mice

Life Sciences v. 232, 2019: p. 116629

10.1016/j.lfs.2019.116629

Exercise training; Brain derived neurotrophic factor (BDNF); Cardiac function; Chagas' disease; Chagasic cardiomyopathy; Glial cell-derived neurotrophic factor (GDNF); Nerve growth factor (NGF); Neurotrophins

No. 1120

Li, Junqiang; Shi, Ke; Sun, Fangfang; Li, Tingwen; Wang, Rongjun; Zhang, Sumei; Jian, Fuchun; Ning, Changshen; Zhang, Longxian

Identification of human pathogenic *Enterocytozoon bieneusi*, *Cyclospora cayetanensis*, and *Cryptosporidium parvum* on the surfaces of vegetables and fruits in Henan, China

International Journal of Food Microbiology v. 307, 2019: p. 108292

10.1016/j.ijfoodmicro.2019.108292

Carriage status; Fresh produce

No. 1121

de Souza, R.A.; Tempelman, R.J.; Allen, M.S.; VandeHaar, M.J.
 Updating predictions of dry matter intake of lactating dairy cows
 Journal of Dairy Science v. 102 , 2019 : p. 7948-7960
 10.3168/jds.2018-16176
model; lactation; feed intake

No. 1123

Bartley, Paul M.; Burrells, Alison; Benavides, Julio; Canton, German; Garcia, Joao L.; Thomson, Jackie; Chianini, Francesca; Innes, Elisabeth A.; Katzer, Frank
 Cell mediated and innate immune responses in pigs following vaccination and challenge with Toxoplasma parasites
 Veterinary Parasitology v. 275, 2019: p. 108963
 10.1016/j.vetpar.2019.108963
Vaccination; Cell mediated immunity; Porcine

No. 1125

Mughini-Gras, Lapo; Dorado-García, Alejandro; van Duikeren, Engeline; van den Bunt, Gerrita; Dierikx, Cindy M; Bonten, Marc J M; Bootsma, Martin C J; Schmitt, Heike; Hald, Tine; Evers, Eric G; de Koeijer, Aline; van Pelt, Wilfrid; Franz, Eelco; Mevius, D
 Attributable sources of community-acquired carriage of Escherichia coli containing β -lactam antibiotic resistance genes: a population-based modelling study
 The Lancet Planetary Health v. 3, 2019: p. e357-e369
 10.1016/S2542-5196(19)30130-5

No. 1127

Andrews, Paul A.; McNerney, Mary Ellen; DeGeorge, Joseph J.
 Exposure assessments in reproductive and developmental toxicity testing: An IQ-DruSafe industry survey on current practices and experiences in support of exposure-based high dose selection
 Regulatory Toxicology and Pharmacology v. 107, 2019: p. 104413
 10.1016/j.yrtph.2019.104413
Fertility; Risk assessment; Pregnancy; Developmental toxicity; Embryofetal; Exposure; Malformations; Pharmacokinetics

No. 1122

Al-Qaisi, M.; Horst, E.A.; Kvidera, S.K.; Mayorga, E.J.; Timms, L.L.; Baumgard, L.H.
 Technical note: Developing a heat stress model in dairy cows using an electric heat blanket
 Journal of Dairy Science v. 102, 2019: p. 684-689
 10.3168/jds.2018-15128
dairy cow; heat stress; electric blanket

No. 1124

Tan, Herng Yih; Chen, Sai-Wei; Hu, Shao-Yang
 Improvements in the growth performance, immunity, disease resistance, and gut microbiota by the probiotic Rummeliibacillus stabekisii in Nile tilapia (Oreochromis niloticus)
 Fish & Shellfish Immunology v. 92, 2019: p. 265-275
 10.1016/j.fsi.2019.06.027
Growth; Innate immunity; Gut microbiota; s

No. 1126

Rodriguez-Sanchez, R; Tres, A; Sala, R; Guardiola, F; Barroeta, A C
 Evolution of lipid classes and fatty acid digestibility along the gastrointestinal tract of broiler chickens fed different fat sources at different ages
 Poultry Science v. 98, 2019: p. 1341-1353
 10.3382/ps/pey458
broiler; fat saturation degree; fatty acid absorption; fatty acid digestibility; lipid class

No. 1128

Sekiya, Toshiki; Mifsud, Edin J; Ohno, Marumi; Nomura, Naoki; Sasada, Mayumi; Fujikura, Daisuke; Daito, Takuji; Shingai, Masashi; Ohara, Yuki; Nishimura, Tomohiro; Endo, Masafumi; Mitsumata, Ryotarou; Ikeda, Tomio; Hatanaka, Hironori; Kitayama, Hiroki; Mo
 Inactivated whole virus particle vaccine with potent immunogenicity and limited IL-6 induction is ideal for influenza
 Vaccine v. 37, 2019: p. 2158-2166
 10.1016/j.vaccine.2019.02.057
Inactivated whole influenza virus particle vaccine; Seasonal and pandemic influenza

No. 1129

Pupin, Rayane Chitolina; Guizelini, Carolina de Castro; Lemos, Ricardo Antônio Amaral de; Martins, Tessie Beck; Borges, Fernando de Almeida; Borges, Dyego Gonçalves Lino; Gomes, Danilo Carloto

Retrospective study of epidemiological, clinical and pathological findings of bovine babesiosis in Mato Grosso do Sul, Brazil (1995–2017)

Ticks and Tick-borne Diseases v. 10, 2019 : p. 36-42
10.1016/j.ttbdis.2018.08.015

Protozoa; Cattle; Epidemiology; Brazil; Tick; Zebu

No. 1130

Ajith, Y.; Dimri, Umesh; Gopalakrishnan, Arumugam; Devi, Gopinath; Junaid, Nellooran; Madhesh, E.

Host immunomodulation by ascorbic acid ameliorates oxidative stress in caprine pediculosis—A pilot study

Small Ruminant Research v. 176, 2019: p. 65-69

10.1016/j.smallrumres.2019.05.017

Immunomodulator; Antioxidant; Vitamin C; Oxidative stress; -acetyl cysteine; Chewing lice; Th2 immunity

No. 1131

García-Gómez, Belén; Vázquez-Odériz, M^a Lourdes; Muñoz-Ferreiro, Nieves; Romero-Rodríguez, M^a Ángeles; Vázquez, Manuel

Interaction between rennet source and transglutaminase in white fresh cheese production: Effect on physicochemical and textural properties

LWT v. 113, 2019: p. 108279

10.1016/j.lwt.2019.108279

Cheese; Rennet; Texture; TPA; Transglutaminase; Yield

No. 1132

Fontes-Dutra, Mellanie; Della-Flora Nunes, Gustavo; Santos-Terra, Júlio; Souza-Nunes, Walquíria; Bauer-Negrini, Guilherme; Hirsch, Mauro Mozael; Green, Lily; Riesgo, Rudimar; Gottfried, Carmem; Bambini-Junior, Victorio

Abnormal empathy-like pro-social behaviour in the valproic acid model of autism spectrum disorder

Behavioural Brain Research v. 364, 2019: p. 11-18

10.1016/j.bbr.2019.01.034

Valproate; Animal models; Autism; Empathy; Pro-social behaviour

No. 1133

Xie, Long; Lu, Zhenping; Chen, Dongyang; Yang, Mengmeng; Liao, Yuying; Mao, Wenrong; Mo, Lifan; Sun, Juanjuan; Yang, Wenhao; Xu, Huiyan; Lu, Kehuan; Lu, Yangqing

Derivation of chicken primordial germ cells using an indirect Co-culture system

Theriogenology v. 123, 2019: p. 83-89

10.1016/j.theriogenology.2018.09.017

Chicken; In vitro culture; Primordial germ cells

No. 1134

Rani, Surabhi; Beaver, Annabelle; Schukken, Ynte H.; Pradhan, Abani K.

Modeling the effects of infection status and hygiene practices on Mycobacterium avium subspecies paratuberculosis contamination in bulk tank milk

Food Control v. 104, 2019: p. 367-376

10.1016/j.foodcont.2019.04.031

subsp.; Johne's disease; Bulk tank milk; Good hygiene practices; Milk filters; Washing efficiency

No. 1135

Baes, Christine F.; Mekanjuola, Bayode O.; Miglior, Filippo; Marras, Gabriele; Howard, Jeremy T.; Fleming, Allison; Maltecca, Christian

Symposium review: The genomic architecture of inbreeding: How homozygosity affects health and performance

Journal of Dairy Science v. 102, 2019: p. 2807-2817

10.3168/jds.2018-15520

inbreeding; mating programs; runs of homozygosity

No. 1136

Khunoana, E.T.; Madikizela, B.; Erhabor, J.O.; Nkadameng, S.M.; Arnot, L.F.; Van Wyk, I.; McGaw, L.J.

A survey of plants used to treat livestock diseases in the Mnisi community, Mpumalanga, South Africa, and investigation of their antimicrobial activity

South African Journal of Botany v. 126, 2019: p. 21-29

10.1016/j.sajb.2019.07.026

Cytotoxicity; Ethnoveterinary medicine; Antibacterial; Antibiofilm; Antifungal; Antimycobacterial; Mpumalanga

No. 1137

Kortekaas, Kim; Kotrschal, Kurt

Does socio-ecology drive differences in alertness between wolves and dogs when resting?

Behavioural Processes v. 166, 2019 : p. 103877

10.1016/j.beproc.2019.05.024

Domestication; Dog; Wolf; Heart rate; Alertness; Resting

No. 1139

Abazari, Mohammad Foad; Nejati, Fatemeh; Nasiri, Navid; Khazeni, Zahra Al Sadat; Nazari, Bahareh; Enderami, Seyed Ehsan; Mohajerani, Hassan

Platelet-rich plasma incorporated electrospun PVA-chitosan-HA nanofibers accelerates osteogenic differentiation and bone reconstruction

Gene v. 720, 2019: p. 144096

10.1016/j.gene.2019.144096

Mesenchymal stem cells; Bone regeneration; Critical-sized rat calvarial defect; Platelet rich plasma; Polyvinyl alcohol-chitosan-hydroxyapatite

No. 1141

Mastrochirico-Filho, Vito A.; Ariede, Raquel B.; Freitas, Milena V.; Lira, Lieschen V.G.; Agudelo, John F.G.; Pilarski, Fabiana; Reis Neto, Rafael V.; Yáñez, José M.; Hashimoto, Diogo T.

Genetic parameters for resistance to *Aeromonas hydrophila* in the Neotropical fish pacu (*Piaractus mesopotamicus*)

Aquaculture v. 513, 2019: p. 734442

10.1016/j.aquaculture.2019.734442

Heritability; Animal breeding; Disease resistance; Aeromoniosis

No. 1143

Birocale, Antonio Marcos; Ferreira de Melo, Antonio; Peixoto, Pollyana; Costalonga Oliveira, Phablo Wendell; Gonçalves Ruffoni, Leandro Dias; Takayama, Liliam Masako; Nogueira, Breno Valentim; Nonaka, Keico Okino; Rodrigues Pereira, Rosa Maria; Martins de

Telmisartan use in rats with preexisting osteoporotic bone disorders increases bone microarchitecture alterations via PPAR γ

Life Sciences v. 237, 2019: p. 116890

10.1016/j.lfs.2019.116890

Ovariectomy; Hypertension; Bone; PPAR γ ; Telmisartan

No. 1138

Rothenbücher, Theresa S.P.; Ledin, Johan; Gibbs, David; Engqvist, Håkan; Persson, Cecilia; Hulsart-Billström, Gry

Zebrafish embryo as a replacement model for initial biocompatibility studies of biomaterials and drug delivery systems

Acta Biomaterialia v. 100, 2019: p. 235-243

10.1016/j.actbio.2019.09.038

3Rs; Zebrafish; FET test; Fish embryo toxicity; High-throughput

No. 1140

Liu, Gang; Deng, Yale; Verdegem, Marc; Ye, Zhangying; Zhu, Songming

Using poly(β -hydroxybutyrate- β -hydroxyvalerate) as carbon source in biofloc-systems: Nitrogen dynamics and shift of *Oreochromis niloticus* gut microbiota

Science of The Total Environment v. 694, 2019: p. 133664

10.1016/j.scitotenv.2019.133664

Gut microbiota; Biodegradable polymers (BDPs); Biofloc system; Carbohydrate; Nitrogen dynamic

No. 1142

Hao, Fei; Wang, Zhongyu; Mao, Li; Yang, Leilei; Zhang, Wenwen; Li, Jizong; Wang, Xuyuan; Li, Wenliang; Jiang, Jieyuan

The novel caprine parainfluenza virus type 3 showed pathogenicity in Guinea pigs

Microbial Pathogenesis v. 134, 2019: p. 103569

10.1016/j.micpath.2019.103569

Pathogenicity; Caprine parainfluenza virus type 3; Guinea pigs; Respiratory disease

No. 1144

Sihali-Beloui, Ouahiba; Aroune, Djamila; Benazouz, Fella; Hadji, Adile; El-Aoufi, Salima; Marco, Sergio

A hypercaloric diet induces hepatic oxidative stress, infiltration of lymphocytes, and mitochondrial reshuffle in *Psammomys obesus*, a murine model of insulin resistance

Comptes Rendus Biologies v. 342, 2019: p. 209-219

10.1016/j.crv.2019.04.003

Oxidative stress; Adaptive inflammation; Dynamique mitochondriale; Inflammation adaptative; Lésions hépatiques; Liver injury; Mitochondrial dynamics; Stress oxydatif

No. 1145

Locritani, M.; Merlino, S.; Abbate, M.

Assessing the citizen science approach as tool to increase awareness on the marine litter problem

Marine Pollution Bulletin v. 140, 2019 : p. 320-329

10.1016/j.marpolbul.2019.01.023

Citizen science; Assessment; Anthropogenic marine debris; Mediterranean Sea; SEACleaner

No. 1146

Vasconcelos, Ana Carina Nogueira; Streit, Danilo Pedro; Octavera, Anna; Miwa, Misako; Kabeya, Naoki; Freitas Garcia, Raycon Roberto; Rotili, Daniel Antonio; Yoshizaki, Goro

Isolation and characterization of a germ cell marker in teleost fish *Colossoma macropomum*

Gene v. 683, 2019: p. 54-60

10.1016/j.gene.2018.10.027

Oocytes; Germ cells; Spermatogonia; Vasa

No. 1147

Ahmadian, Seyed Raheleh; Ghasemi-Kasman, Maryam; Pouramir, Mahdi; Sadeghi, Farzin

Arbutin attenuates cognitive impairment and inflammatory response in pentylentetrazol-induced kindling model of epilepsy

Neuropharmacology v. 146, 2019: p. 117-127

10.1016/j.neuropharm.2018.11.038

Neuroprotection; Pentylentetrazole; arbutin; Glial activation; Inflammatory mediators; Spatial learning and memory

No. 1148

Gomez-Ordoñez, Daisy; Juárez, Jorge

Differential effect of modafinil on impulsivity, attention and motor activity in preadolescent rats prenatally treated with alcohol

Brain Research v. 1722, 2019: p. 146395

10.1016/j.brainres.2019.146395

Hyperactivity; Impulsivity; Inattention; Modafinil; Prenatal alcohol

No. 1149

Cooperrider, Jessica; Chan, Hugh H.; Gale, John T.; Park, Hyun-Joo; Baker, Kenneth B.; Machado, Andre G.

BrdU-induced hyperlocomotion in the stroked rat

Neuroscience Letters v. 703, 2019: p. 96-98

10.1016/j.neulet.2019.03.007

BrdU; Bromodeoxyuridine; Ischemia; Neurogenesis; Neurorehabilitation

No. 1150

Naya, Ashley; Traulsen, Imke; Gertz, Marvin; Hasler, Mario; Burfeind, Onno; große Beilage, Elisabeth; Krieter, Joachim

Is tail biting in growing pigs reduced by a prolonged suckling period?

Applied Animal Behaviour Science v. 211, 2019: p. 41-46

10.1016/j.applanim.2018.10.020

Pigs; Weaning; Group housing; Suckling period; Tail biting

No. 1151

Seibt, Katharina D.; Häussler, Susanne; Vecchio, Domenico; DeCarlo, Esterina; Cecilian, Fabrizio; Sauerwein, Helga

Comparison of telomere lengths in leukocytes and in nasal and vaginal epithelial cells from Water Buffaloes (*Bubalus bubalis*) of different ages

Research in Veterinary Science v. 124, 2019: p. 328-333

10.1016/j.rvsc.2019.04.013

Leukocytes; Nasal swabs; Telomere length; Vaginal swabs; Water buffaloes

No. 1152

Marigliani, Bianca; Silva, Josemar Vinícius Maiworm Abreu; Balottin, Luciene Bottentuit López; Silva, Karina Ribeiro; Baptista, Leandra Santos; Campos, Claudia Barbosa Ladeira de; Augusto, Elisabeth de Fatima Pires

Adaptation of a skin sensitization assay to a chemically defined culture

Toxicology in Vitro v. 57, 2019: p. 145-153

10.1016/j.tiv.2018.12.004

techniques; Animal use alternatives; Culture media, serum-free; Dermatitis, allergic contact; Toxicity tests

No. 1153

Kozma, Kata; Kassai, Ferenc; Ernyey, Aliz J.; Gyertyán, István

Establishment of a rodent cooperation assay as a model of social cognition

Journal of Pharmacological and Toxicological Methods v. 97 , 2019 : p. 44-51

10.1016/j.vascn.2019.03.003

Animal model; Cooperation; Autism; Methods; Drug testing; Skinner box; Theory of mind

No. 1154

Slivicki, Richard A.; Mali, Sonali S.; Hohmann, Andrea G.

Voluntary exercise reduces both chemotherapy-induced neuropathic nociception and deficits in hippocampal cellular proliferation in a mouse model of paclitaxel-induced peripheral neuropathy

Neurobiology of Pain v. 6, 2019: p. 100035

10.1016/j.ynpai.2019.100035

Exercise; Environmental enrichment; Neuropathic pain; Chemotherapy; Hippocampal cellular proliferation; Paclitaxel

No. 1155

Iguácel, Laura Pilar; Calvo, Jorge Hugo; Casasús, Isabel; Serrano, Malena; Ripoll, Guillermo; Sarto, Pilar; Villalba, Daniel; Blanco, Mireia

Association of two single nucleotide polymorphisms in the calpastatin gene with tenderness under varying lengths of meat ageing in two native Spanish cattle breeds

Livestock Science v. 230, 2019: p. 103820

10.1016/j.livsci.2019.103820

Management; Beef; Shear force; CAST; Parda de Montaña; Pirenaica

No. 1156

Giromini, Carlotta; Cheli, Federica; Rebucci, Raffaella; Baldi, Antonella

Invited review: Dairy proteins and bioactive peptides: Modeling digestion and the intestinal barrier

Journal of Dairy Science v. 102, 2019: p. 929-942

10.3168/jds.2018-15163

bioactive peptide; dairy protein; in vitro digestion; intestinal cell

No. 1157

Xing, Houjuan; Chen, Jianqing; Peng, Muqiao; Wang, Zhilei; Liu, Feng; Li, Shu; Teng, Xiaohua

Identification of signal pathways for immunotoxicity in the spleen of common carp exposed to chlorpyrifos

Ecotoxicology and Environmental Safety v. 182, 2019: p. 109464

10.1016/j.ecoenv.2019.109464

Fish; Chlorpyrifos; Immunotoxicity mechanism; Organismal system; Signal pathway; Transcriptome analysis

No. 1158

Hadaya, Danny; Soundia, Akrivoula; Gkouveris, Ioannis; Dry, Sarah M.; Aghaloo, Tara L.; Tetradis, Sotirios

Development of Medication-Related Osteonecrosis of the Jaw After Extraction of Teeth With Experimental Periapical Disease

Journal of Oral and Maxillofacial Surgery v. 77, 2019: p. 71-86

10.1016/j.joms.2018.08.010

No. 1159

Rašković, Aleksandar; Čučuz, Veljko; Torović, Ljilja; Tomas, Ana; Gojković-Bukarica, Ljiljana; Čebović, Tatjana; Milijašević, Boris; Stilinović, Nebojša; Cvejić Hogervorst, Jelena

Resveratrol supplementation improves metabolic control in rats with induced hyperlipidemia and type 2 diabetes

Saudi Pharmaceutical Journal v. 27, 2019: p. 1036-1043

10.1016/j.jsps.2019.08.006

Diabetes; Hyperlipidemia; Resveratrol; Metabolic parameters

No. 1160

Tella, Toluwani; Masola, Bubuya; Mukaratirwa, Samson

The effect of Psidium guajava aqueous leaf extract on liver glycogen enzymes, hormone sensitive lipase and serum lipid profile in diabetic rats

Biomedicine & Pharmacotherapy v. 109, 2019: p. 2441-2446

10.1016/j.biopha.2018.11.137

Diabetes; Glycogen phosphorylase; Glycogen synthase; Hormone sensitive lipase; Serum lipids

No. 1161

Zhao, Xin; Jiang, Tinglei; Liu, Heng; Wang, Yuze; Liu, Ying; Feng, Jiang

Acoustic signalling of aggressive intent in the agonistic encounters of female Asian particoloured bats

Animal Behaviour v. 149 , 2019 : p. 65-75

10.1016/j.anbehav.2019.01.012

aggressive intent; aggressive vocalizations; skin temperature

No. 1162

Jílková, Michaela; Kaupová, Sylva; Černíková, Alena; Poláček, Lumír; Brůžek, Jaroslav; Velemínský, Petr

Early medieval diet in childhood and adulthood and its reflection in the dental health of a Central European population (Mikulčice, 9th–10th centuries, Czech Republic)

Archives of Oral Biology v. 107, 2019: p. 104526

10.1016/j.archoralbio.2019.104526

Diet; Carious lesions; Dental wear; Early medieval population; Linear enamel hypoplasia; Stable isotopes of carbon and nitrogen

No. 1163

Aleri, J.W.; Hine, B.C.; Pyman, M.F.; Mansell, P.D.; Wales, W.J.; Mallard, B.; Stevenson, M.A.; Fisher, A.D.

Associations between immune competence, stress responsiveness, and production in Holstein-Friesian and Holstein-Friesian × Jersey heifers reared in a pasture-based production system in Australia

Journal of Dairy Science v. 102, 2019: p. 3282-3294

10.3168/jds.2018-14578

antibody; cortisol response; immune responses; somatic cell counts; worm egg counts

No. 1164

Calus, Mario P.L.; Vandenplas, Jérémie; Hulsegge, Ina; Borg, Randy; Henshall, John M.; Hawken, Rachel

Assessment of sire contribution and breed-of-origin of alleles in a three-way crossbred broiler dataset

Poultry Science v. 98, 2019: p. 6270-6280

10.3382/ps/pez458

broiler; crossbred; breed-of-origin; parentage

No. 1165

Takahashi, I.; Matsuzaki, T.; Kuroki, H.; Hoso, M.

Joint unloading inhibits articular cartilage degeneration in knee joints of a monosodium iodoacetate-induced rat model of osteoarthritis

Osteoarthritis and Cartilage v. 27, 2019: p. 1084-1093

10.1016/j.joca.2019.03.001

Histopathology; Animal model; Osteoarthritis; Joint unloading; Monosodium iodoacetate

No. 1166

Yao, Lixian; Carey, Manus P.; Zhong, Jiawen; Bai, Cuihua; Zhou, Changmin; Meharg, Andrew A.

Soil attribute regulates assimilation of roxarsone metabolites by rice (*Oryza sativa* L.)

Ecotoxicology and Environmental Safety v. 184, 2019: p. 109660

10.1016/j.ecoenv.2019.109660

Animal manure; Roxarsone; Arsenic species; Paddy soil; Rice; Soil property

No. 1167

Khadka, Niranjana; Truong, Dennis Q.; Williams, Preston; Martin, John H.; Bikson, Marom

The Quasi-uniform assumption for Spinal Cord Stimulation translational research

Journal of Neuroscience Methods v. 328, 2019: p. 108446

10.1016/j.jneumeth.2019.108446

Electric field; Finite Element Model; Quasi-uniform assumption; Spinal cord stimulation (SCS)

No. 1168

Frandsen, Heidi B.; Sørensen, Jens C.; Jensen, Søren K.; Markedal, Keld E.; Joehne, Marcel S.; Maribo, Hanne; Sørensen, Susanne; Sørensen, Hilmer

Non-enzymatic transformations of dietary 2-hydroxyalkenyl and aromatic glucosinolates in the stomach of monogastrics

Food Chemistry v. 291, 2019: p. 77-86

10.1016/j.foodchem.2019.03.136

Digestive system; In vitro transformations; Intact glucosinolates; Nitriles; Non-enzymatic transformations; Thionamides

No. 1169

Bai, Xi; Dai, Sifa; Li, Jiaqi; Xiao, Shuangshuang; Wen, Aiyou; Hu, Hong
 Glutamine Improves the Growth Performance, Serum Biochemical Profile and Antioxidant Status in Broilers Under Medium-Term Chronic Heat Stress
 Journal of Applied Poultry Research v. 28 , 2019 : p. 1248-1254
 10.3382/japr/pfz091
broiler; antioxidant capacity; glutamine; growth performance; medium-term chronic heat stress

No. 1171

Zhang, Caiyun; Kang, Xiangtao; Zhang, Tianyong; Huang, Jin
 Positive Effects of Resveratrol on Egg-Laying Ability, Egg Quality, and Antioxidant Activity in Hens
 Journal of Applied Poultry Research v. 28, 2019: p. 1099-1105
 10.3382/japr/pfz072
laying hens; egg quality; antioxidant markers; resveratrol

No. 1173

Gkouveris, Ioannis; Hadaya, Danny; Soundia, Akrivoula; Bezouglaia, Olga; Chau, Yee; Dry, Sarah M.; Pirihi, Flavia Q.; Aghaloo, Tara L.; Tetradis, Sotirios
 Vasculature submucosal changes at early stages of osteonecrosis of the jaw (ONJ)
 Bone v. 123, 2019: p. 234-245
 10.1016/j.bone.2019.03.031
Anti-resorptives; Bisphosphonates; Osteoclasts; Osteonecrosis of the jaw

No. 1175

Kruse, María Sol; Vadillo, Martín Javier; Miguelez Fernández, Anabel María Mercedes; Rey, Mariana; Zanutto, Bonifacio Silvano; Coirini, Héctor
 Sucrose exposure in juvenile rats produces long-term changes in fear memory and anxiety-like behavior
 Psychoneuroendocrinology v. 104, 2019: p. 300-307
 10.1016/j.psyneuen.2019.03.016
GABA; Hippocampus; Open field; Calretinin; Medial prefrontal cortex

No. 1170

Ahmed, Mahmoud F.; El-Sayed, Ahmed Kamel; Chen, Hao; Zhao, Ruifeng; Jin, Kai; Zuo, Qisheng; Zhang, Yani; Li, Bichun
 Direct conversion of mouse embryonic fibroblast to osteoblast cells using hLMP-3 with Yamanaka factors
 The International Journal of Biochemistry & Cell Biology v. 106, 2019: p. 84-95
 10.1016/j.biocel.2018.11.008
Bone regeneration; Direct reprogramming; hLMP-3; MEF; Yamanaka factors

No. 1172

Li, Yi; Jiang, Qiuyue; Fan, Sining; Sun, Na; Li, Xiao Dong; Zheng, Yan
 Aggressive behavior variation and experience effects in three families of juvenile Chinese mitten crab (*Eriocheir sinensis*)
 Behavioural Processes v. 165, 2019: p. 44-50
 10.1016/j.beproc.2019.06.002
Experience; Aggressive behavior; Family

No. 1174

Kojima, Hiroto; Rosendale, Morgane; Sugiyama, Yui; Hayashi, Mariko; Horiguchi, Yoko; Yoshihara, Toru; Ikegaya, Yuji; Saneyoshi, Takeo; Hayashi, Yasunori
 The role of CaMKII-Tiam1 complex on learning and memory
 Neurobiology of Learning and Memory v. 166, 2019: p. 107070
 10.1016/j.nlm.2019.107070
Actin; Behaviour battery; Ca/calmodlin-dependent protein kinase II; Guanine-nucleotide exchange factor; Reciprocally activating kinase-effector complex; Synaptic plasticity

No. 1176

Yin, Rong H.; Huang, Chen; Yuan, Jing; Li, Wen; Yin, Rong L.; Li, Hua S.; Dong, Qiao; Li, Xi T.; Bai, Wen L.
 iTRAQ-based proteomics analysis reveals the deregulated proteins related to liver toxicity induced by melamine with or without cyanuric acid in mice
 Ecotoxicology and Environmental Safety v. 174, 2019: p. 618-629
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Proteomics; Melamine; Mouse; Cyanuric acid; Liver toxicity

No. 1177

Statz, Jonathan K.; Ciarlone, Stephanie L.; Goodrich, Jessica A.; McCarron, Richard M.; Walker, Peter B.; Norris, Jacob N.; Ahlers, Stephen T.; Tschiffely, Anna E.

Affective profiling for anxiety-like behavior in a rodent model of mTBI

Behavioural Brain Research v. 368 , 2019 : p. 111895

10.1016/j.bbr.2019.04.009

Behavior; PTSD; Anxiety; Blast; mTBI

No. 1178

Kashevsky, Bronislav E.; Kashevsky, Sergey B.; Terpinskaya, Tatyana I.; Ulashchik, Vladimir S.

Magnetic hyperthermia with hard-magnetic nanoparticles: In vivo feasibility of clinically relevant chemically enhanced tumor ablation

Journal of Magnetism and Magnetic Materials v. 475, 2019: p. 216-222

10.1016/j.jmmm.2018.11.083

Cancer; Chemotherapy; Hard-magnetic nanoparticle; Magnetic hyperthermia; Nanomagnetism

No. 1179

Jacobson, Sarah L.; Kwiatt, Anne C.; Ross, Stephen R.; Cronin, Katherine A.

The effects of cognitive testing on the welfare of zoo-housed Japanese macaques (*Macaca fuscata*)

Applied Animal Behaviour Science v. 212, 2019: p. 90-97

10.1016/j.applanim.2018.12.014

Welfare; Cognitive testing; Japanese macaques; Touchscreen research; Zoo

No. 1180

Lan, Anat; Einat, Haim

Questioning the predictive validity of the amphetamine-induced hyperactivity model for screening mood stabilizing drugs

Behavioural Brain Research v. 362, 2019: p. 109-113

10.1016/j.bbr.2019.01.006

Validity; Bipolar disorder; Affective disorders; Animal models; Psychostimulants; Screening model

No. 1181

Costa, Isabel; Gill, Peter Richard; Morda, Romana; Ali, Lutfiye

"More than a diet": A qualitative investigation of young vegan Women's relationship to food

Appetite v. 143, 2019: p. 104418

10.1016/j.appet.2019.104418

Women; Animal ethics; Diet; Eating disorders; Identity; Vegan; Vegetarian

No. 1182

Han, Xufeng; Li, Bibo; Wang, Xiaolong; Chen, Yulin; Yang, Yuxin

Effect of dietary concentrate to forage ratios on ruminal bacterial and anaerobic fungal populations of cashmere goats

Anaerobe v. 59, 2019: p. 118-125

10.1016/j.anaerobe.2019.06.010

Goat; Ruminants; High-throughput sequencing; Concentrate to forage ratio; Ruminal microbiota

No. 1183

Pires, Manoela Alves; Santos, Isabela Rodrigues dos; Barros, Julliane Carvalho; Trindade, Marco Antonio

Effect of replacing pork backfat with Echium oil on technological and sensory characteristics of bologna sausages with reduced sodium content

LWT v. 109, 2019: p. 47-54

10.1016/j.lwt.2019.04.009

Lipid profile; CATA; Healthy; Home test; Meat product

No. 1184

Mendes, Tiago Manuel Fernandes; Filho, David Vilas Boas; Bataglioli, Acácio Santo; do Prado, Angelo Pires; Madi, Rubens Riscala; Ueta, Marlene Tiduko; Pinto, Mara Cristina; Allegretti, Silmara Marques

Bovine fasciolosis in São Paulo state, Brazil

Veterinary Parasitology: Regional Studies and Reports v. 17, 2019: p. 100293

10.1016/j.vprsr.2019.100293

Fasciolosis; Epidemiology; Bovines

No. 1185

dos Santos, Giulia Fonseca; Veras, Alices Santos Cruz; de Freitas, Marcelo Conrado; McCabe, James; Seraphim, Patrícia Monteiro; Teixeira, Giovana Rampazzo

Strength training reduces lipid accumulation in liver of obese Wistar rats

Life Sciences v. 235, 2019: p. 116834

10.1016/j.lfs.2019.116834

Liver; Obesity; Anaerobic training; CD36; SREBP-1; Strength training

No. 1186

Dorn, Lorah D.; Susman, Elizabeth J.

Fostering the Developmental Science of Puberty: Tackling Deficits and Enhancing Dissemination

Journal of Adolescent Health v. 64, 2019: p. 561-562

10.1016/j.jadohealth.2019.01.019

No. 1187

Xie, Yinli; Li, Haitao; Qi, Xingcai; Ma, Youji; Yang, Bo; Zhang, Shumin; Chang, Huiyun; Yin, Xiangping; Li, Zhiyong

Immunogenicity and protective efficacy of a novel foot-and-mouth disease virus empty-capsid-like particle with improved acid stability

Vaccine v. 37, 2019: p. 2016-2025

10.1016/j.vaccine.2019.02.032

Immunogenicity; Acid stability; Recombinant baculovirus; Empty-capsid-like particles; FMDV serotype O

No. 1188

Walsh, John P.; Lee, You-Na; Tang, Li

Pathogenic organization in science: Division of labor and retractions

Research Policy v. 48, 2019: p. 444-461

10.1016/j.respol.2018.09.004

Science; Incentives; Corruption; Division of labor; Organization; Pathologies

No. 1189

Fessenden, S.W.; Foskolos, A.; Hackmann, T.J.; Ross, D.A.; Block, E.; Van Amburgh, M.E.

Effects of a commercial fermentation byproduct or urea on milk production, rumen metabolism, and omasal flow of nutrients in lactating dairy cattle

Journal of Dairy Science v. 102, 2019: p. 3023-3035

10.3168/jds.2018-15447

Cornell Net Carbohydrate and Protein System; Fermenter; microbial protein synthesis; omasal sampling; soluble protein

No. 1190

Barker, Michelle; Olabarriaga, Silvia Delgado; Wilkins-Diehr, Nancy; Gesing, Sandra; Katz, Daniel S.; Shahand, Shayan; Henwood, Scott; Glatard, Tristan; Jeffery, Keith; Corrie, Brian; Treloar, Andrew; Glaves, Helen; Wyborn, Lesley; Hong, Neil P. Chue; Cos

The global impact of science gateways, virtual research environments and virtual laboratories

Future Generation Computer Systems v. 95, 2019: p. 240-248

10.1016/j.future.2018.12.026

Cyberinfrastructure; e-infrastructure; Open science; Science gateways; Virtual laboratories; Virtual research environments

No. 1191

Costa, Thaís C.; Moura, Felipe H.; Souza, Ranyeri O.; Lopes, Mariana M.; Fontes, Marta M.S.; Serão, Nick V.L.; Sanglard, Leticia P.; Du, Min; Gionbelli, Mateus P.; Duarte, Marcio S.

Effect of maternal feed restriction in dairy goats at different stages of gestation on skeletal muscle development and energy metabolism of kids at the time of births

Animal Reproduction Science v. 206, 2019: p. 46-59

10.1016/j.anireprosci.2019.05.006

Energy metabolism; Fetal programming; Caprine; Skeletal muscle development

No. 1192

Saini, Chandan; Hutton, Pierce; Gao, Sisi; Simpson, Richard K.; Giraudeau, Mathieu; Sepp, Tuul; Webb, Emily; McGraw, Kevin J.

Exposure to artificial light at night increases innate immune activity during development in a precocial bird

Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology v. 233, 2019: p. 84-88

10.1016/j.cbpa.2019.04.002

Bacterial-killing assay; Human impacts; Immune development; King quail; Light pollution

No. 1193

Trethewey, Eleanor; Jackson, Mervyn

Values and cognitive mechanisms: Comparing the predictive factors of Australian meat intake

Appetite v. 142 , 2019 : p. 104386

10.1016/j.appet.2019.104386

No. 1194

Rasmussen, Martin Krøyer; Scavenius, Carsten; Gerbal-Chaloin, Sabine; Enghild, Jan

Sex dictates the constitutive expression of hepatic cytochrome P450 isoforms in Göttingen minipigs

Toxicology Letters v. 314, 2019: p. 181-186

10.1016/j.toxlet.2019.08.008

Gender; Liver; Animal model; Porcine; Detoxification

No. 1195

Gold, Susannah; Regan, Charlotte E.; McLoughlin, Philip D.; Gilleard, John S.; Wilson, Alastair J.; Poissant, Jocelyn

Quantitative genetics of gastrointestinal strongyle burden and associated body condition in feral horses

International Journal for Parasitology: Parasites and Wildlife v. 9, 2019: p. 104-111

10.1016/j.ijppaw.2019.03.010

Heritability; Animal model; Genetic correlation; Parasites; Sable island; Spatial effects

No. 1196

Savian, Jean Víctor; Priano, Maria Eugenia; Nadin, Laura Beatriz; Tieri, María Paz; Schons, Radael Marinho Tres; Basso, Catarine; Pontes Prates, Arthur; Bayer, Cimélio; Carvalho, Paulo César de Faccio

Effect of sward management on the emissions of CH₄ and N₂O from faeces of sheep grazing Italian ryegrass pastures

Small Ruminant Research v. 178, 2019: p. 123-128

10.1016/j.smallrumres.2019.08.011

Greenhouse gases; Faecal emission factor; Growing sheep; Pasture management; Sward height

No. 1197

Mughini-Gras, Lapo; Di Martino, Guido; Moscati, Livia; Buniolo, Filippo; Cibir, Veronica; Bonfanti, Lebara

Natural immunity in conventionally and organically reared turkeys and its relation with antimicrobial resistance

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.10.027

antimicrobial resistance; intensive farming; natural immunity; organic farming; Turkey

No. 1198

Cavalero, T.M.S.; Papa, F.O.; Schmith, R.A.; Scheeren, V.F.C.; Canuto, L.E.F.; Gobato, M.L.M.; Rodrigues, L.T.; Freitas-Dell'aqua, C.P.

Protocols using detomidine and oxytocin induce ex copula ejaculation in stallions

Theriogenology v. 140, 2019: p. 93-98

10.1016/j.theriogenology.2019.08.024

Semen; Equine; Imipramine; Chemical ejaculation; Ejaculatory disorders; Xylazine

No. 1199

El Fari, Radouane; Abbaoui, Abdellatif; Bourziq, Anas; Zroudi, Mohamed; Draoui, Ahmed; El Khat, Abdelaati; Belkouch, Mounir; Elgot, Abdeljalil; Gamrani, Halima

Neuroprotective effects of docosahexaenoic acid against sub-acute manganese intoxication induced dopaminergic and motor disorders in mice

Journal of Chemical Neuroanatomy v. 102, 2019: p. 101686

10.1016/j.jchemneu.2019.101686

Mice; Locomotor activity; Dopamine; DHA; Manganese; Parkinsonism

No. 1200

Majewski, Michał; Ognik, Katarzyna; Juśkiewicz, Jerzy

The interaction between resveratrol and two forms of copper as carbonate and nanoparticles on antioxidant mechanisms and vascular function in Wistar rats

Pharmacological Reports v. 71, 2019: p. 862-869

10.1016/j.pharep.2019.03.011

Resveratrol; Antioxidant status; Copper nanoparticles; Potassium channels; Thoracic aorta

No. 1201

Tevatia, Rahul; Payne, Sophie; Allen, James; White, Derrick; Clemente, Thomas E.; Cerutti, Heriberto; Demirel, Yaşar; Blum, Paul

A synthetic cdo/csad taurine pathway in the green unicellular alga *Chlamydomonas reinhardtii*

Algal Research v. 40 , 2019 : p. 101491
10.1016/j.algal.2019.101491

Microalgae; Biotechnology; Chloroplast transformation; Synthetic biology; Taurine

No. 1202

Cushman, Robert A.; Soares, Émerson M.; Yake, Hannah K.; Patterson, Allyson L.; Rosasco, Shelby L.; Beard, Joslyn K.; Northrop, Emmalee J.; Rich, Jerica J.J.; Miles, Jeremy R.; Chase, Chadwick C.; Gonda, Michael G.; Perry, George A.; McNeel, Anthony K.; S

Brangus cows have ovarian reserve parameters more like Brahman than Angus cows

Animal Reproduction Science v. 209, 2019: p. 106170
10.1016/j.anireprosci.2019.106170

Cattle; Breed; Ovarian reserve

No. 1203

Bojnord, Naeem Rastin; Honarvar, Mahmood; Aminafshara, Mehdi; Kashan, Nasser Emam Jomeh

Imputation of non-genotyped individuals using their genotyped progeny implementing machine learning algorithm

Gene Reports v. 16, 2019: p. 100435
10.1016/j.genrep.2019.100435

Machine learning; Genomic; Imputation; Non-genotype

No. 1204

Ogunmoyole, Temidayo; Oladele, Funmilola Comfort; Aderibigbe, Ayonbo; Johnson, Olaitan Daniel

Hepatotoxicity of *Telfaria occidentalis* root extracts on wistar albino rat
Heliyon v. 5, 2019: p. e01617

10.1016/j.heliyon.2019.e01617

Toxicology; Biochemistry

No. 1205

Alzoubi, Karem H.; Al Mosabih, Heba S.; Mahasneh, Amjad F.

The protective effect of edaravone on memory impairment induced by chronic sleep deprivation

Psychiatry Research v. 281, 2019: p. 112577
10.1016/j.psychres.2019.112577

Oxidative stress; Memory; Maze; Edaravone; Sleep deprivation

No. 1206

Lima, Karine Ramires; da Silva de Vargas, Liane; Ramborger, Bruna; Roehrs, Rafael; Sevenster, Dieuwke; Izquierdo, Iván; D’Hooge, Rudi; Mello-Carpes, Pâmela B

Noradrenergic and dopaminergic involvement in novelty modulation of aversive memory generalization of adult rats

Behavioural Brain Research v. 371, 2019: p. 111991
10.1016/j.bbr.2019.111991

Hippocampus; Dopaminergic system; Fear generalization; Noradrenergic system; Novelty

No. 1207

Boersch-Supan, Philipp H.; Trask, Amanda E.; Baillie, Stephen R.

Robustness of simple avian population trend models for semi-structured citizen science data is species-dependent

Biological Conservation v. 240, 2019: p. 108286
10.1016/j.biocon.2019.108286

Citizen science; Avian ecology; Biodiversity monitoring; Breeding bird survey; List-length analysis; Population trend

No. 1208

Schnell, Patrick M; Shao, Yibo; Pomeroy, Laura W; Tien, Joseph H; Moritz, Mark; Garabed, Rebecca

Modeling the role of carrier and mobile herds on foot-and-mouth disease virus endemicity in the Far North Region of Cameroon

Epidemics v. 29, 2019: p. 100355
10.1016/j.epidem.2019.100355

Foot-and-mouth disease virus; Asymptomatic carrier; Endemic; Gillespie algorithm; mobile herd; Transmission kernel

No. 1209

Tennoune, N.; Ventura, G.; Le Plenier, S.; Choisy, C.; Neveux, N.; Nakib, S.; Sarfati, G.; Raynaud-Simon, A.; Cynober, L.; De Bandt, J.P.

Effect of aging on the availability of amino acids from an immune-enhancing diet (IED) after a surgical stress in rats

Clinical Nutrition v. , 2019 : p.
10.1016/j.clnu.2019.12.007

Aging; Amino acid availability; Arginine; Immunonutrition

No. 1210

Kim, J.H.; Lee, H.K.; Park, G.H.; Choi, H.S.; Ji, S.Y.; Kil, D.Y.

Determination of the Toxic Level of Dietary Mercury and Prediction of Mercury Intake and Tissue Mercury Concentrations in Broiler Chickens Using Feather Mercury Concentrations

Journal of Applied Poultry Research v. 28, 2019: p. 1240-1247

10.3382/japr/pfz090

broiler chicken; mercury concentration in body tissue; prediction equation; toxicity of dietary mercury

No. 1211

Colombo, Federico; Durigutto, Paolo; De Maso, Luca; Biffi, Stefania; Belmonte, Beatrice; Tripodo, Claudio; Oliva, Romina; Bardini, Paola; Marini, Giada M.; Terreno, Enzo; Pozzato, Gabriele; Rampazzo, Enrico; Bertrand, Jessica; Feuerstein, Bernd; Javurek,

Targeting CD34+ cells of the inflamed synovial endothelium by guided nanoparticles for the treatment of rheumatoid arthritis

Journal of Autoimmunity v. 103, 2019: p. 102288

10.1016/j.jaut.2019.05.016

CD34 cells; Neoangiogenesis; Rheumatoid arthritis; Targeted nanoparticles; Targeted therapy

No. 1212

Lühken, E.; Nicolaisen, T.; Stracke, J.; Schulz, J.; Kemper, N.

Microbiological air quality in free-farrowing housing systems for sows

Veterinary and Animal Science v. 8, 2019: p. 100065

10.1016/j.vas.2019.100065

Air quality; Animal hygiene; Farrowing systems; Fungi; Haemolytic streptococci; Total airborne bacteria

No. 1213

Zhang, H.; Liu, A.; Li, X.; Xu, W.; Shi, R.; Luo, H.; Su, G.; Dong, G.; Guo, G.; Wang, Y.

Genetic analysis of skinfold thickness and its association with body condition score and milk production traits in Chinese Holstein population

Journal of Dairy Science v. 102, 2019: p. 2347-2352

10.3168/jds.2018-15180

heritability; body condition score; genetic correlation; skinfold thickness

No. 1214

Di Paola, Rosanna; Fusco, Roberta; Gugliandolo, Enrico; D'Amico, Ramona; Cordaro, Marika; Impellizzeri, Daniela; Perretti, Mauro; Cuzzocrea, Salvatore

Formyl peptide receptor 1 signalling promotes experimental colitis in mice

Pharmacological Research v. 141, 2019: p. 591-601

10.1016/j.phrs.2019.01.041

Animals; Immunity; Colitis; Formyl peptide receptor 1

No. 1215

Boggia, Antonio; Paolotti, Luisa; Antegiovanni, Patrich; Fagioli, Filippo Fiume; Rocchi, Lucia

Managing ammonia emissions using no-litter flooring system for broilers: Environmental and economic analysis

Environmental Science & Policy v. 101, 2019: p. 331-340

10.1016/j.envsci.2019.09.005

Climate change; Life cycle assessment; Ammonia emission control; Broiler production system

No. 1216

Gill, Joel C.; Mankelow, Joseph; Mills, Keely

The role of Earth and environmental science in addressing sustainable development priorities in Eastern Africa

Environmental Development v. 30, 2019: p. 3-20

10.1016/j.envdev.2019.03.003

Environmental science; Environmental management; Data integration; Earth science; Eastern Africa; Sustainable development

No. 1217

Bay-Richter, Cecilie; Petersen, Eskild; Liebenberg, Nico; Elfving, Betina; Wegener, Gregers

Latent toxoplasmosis aggravates anxiety- and depressive-like behaviour and suggest a role of gene-environment interactions in the behavioural response to the parasite

Behavioural Brain Research v. 364 , 2019 : p. 133-139
10.1016/j.bbr.2019.02.018

Cytokines; Depression; Anxiety; Gene-environment interactions

No. 1218

Grandhayé, Jérémy; Lecompte, François; Staub, Christophe; Venturi, Eric; Plotton, Ingrid; Cailleau-Audouin, Estelle; Ganier, Patrice; Ramé, Christelle; Brière, Sylvain; Dupont, Joelle; Froment, Pascal

Assessment of the body development kinetic of broiler breeders by non-invasive imaging tools

Poultry Science v. 98, 2019: p. 4140-4152
10.3382/ps/pez112

broiler; metabolism; development; tomography; ultrasound

No. 1219

Kończakowska, Magdalena; Siondalski, Piotr; Kowalik, Maciej Michał; Pęksa, Rafał; Długa, Aldona; Zając, Wacław; Dederko, Paulina; Kołodziejewska, Ilona; Malinowska-Pańczyk, Edyta; Sinkiewicz, Izabela; Staroszczyk, Hanna; Śliwińska, Agata; Stanisławska, Alic

Assessment of the usefulness of bacterial cellulose produced by *Gluconacetobacter xylinus* E25 as a new biological implant

Materials Science and Engineering: C v. 97, 2019: p. 302-312
10.1016/j.msec.2018.12.016

No. 1220

Chen, Chong; Yang, Bintong; Abbas Raza, Sayed Haidar; Zhang, Dongxing; Wu, Tonglei; Zhang, Zhiqiang; Ullah, Irfan; Khan, Rajwali; Yang, Guilian; Wang, Chunfeng; Wang, Guiqin; Shan, Xiaofeng; Kang, Yuanhuan; Qian, Aidong

Role of Myeloperoxidase of northern snakehead (*Channa argus*) in *Aeromonas veronii* infection

Microbial Pathogenesis v. 135, 2019: p. 103622
10.1016/j.micpath.2019.103622

gene; Expression analysis; Northern snakehead ()

No. 1221

Kechnebbou, Marwa; Martín, José; Chammem, Mohsen; Arregui, Lucía; Nouri, Said

Roads and urban areas as physiological stressors of spiny-tailed lizards, *Uromastix acanthinura*

Journal of Arid Environments v. 170, 2019: p. 103997
10.1016/j.jaridenv.2019.103997

corticosterone; Human disturbance; Non-invasive measures; Reptile conservation; Stress response

No. 1222

Bagaldo, A.R.; Miranda, G.S.; Soares Júnior, M.S.F.; de Araújo, F.L.; Matoso, R.V.M.; Chizzotti, M.L.; Bezerra, L.R.; Oliveira, R.L.

Effect of Licuri cake supplementation on performance, digestibility, ingestive behavior, carcass traits and meat quality of grazing lambs

Small Ruminant Research v. 177, 2019: p. 18-24
10.1016/j.smallrumres.2019.05.020

Shear force; By-Products; Color index; Loin

No. 1223

Watanabe, Yousuke; Nakajima, Kota; Ito, Yuko; Akahori, Yumi; Saito, Fumiyo; Woo, Gye-Hyeong; Yoshida, Toshinori; Shibutani, Makoto

Twenty-eight-day repeated oral doses of sodium valproic acid increases neural stem cells and suppresses differentiation of granule cell lineages in adult hippocampal neurogenesis of postpubertal rats

Toxicology Letters v. 312, 2019: p. 195-203
10.1016/j.toxlet.2019.05.013

Rat; Developmental neurotoxicity (DNT); Hippocampal neurogenesis; Valproic acid (VPA); γ -Aminobutyric acid (GABA)-ergic interneuron

No. 1224

Yüksel Aslier, Nesibe Gül; Tağaç, Aylin Altınışık; Durankaya, Serpil Mungan; Çalışır, Meryem; Ersoy, Nevin; Kırkım, Günay; Yurdakoç, Kadir; Bağrıyanık, Hüsnü Alper; Yılmaz, Osman; Sütay, Semih; Güneri, Enis Alpin

Dexamethasone-loaded chitosan-based genipin-cross-linked hydrogel for prevention of cisplatin induced ototoxicity in Guinea pig model

International Journal of Pediatric Otorhinolaryngology v. 122, 2019: p. 60-69
10.1016/j.ijporl.2019.04.003

Dexamethasone; Guinea pig; Cisplatin; Genipin; Hydrogel; Ototoxicity

No. 1225

Fitzgerald, Angela

Navigating and negotiating borders: Western pre-service teachers' experiences of teaching science in a non-western setting

Teaching and Teacher Education v. 82 , 2019 : p. 96-105

10.1016/j.tate.2019.03.013

Science education; Border crossing; Non-western contexts; Pre-service teacher education; Ways of knowing

No. 1226

Williams, Ellen; Carter, Anne; Hall, Carol; Bremner-Harrison, Samantha

Exploring the relationship between personality and social interactions in zoo-housed elephants: Incorporation of keeper expertise

Applied Animal Behaviour Science v. 221, 2019: p. 104876

10.1016/j.applanim.2019.104876

Personality; Social behaviour; Welfare; Keeper expertise; Social relationships; Zoo elephants

No. 1227

Srisapoom, Prapansak; Chatchaiphan, Satid; Bunnoy, Anurak; Koonawootrittriron, Skorn; Na-Nakorn, Uthairat

Heritability of immunity traits and disease resistance of bighead catfish, *Clarias macrocephalus* Günther, 1864

Fish & Shellfish Immunology v. 92, 2019: p. 209-215

10.1016/j.fsi.2019.05.060

Immunity; Disease resistance; Additive genetic variance; Genetic parameter; Walking catfish

No. 1228

Pinheiro Rogério, Marcos Cláudio; Martins, Espedito Cezário; Shiotsuki, Luciana; Fernandes Franco Pompeu, Roberto Cláudio; Muir, James Pierre; Araújo, Alexandre Ribeiro; de Sousa Oliveira, Delano; Lima Magalhães, José Lochaider; Campos, Warley Éfrem; Facó

Economic viability of finishing lambs in the feedlot using bovine cheese whey as a dietary ingredient

Small Ruminant Research v. 170, 2019: p. 131-136

10.1016/j.smallrumres.2018.11.018

Agro-industrial byproducts; Economics; Ruminants and sheep

No. 1229

Fallahi, Solmaz; Babri, Shirin; Farajdokht, Fereshteh; Ghiasi, Rafighe; Soltani Zangbar, Hamid; Karimi, Pouran; Mohaddes, Gisou

Neuroprotective effect of ghrelin in methamphetamine-treated male rats

Neuroscience Letters v. 707, 2019: p. 134304

10.1016/j.neulet.2019.134304

Apoptosis; Hippocampus; Memory; Ghrelin; Methamphetamine

No. 1230

Xia, Xi; Wang, Zheng; Fu, Yulin; Du, Xiang-dang; Gao, Binwen; Zhou, Yuqing; He, Junjia; Wang, Yang; Shen, Jianzhong; Jiang, Haiyang; Wu, Yongning

Association of colistin residues and manure treatment with the abundance of mcr-1 gene in swine feedlots

Environment International v. 127, 2019: p. 361-370

10.1016/j.envint.2019.03.061

Bacterial community; - gene; Colistin; Swine feedlot; Wastewater treat process

No. 1231

Sartori, Andrea M.; Schwab, Martin E.; Kessler, Thomas M.

Ultrasound: A Valuable Translational Tool to Measure Postvoid Residual in Awake Rats?

European Urology Focus v. , 2019: p.

10.1016/j.euf.2019.11.016

Spinal cord injury; Awake rats; Postvoid residual; Ultrasonography

No. 1232

Gardner, James

How water, wind, waves and ice shape landscapes and landforms: Historical contributions to geomorphic science

Geomorphology v. , 2019: p. 106687

10.1016/j.geomorph.2019.02.031

Anthropocene; Aeolian; Coastal; Earth system science; Fluvial; Glacial; Periglacial

No. 1233

Zhao, Yan; Li, Xiuhong; Sun, Siwei; Chen, Li; Jin, Junjie; Liu, Suzhen; Song, Xianzhang; Wu, Chunqin; Lu, Lizhi

Protective role of dryland rearing on netting floors against mortality through gut microbiota-associated immune performance in Shaoxing ducks

Poultry Science v. 98 , 2019 : p. 4530-4538
10.3382/ps/pez268

16S rRNA; dryland rearing on netting floors; gut microbiota; immune performance; Shaoxing duck

No. 1234

Koehler, Lisa Marie; Kloppert, Bärbel; Hamann, Hans-Peter; El-Sayed, Amr; Zschöck, Michael

Comprehensive literature review of the sources of infection and transmission routes of *Coxiella burnetii*, with particular regard to the criteria of “evidence-based medicine”

Comparative Immunology, Microbiology and Infectious Diseases v. 64, 2019: p. 67-72

10.1016/j.cimid.2019.02.004

Zoonosis; Q fever; Evidence-based medicine; Mode of infection

No. 1235

Bruskotter, Jeremy T.; Vucetich, John A.; Dietsch, Alia; Slagle, Kristina M.; Brooks, Jeremy S.; Nelson, Michael P.

Conservationists' moral obligations toward wildlife: Values and identity promote conservation conflict

Biological Conservation v. 240, 2019: p. 108296

10.1016/j.biocon.2019.108296

Values; Social identity; Conflict; Ethics; Moral obligation; Value orientations

No. 1236

Belayneh, Negus; Molla, Wasse; Mesfine, Mekides; Jemberu, Wudu T.

Modeling the transmission dynamics of foot and mouth disease in Amhara region, Ethiopia

Preventive Veterinary Medicine v. , 2019: p.

10.1016/j.prevetmed.2019.04.002

R; FMD; Amhara region; Modeling; SIR

No. 1237

Naderi, Asieh; Zahed, Reza; Aghajanzpour, Leila; Amoli, Fahimeh Asadi; Lashay, Alireza

Long term features of diabetic retinopathy in streptozotocin-induced diabetic Wistar rats

Experimental Eye Research v. 184, 2019: p. 213-220

10.1016/j.exer.2019.04.025

Animal model; Diabetes; Streptozotocin; Diabetic retinopathy; Retinal neovascularization

No. 1238

Estevez-Moreno, Laura X.; Sanchez-Vera, Ernesto; Nava-Bernal, Gabino; Estrada-Flores, Julieta G.; Gomez-Demetrio, William; Sepúlveda, Wilmer S.

The role of sheep production in the livelihoods of Mexican smallholders: Evidence from a park-adjacent community

Small Ruminant Research v. 178, 2019: p. 94-101

10.1016/j.smallrumres.2019.08.001

Livelihoods; Access strategies to assets; Park-adjacent community; Production orientation Nevado de Toluca; Sheep production

No. 1239

Chen, Ting; Deng, Yu; Sha, Longze; Shen, Yan; Xu, Qi

A cynomolgus monkey model of temporal lobe epilepsy

Brain Research Bulletin v. 144, 2019: p. 187-193

10.1016/j.brainresbull.2018.11.001

Animal model; Kainic acid; Temporal lobe epilepsy; Cynomolgus monkey

No. 1240

Bordignon, Rael; Volpato, Andreia; Glombowsky, Patrícia; Souza, Carine F.; Baldissera, Matheus D.; Secco, Rodrigo; Pereira, Wanderson A.B.; Leal, Marta L.R.; Vedovatto, Marcelo; Da Silva, Aleksandro S.

Nutraceutical effect of vitamins and minerals on performance and immune and antioxidant systems in dairy calves during the nutritional transition period in summer

Journal of Thermal Biology v. 84, 2019: p. 451-459

10.1016/j.jtherbio.2019.07.034

Performance; Oxidative stress; Immunity; Antioxidant system; Calves; Metaphylactic effect; Thermal stress

No. 1241

Puan, Chong Leong; Yeong, Kok Loong; Ong, Kang Woei; Ahmad Fauzi, Muhd Izzat; Yahya, Muhammad Syafiq; Khoo, Swee Seng

Influence of landscape matrix on urban bird abundance: evidence from Malaysian citizen science data

Journal of Asia-Pacific Biodiversity v. 12 , 2019 : p. 369-375
10.1016/j.japb.2019.03.008

Urbanization; Generalized linear mixed model; Green cover; Kuala Lumpur; Urban bird habitat

No. 1242

Feng, Ping; Ma, Lin; Xu, Feng; Gou, Xueyan; Du, Lupei; Ke, Bowen; Li, Minyong

In vivo bioluminescence imaging of labile iron pools in a murine model of sepsis with a highly selective probe

Talanta v. 203, 2019: p. 29-33
10.1016/j.talanta.2019.05.017

Bioluminescent probe; imaging; Luciferin-luciferase system; Iron (II)

No. 1243

Szymanski, John R.; Yuste, Rafael

Mapping the Whole-Body Muscle Activity of Hydra vulgaris

Current Biology v. 29, 2019: p. 1807-1817.e3
10.1016/j.cub.2019.05.012

emergence; calcium imaging; animal evolution; basal metazoa; Cnidaria; epithelia; muscle; neural evolution; neuromuscular systems

No. 1244

Penitente-Filho, Jurandy Mauro; Fonseca e Silva, Fabyano; Guimarães, Simone Eliza Facioni; Miranda Neto, Tamires; da Costa, Eduardo Paulino; Siqueira, Jeanne Broch; Waddington, Bruna; Guimarães, José Domingos

Use of nonlinear mixed models for describing testicular volume growth curve in Nellore bulls

Theriogenology v. 133, 2019: p. 65-70
10.1016/j.theriogenology.2019.04.026

Animal breeding; Nellore cattle; Nonlinear models; Testicular growth

No. 1245

Gonzalez-Peña, D.; Vukasinovic, N.; Brooker, J.J.; Przybyla, C.A.; DeNise, S.K.

Genomic evaluation for calf wellness traits in Holstein cattle

Journal of Dairy Science v. 102, 2019: p. 2319-2329
10.3168/jds.2018-15540

calf livability; calf wellness; genomic predictions; respiratory disease; scours

No. 1246

Pachenari, Narges; Azizi, Hossein; Semnaniann, Saeed

Adolescent Morphine Exposure in Male Rats Alters the Electrophysiological Properties of Locus Coeruleus Neurons of the Male Offspring

Neuroscience v. 410, 2019: p. 108-117
10.1016/j.neuroscience.2019.05.009

adolescence; locus coeruleus; opioids; patch clamp recording; transgenerational effect

No. 1247

Meenu, Meenakshi; Reeta, K.H.; Dinda, Amit Kumar; Kottarath, Sarat Kumar; Gupta, Yogendra Kumar

Evaluation of sodium valproate loaded nanoparticles in acute and chronic pentylenetetrazole induced seizure models

Epilepsy Research v. 158, 2019: p. 106219
10.1016/j.eplepsyres.2019.106219

Blood brain barrier; Kindling; Sodium valproate; Nanoparticles; PTZ

No. 1248

Degreef, Bart; Ngo, Khanh T.; Jaquins-Gerstl, Andrea; Weber, Stephen G.

A rotating operant chamber for use with microdialysis

Journal of Neuroscience Methods v. 326, 2019: p. 108387
10.1016/j.jneumeth.2019.108387

Dopamine; Conditioning; Cue; Online microdialysis

No. 1249

Belhadj Slimen, Imen; Chniter, Mohamed; Najar, Taha; Ghram, Abdeljelil

Meta-analysis of some physiologic, metabolic and oxidative responses of sheep exposed to environmental heat stress

Livestock Science v. 229 , 2019 : p. 179-187
10.1016/j.livsci.2019.09.026

Sheep; Oxidative stress; Metabolism; Meta-analysis; Heat stress

No. 1250

Van Os, Jennifer M.C.; Weary, Daniel M.; Costa, Joao H.C.; Hötzel, Maria J.; von Keyserlingk, Marina A.G.

Sampling strategies for assessing lameness, injuries, and body condition score on dairy farms

Journal of Dairy Science v. 102, 2019: p. 8290-8304
10.3168/jds.2018-15134

animal welfare; animal-based measure; certification program; skin lesion

No. 1251

Kiran, M.; Naveena, B.M.; Smrutirekha, M.; Baswa Reddy, P.; Rituparna, Banerjee; Praveen Kumar, Y.; Venkatesh, Ch.; Rapole, Srikanth

Traditional halal slaughter without stunning versus slaughter with electrical stunning of sheep (*Ovis aries*)

Meat Science v. 148, 2019: p. 127-136
10.1016/j.meatsci.2018.10.011

Animal welfare; Mass spectrometry; Differential gel electrophoresis; Electrical stunning; Halal slaughter

No. 1252

Hamid, H.; Zhang, J.Y.; Li, W.X.; Liu, C.; Li, M.L.; Zhao, L.H.; Ji, C.; Ma, Q.G.

Interactions between the cecal microbiota and non-alcoholic steatohepatitis using laying hens as the model

Poultry Science v. 98, 2019: p. 2509-2521
10.3382/ps/pey596

fibrosis; gut microbiota; dysbiosis; non-alcoholic fatty liver; non-alcoholic steatohepatitis

No. 1253

Moradi, Mona; Doustimotlagh, Amir Hossein; Dehpour, Ahmad Reza; Rahimi, Nastaran; Golestani, Abolfazl

The influence of TRAIL, adiponectin and sclerostin alterations on bone loss in BDL-induced cirrhotic rats and the effect of opioid system blockade

Life Sciences v. 233, 2019: p. 116706
10.1016/j.lfs.2019.116706

Adiponectin; Bone loss; Cirrhosis; Naltrexone; Sclerostin; TRAIL

No. 1254

Cui, H.X.; Shen, Q.C.; Zheng, M.Q.; Su, Y.C.; Cai, R.C.; Yu, Y.; Yang, X.R.; Chen, Z.W.; Wen, J.; Zhao, G.P.

A selection method of chickens with blue-eggshell and dwarf traits by molecular marker-assisted selection

Poultry Science v. 98, 2019: p. 3114-3118
10.3382/ps/pez069

chicken; blue-eggshell; dwarf; genetic aggregation; molecular marker-assisted breeding

No. 1255

Yeo, Hyeon Ji; Shin, Min Jea; Yeo, Eun Ji; Choi, Yeon Joo; Kim, Dae Won; Kim, Duk-Soo; Eum, Won Sik; Choi, Soo Young

Tat-CIAPIN1 inhibits hippocampal neuronal cell damage through the MAPK and apoptotic signaling pathways

Free Radical Biology and Medicine v. 135, 2019: p. 68-78
10.1016/j.freeradbiomed.2019.02.028

Apoptosis; ROS; Ischemia; Protein therapy; Tat-CIAPIN1

No. 1256

Fernández, M.C.; Soto-Navarrete, M.T.; Durán, A.C.; Sans-Coma, V.; Fernández, B.

The Bicuspid Condition of the Aortic Valve Does Not Alter the Incidence of Accessory Coronary Artery Ostia in Syrian Hamsters (*Mesocricetus auratus*)

Journal of Comparative Pathology v. 166, 2019: p. 9-16
10.1016/j.jcpa.2018.10.177

accessory coronary ostium; bicuspid aortic valve; coronary artery anomaly; Syrian hamster

No. 1257

Kuo, Michael T.H.; Beckman, Joseph S.; Shaw, Christopher A.

Neuroprotective effect of CuATSM on neurotoxin-induced motor neuron loss in an ALS mouse model

Neurobiology of Disease v. 130, 2019 : p. 104495

10.1016/j.nbd.2019.104495

Neurodegeneration; Therapeutics; ALS; Amyotrophic lateral sclerosis; Copper homeostasis; CuATSM

No. 1258

Rüdiger, Johannes; Schirpke, Uta; Tappeiner, Ulrike

Symbolic entities in the European Alps: Perception and use of a cultural ecosystem service

Ecosystem Services v. 39, 2019: p. 100980

10.1016/j.ecoser.2019.100980

Animals; Mapping; Cultural identity; Heraldry; Landscapes; Natural heritage; Perception survey; Plants; Regional identity

No. 1259

Schaeffer, Véronique

The use of material transfer agreements in academia: A threat to open science or a cooperation tool?

Research Policy v. 48, 2019: p. 103824

10.1016/j.respol.2019.103824

Open science; Academic competition; Material transfer agreement; MTA; Repository; Scientific material sharing

No. 1260

Liu, Linan; Wong, Chi W.; Han, Menglu; Farhoodi, Henry P.; Liu, Guangyang; Liu, Yongjun; Liao, Wenbin; Zhao, Weian

Meta-analysis of preclinical studies of mesenchymal stromal cells to treat rheumatoid arthritis

EBioMedicine v. 47, 2019: p. 563-577

10.1016/j.ebiom.2019.08.073

Meta-analysis; Rheumatoid arthritis; Clinical trials; Mesenchymal stromal (or stem) cells; MSC; Pre-clinical study

No. 1261

Qu, Kui-Chao; Wang, Zhen-Yong; Tang, Kou-Kou; Zhu, Yi-Song; Fan, Rui-Feng

Trehalose suppresses cadmium-activated Nrf2 signaling pathway to protect against spleen injury

Ecotoxicology and Environmental Safety v. 181, 2019: p. 224-230

10.1016/j.ecoenv.2019.06.007

Cadmium; Apoptosis; Autophagy; Nrf2 signaling pathway; Spleen; Trehalose

No. 1262

ZHAO, Bing-ru; FU, Xue-feng; TIAN, Ke-chuan; HUANG, Xi-xia; DI, Jiang; BAI, Yan; XU, Xin-ming; TIAN, Yue-zhen; WU, Wei-wei; ABLAT, Sulayman; ZENG, Wei-dan; HANIKEZI, Tulafu

Identification of SNPs and expression patterns of FZD3 gene and its effect on wool traits in Chinese Merino sheep (Xinjiang Type)

Journal of Integrative Agriculture v. 18, 2019: p. 2351-2360

10.1016/S2095-3119(19)62735-8

association analysis; Chinese Merino sheep (Xinjiang Type); expression pattern; single nucleotide polymorphism (SNP); wool traits

No. 1263

Brosnahan, M.M.; Al Abri, M.A.; Brooks, S.A.; Antczak, D.F.; Osterrieder, N.

Genome-wide association study of equine herpesvirus type 1-induced myeloencephalopathy identifies a significant single nucleotide polymorphism in a platelet-related gene

The Veterinary Journal v. 245, 2019: p. 49-54

10.1016/j.tvjl.2018.12.013

Virology; Equine; Genome-wide association study; Equine herpesvirus
1

No. 1264

Quiñones, Darío R.; Fernández-Mollá, Luis Miguel; Pacheco-Torres, Jesús; Caramés, José M.; Canals, Santiago; Moratal, David

TherMouseDuino: An affordable Open-Source temperature control system for functional magnetic resonance imaging experimentation with mice

Magnetic Resonance Imaging v. 58, 2019: p. 67-75

10.1016/j.mri.2019.01.009

Mice; Arduino; Anesthetic; BOLD; fMRI; PID

No. 1265

Hashemian, Mona; Ghasemi-Kasman, Maryam; Parsian, Hadi; Sadeghi, Farzin

Fingolimod (FTY720) improves the functional recovery and myelin preservation of the optic pathway in focal demyelination model of rat optic chiasm

Brain Research Bulletin v. 153 , 2019 : p. 109-121

10.1016/j.brainresbull.2019.08.014

Lysollecithin; Demyelination; Fingolimod; Histone deacetylase; Visual evoked potential recording

No. 1267

Uda, Kouji; Ishizuka, Naoki; Edashige, Yumika; Kikuchi, Arika; Radkov, Atanas D.; Moe, Luke A.

Cloning and characterization of a novel aspartate/glutamate racemase from the acorn worm *Saccoglossus kowalevskii*

Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology v. 232, 2019: p. 87-92

10.1016/j.cbpb.2019.03.006

-amino acid; -asp; -Glu; Aspartate racemase; Glutamate racemase

No. 1269

Wang, Meichen; Safe, Stephen; Hearon, Sara E.; Phillips, Timothy D.

Strong adsorption of Polychlorinated Biphenyls by processed montmorillonite clays: Potential applications as toxin enterosorbents during disasters and floods

Environmental Pollution v. 255, 2019: p. 113210

10.1016/j.envpol.2019.113210

Polychlorinated biphenyls; Adsorption; Aroclors; Hydra assay; Montmorillonite clay

No. 1271

Siafakas, Stavros; Tsiplakou, Eleni; Kotsarinis, Michael; Tsiboukas, Konstantinos; Zervas, George

Identification of efficient dairy farms in Greece based on home grown feedstuffs, using the Data Envelopment Analysis method

Livestock Science v. 222, 2019: p. 14-20

10.1016/j.livsci.2019.02.008

Efficiency; Dairy farms; Data Envelopment Analysis; Home-grown feedstuffs

No. 1266

Collins, Kelsey H.; MacDonald, Graham Z.; Hart, David A.; Seerattan, Ruth A.; Rios, Jaqueline L.; Reimer, Raylene A.; Herzog, Walter

Impact of age on host responses to diet-induced obesity: Development of joint damage and metabolic set points

Journal of Sport and Health Science v. , 2019: p.

10.1016/j.jshs.2019.06.004

Adult exposure; High-fat, high-sucrose diet; Rat obesity model; Serum biomarkers; Weanling exposure

No. 1268

Keschenau, Paula R.; Simons, Nina; Klingel, Hanna; Reuter, Silke; Foldenauer, Ann Christina; Vieß, Jochen; Weidener, Dennis; Andruszkow, Julia; Blümich, Bernhard; Tolba, René; Jacobs, Michael J.; Kalder, Johannes

Perfusion-related changes in intestinal diffusion detected by NMR-MOUSE® monitoring in minipigs

Microvascular Research v. 125, 2019: p. 103876

10.1016/j.mvr.2019.04.006

Animal model; Intestine; Diffusion measurement; Ischemia/reperfusion; NMR; NMR-MOUSE

No. 1270

Al-Marashdeh, Omar; Cameron, Keith C.; Bryant, Racheal H.; Chen, Ao; McGowan, Briar; Gillé-Perrier, Corentine; Carey, Peter; Chrystal, Jane; Hodge, Simon; Edwards, Grant R.

Effects of surface type in an uncovered stand-off pad system on comfort and welfare of non-lactating dairy cows during winter

Applied Animal Behaviour Science v. 211, 2019: p. 17-24

10.1016/j.applanim.2018.11.001

Animal welfare; Dairy cattle; Cow lameness; Lying behaviour; Stand-off pad

No. 1272

Abbiss, Hayley; Maker, Garth L.; Gummer, Joel P.A.; Rawlinson, Catherine; Musk, Gabrielle C.; Fleming, Patricia A.; Phillips, Jacqueline K.; Boyce, Mary C.; Trengove, Robert D.

Untargeted gas chromatography–mass spectrometry-based metabolomics analysis of kidney and liver tissue from the Lewis Polycystic Kidney rat

Journal of Chromatography B v. , 2019: p. 25-32

10.1016/j.jchromb.2019.04.021

Mass spectrometry; Gas chromatography; Metabolomics; Nephronophthisis; Polycystic kidney disease

No. 1273

Arguedas, Randall; Gómez, Aarón; Alcázar, Paloma; Chacón, Danilo; Corrales, Greivin; Barquero, Marco D.

Differences in plasmatic butyrylcholinesterases (BChE) values between Pacific and Caribbean populations of terciopelo (*Bothrops asper*) in Costa Rica

Heliyon v. 5, 2019 : p. e02620
10.1016/j.heliyon.2019.e02620

Hematology; Organophosphates; Toxicology; Veterinary medicine; Animal behavior; Biochemistry; Ecology; Environmental toxicology; Esterase; Snakes; Wildlife ecology

No. 1275

de B. Carvalho, A.; da Silva, A.L.; de A. Silva, A.M.; Netto, A.J.; de Medeiros, T.T.B.; Araújo Filho, J.M.; da S. Agostini, D.L.; de Oliveira, D.L.V.; Mazzetto, S.E.; Kotzebue, L.R.V.; Oliveira, J.R.; Oliveira, R.L.; Bezerra, L.R.

Effect of slow-release urea microencapsulated in beeswax and its inclusion in ruminant diets

Small Ruminant Research v. 179, 2019: p. 56-63
10.1016/j.smallrumres.2019.09.005

Intake; Nitrogen balance; Microspheres; N-NH

No. 1277

Shortall, Orla

Cows eat grass, don't they? Contrasting sociotechnical imaginaries of the role of grazing in the UK and Irish dairy sectors

Journal of Rural Studies v. 72, 2019: p. 45-57
10.1016/j.jrurstud.2019.10.004

No. 1279

Yosef, Reuven; Raz, Michal; Ben-Baruch, Niv; Shmueli, Liel; Kosicki, Jakub Z.; Fratzczak, Martyna; Tryjanowski, Piotr

Directional preferences of dogs' changes in the presence of a bar magnet: Educational experiments in Israel

Journal of Veterinary Behavior v. , 2019: p.
10.1016/j.jveb.2019.10.003

education; dog; magnetic alignment; magnetic field; magnetoreception

No. 1274

Abiri, Zeinab; Khalili, Mohammad; Kostoulas, Polycronis; Sharifi, Hamid; Rad, Mehrnaz; Babaei, Homayoon

Bayesian estimation of sensitivity and specificity of a PCR method to detect *Coxiella burnetii* in milk and vaginal secretions in sheep and goat samples

Journal of Dairy Science v. 102, 2019: p. 4954-4959
10.3168/jds.2018-15233

PCR; sensitivity; Bayesian estimation; specificity

No. 1276

da Silva, Talita Dias; Barnabé, Viviani; Ricci-Vitor, Ana Laura; Papapostolou, Vasileios; Tagle, Matias; Henriquez, Andres; Lawrence, Joy; Ferguson, Stephen; Wolfson, J. Mikhail; Koutrakis, Petros; Oyola, Pedro; Ferreira, Celso; de Abreu, Luiz Carlos; Mon

Secondary particles formed from the exhaust of vehicles using ethanol-gasoline blends increase the production of pulmonary and cardiac reactive oxygen species and induce pulmonary inflammation

Environmental Research v. 177, 2019: p. 108661
10.1016/j.envres.2019.108661

Inflammation; Particulate matter; Bioethanol; Bronchoalveolar; Chemiluminescence

No. 1278

Mequanent, Dagnew; Mingist, Minwyelet

Potential impact and mitigation measures of pump irrigation projects on Lake Tana and its environs, Ethiopia

Heliyon v. 5, 2019: p. e03052
10.1016/j.heliyon.2019.e03052

Environment; Environmental science; Sustainability; Alleviation; Effect; Threats

No. 1280

Adler, F.; Christley, R.; Campe, A.

Invited review: Examining farmers' personalities and attitudes as possible risk factors for dairy cattle health, welfare, productivity, and farm management: A systematic scoping review

Journal of Dairy Science v. 102, 2019: p. 3805-3824
10.3168/jds.2018-15037

attitude; personality; dairy; risk factor

No. 1281

Cui, Yuan; Yin, Kai; Gong, Yingzheng; Qu, Yingying; Liu, Honggui; Lin, Hongjin

Atrazine induces necroptosis by miR-181-5p targeting inflammation and glycometabolism in carp lymphocytes

Fish & Shellfish Immunology v. 94 , 2019 : p. 730-738
10.1016/j.fsi.2019.09.068

Inflammation; Atrazine; Glycometabolism; miR-181-5p; Necroptosis

No. 1283

Zhang, Jiacheng; Fu, Xiaozhe; Zhang, Yanqi; Zhu, Wentao; Zhou, Yong; Yuan, Gailing; Liu, Xiaoling; Ai, Taoshan; Zeng, Lingbing; Su, Jianguo

Chitosan and anisodamine improve the immune efficacy of inactivated infectious spleen and kidney necrosis virus vaccine in *Siniperca chuatsi*

Fish & Shellfish Immunology v. 89, 2019: p. 52-60
10.1016/j.fsi.2019.03.040

Chitosan; Adjuvant; Anisodamine; ims1312; ISKNV; poly(I:C)

No. 1285

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Long lasting behavioural effects on cuprizone fed mice after neurotoxicant withdrawal

Behavioural Brain Research v. 363, 2019: p. 38-44
10.1016/j.bbr.2019.01.036

Demyelination; Cuprizone; Motor coordination and anxiety; Neurobehavioral screening; Remyelination

No. 1287

Lyll, Catherine; Tait, Joyce

Beyond the limits to governance: New rules of engagement for the tentative governance of the life sciences

Research Policy v. 48, 2019: p. 1128-1137
10.1016/j.respol.2019.01.009

Life sciences; Consensus; Governance; Public engagement

No. 1282

Charan-Dixon, Hannah; Goldstien, Sharyn J.; Vanderhaven, Beth J.; Halafihi, Tuikolongahau; Tuiano, Tonga Latu; Gaw, Sally; Glover, Chris N.

Effects of traditional fishing techniques on internal organ regeneration, physiology, and biochemistry in the tropical sea cucumber *Stichopus horrens*

Journal of Experimental Marine Biology and Ecology v. 510, 2019: p. 15-22
10.1016/j.jembe.2018.09.007

Energy; Metabolism; Sea cucumber; Regeneration costs; Subsistence fishery

No. 1284

Sheferaw, Desie; Abebe, Rahmeto; Fekadu, Amene; Kassaye, Surafel; Amenu, Kebede; Data, Daniel; Geresu, Ephrem; Olbamo, Getachew; Anjulo, Ayele; Yigebahal, Zelalem; Estiphanos, Esayas; Mekuria, Solomon

Prevalence of bovine trypanosomosis and vector density in a dry season in Gamo-Gofa and Dawuro Zones, Southern Ethiopia

Veterinary Parasitology: Regional Studies and Reports v. 18, 2019: p. 100343
10.1016/j.vprsr.2019.100343

Prevalence; Vector; Cattle; Trypanosomosis; Dawuro; Ethiopia; Gamo-Gofa

No. 1286

Voulgaropoulou, S.D.; van Amelsvoort, T.A.M.J.; Prickaerts, J.; Vingerhoets, C.

The effect of curcumin on cognition in Alzheimer's disease and healthy aging: A systematic review of pre-clinical and clinical studies

Brain Research v. 1725, 2019: p. 146476
10.1016/j.brainres.2019.146476

Cognition; Alzheimer's disease; Aging; Clinical trials; Curcumin (curcuma longa); Preclinical studies

No. 1288

Pinto Filho, J.S.; Cunha, M.V.; Souza, E.J.O.; Santos, M.V.F.; Lira, M.A.; Moura, J.G.; Rodrigues, J.M.C.S.; Silva, C.S.

Performance, carcass features, and non-carcass components of sheep grazed on Caatinga rangeland managed with different forage allowances

Small Ruminant Research v. 174, 2019: p. 103-109
10.1016/j.smallrumres.2019.03.010

Small ruminants; Meat; Pasture; Semi-arid rangeland

No. 1289

Pang, Iok-Hou; Clark, Abbot F.

Inducible rodent models of glaucoma

Progress in Retinal and Eye Research v. , 2019 : p. 100799

10.1016/j.preteyeres.2019.100799

Pathogenesis; Animal model; Rodent; Glaucoma; In vivo; Intraocular pressure

No. 1290

Haghpourast, Elham; Sheibani, Vahid; Abbasnejad, Mehdi; Esmaeili-Mahani, Saeed

Apelin-13 attenuates motor impairments and prevents the changes in synaptic plasticity-related molecules in the striatum of Parkinsonism rats

Peptides v. 117, 2019: p. 170091

10.1016/j.peptides.2019.05.003

Parkinson's disease; Synaptic plasticity; 6-OHDA; Apelin-13; Motor impairment; Striatum

No. 1291

Ribeiro, Gianni; Tangen, Jason M.; McKimmie, Blake M.

Beliefs about error rates and human judgment in forensic science

Forensic Science International v. 297, 2019: p. 138-147

10.1016/j.forsciint.2019.01.034

Accuracy; CSI effect; Error rate; Forensic evidence; Forensic science

No. 1292

Xu, Jia-Wei; Zheng, Li; Li, Li-Juan; Yao, Yu-fei; Hua, He; Yang, Shi-Zhen; Wen, Yi-Fan; Song, Cheng-Chuang; Cao, Xiu-Kai; Liu, Kun-Peng; Zhang, Gui-min; Yang, Jia-meng; Hao, Dan; Dang, Rui-Hua; Lan, Xian-Yong; Lei, Chu-Zhao; Qi, Xing-Lei; Chen, Hong; Huan

Novel copy number variation of the KLF3 gene is associated with growth traits in beef cattle

Gene v. 680, 2019: p. 99-104

10.1016/j.gene.2018.08.040

Growth traits; mRNA expression; gene; Association; Chinese cattle; Copy number variations (CNVs)

No. 1293

Li, Xiang-Guang; Zhu, Min; Chen, Ming-Xia; Fan, Hong-Bo; Fu, Hou-Long; Zhou, Jia-Yi; Zhai, Zhen-Ya; Gao, Chun-Qi; Yan, Hui-Chao; Wang, Xiu-Qi

Acute exposure to deoxynivalenol inhibits porcine enteroid activity via suppression of the Wnt/ β -catenin pathway

Toxicology Letters v. 305, 2019: p. 19-31

10.1016/j.toxlet.2019.01.008

Deoxynivalenol; Porcine; Enteroids; Intestinal stem cells; Wnt / β -catenin pathway

No. 1294

Belà, Benedetta; Coman, Maria Magdalena; Verdenelli, Maria Cristina; Bianchi, Cinzia; Pignataro, Giulia; Fiorini, Dennis; Silvi, Stefania

In vitro fermentation of Cucumis sativus fructus extract by canine gut microbiota in combination with two probiotic strains

Journal of Functional Foods v. 63, 2019: p. 103585

10.1016/j.jff.2019.103585

Fermentation; Prebiotics; Canine gut microbiota; Probiotic strains

No. 1295

Ekawasti, Fitriane; Nurcahyo, Wisnu; Wardhana, April Hari; Shibahara, Tomoyuki; Tokoro, Masaharu; Sasai, Kazumi; Matsubayashi, Makoto

Molecular characterization of highly pathogenic Eimeria species among beef cattle on Java Island, Indonesia

Parasitology International v. 72, 2019: p. 101927

10.1016/j.parint.2019.101927

Indonesia; Cattle; Java Island

No. 1296

Michalak, Izabela

The application of seaweeds in environmental biotechnology

v. , 2019: p.

Aquaculture; Biomonitoring; Bioremediation; Biosorption; Environmental contamination; Seaweeds

No. 1297

Castelo, Paula Midori

Improving the quality of data presentation in health sciences

Archives of Oral Biology v. 98 , 2019 : p. 123-125

10.1016/j.archoralbio.2018.11.016

Statistics; Methods; Research Design

No. 1298

Nakajo, Haruna; Tsuboi, Takashi; Okamoto, Hitoshi

The behavioral paradigm to induce repeated social defeats in zebrafish

Neuroscience Research v. , 2019: p.

10.1016/j.neures.2019.11.004

Chronic stress; Zebrafish; Depression-like state; Habenula; Social conflict; Social defeat model

No. 1299

Moretta, Iolanda; Veronesi, Fabrizia; Diaferia, Manuela; Morganti, Giulia; Giusepponi, Valentina; Sechi, Paola; Ciampelli, Antonio; Cenci-Goga, Beniamino

Epidemiological survey on the occurrence of *Anaplasma phagocytophilum* infection in sheep reared in central Italy

Small Ruminant Research v. 181, 2019: p. 103-106

10.1016/j.smallrumres.2019.06.001

Sheep; Italy

No. 1300

Ludidi, A.; Baloyi, M.C.; Khathi, A.; Sibiya, N.H.; Ngubane, P.S.

The effects of *Momordica balsamina* methanolic extract on haematological function in streptozotocin-induced diabetic rats: Effects on selected markers

Biomedicine & Pharmacotherapy v. 116, 2019: p. 108925

10.1016/j.biopha.2019.108925

Oxidative stress; Streptozotocin; Erythropoiesis; Hyperglycaemia

No. 1301

Hash, Sara; Martinez-Viedma, M. Pilar; Fung, Fred; Han, Jee Eun; Yang, Paul; Wong, Charlene; Doraisamy, Loganathan; Menon, Suresh; Lightner, Donald

Nuclear magnetic resonance biosensor for rapid detection of *Vibrio parahaemolyticus*

Biomedical Journal v. 42, 2019: p. 187-192

10.1016/j.bj.2019.01.009

Aquaculture; Biosensors; Food safety; Nuclear magnetic resonance (NMR)

No. 1302

Carvalho, M.P.N.; Sant'Anna, S.S.; Díaz-Delgado, J.; Grego, K.F.; Gogone, I.C.V.P.; Queiroz-Hazarbassanov, N.G.T.; Catão-Dias, J.L.

Histopathological Findings in the Viscera of Malformed Neotropical Viperids

Journal of Comparative Pathology v. 167, 2019: p. 73-81

10.1016/j.jcpa.2018.10.174

congenital anomalies; teratology

No. 1303

Xin, Xiang-Bo; Yang, Shu-Ping; Li, Xin; Liu, Xin-Feng; Zhang, Lin-Lin; Ding, Xiang-Bin; Zhang, Sheng; Li, Guang-Peng; Guo, Hong

Proteomics insights into the effects of MSTN on muscle glucose and lipid metabolism in genetically edited cattle

General and Comparative Endocrinology v. , 2019: p. 113237

10.1016/j.ygcen.2019.113237

cattle; AMPK; metabolic cross-talk; proteomic

No. 1304

Hövel, Friederike Freiin von; Leiter, Ina; Rumpel, Regina; Langenhagen, Alina; Wedekind, Dirk; Häger, Christine; Bleich, André; Palme, Rupert; Grothe, Claudia

FGF-2 isoforms influence the development of dopaminergic neurons in the murine substantia nigra, but not anxiety-like behavior, stress susceptibility, or locomotor behavior

Behavioural Brain Research v. 374, 2019: p. 112113

10.1016/j.bbr.2019.112113

Behavior; Glucocorticoids; Dopaminergic system development; FGF-2; HMW; LMW

No. 1305

Morin, Elyse L.; Howell, Brittany R.; Meyer, Jerrold S.; Sanchez, Mar M.

Effects of early maternal care on adolescent attention bias to threat in nonhuman primates

Developmental Cognitive Neuroscience v. 38 , 2019 : p. 100643
10.1016/j.dcn.2019.100643

Early life stress; Rhesus monkey; Attention bias

No. 1306

Gray, Travis R.; Dzikiti, Brighton T.; Zeiler, Gareth E.

Effects of hyaluronidase on ropivacaine or bupivacaine regional anaesthesia of the canine pelvic limb

Veterinary Anaesthesia and Analgesia v. 46, 2019: p. 214-225
10.1016/j.vaa.2018.09.041

bupivacaine; femoral nerve block; hyaluronidase; ischiatic nerve block; ropivacaine

No. 1307

Yip, Ping K.; Chapman, George E.; Sillito, Rowland R.; Ip, T.H. Richard; Akhigbe, Georgia; Becker, Stephanie C.; Price, Anthony W.; Michael-Titus, Adina T.; Armstrong, J. Douglas; Tremoleda, Jordi L.

Studies on long term behavioural changes in group-housed rat models of brain and spinal cord injury using an automated home cage recording system

Journal of Neuroscience Methods v. 321, 2019: p. 49-63
10.1016/j.jneumeth.2019.04.005

Behaviour; 3Rs; Traumatic brain injury; Spinal cord injury; Neurotrauma

No. 1308

Weese, J Scott; Salgado-Bierman, Fernando; Rupnik, Maja; Smith, Dale A.; van Coeverden de Groot, Peter

Clostridium (Clostridioides) difficile shedding by polar bears (Ursus maritimus) in the Canadian Arctic

Anaerobe v. 57, 2019: p. 35-38
10.1016/j.anaerobe.2019.03.013

Microbiota; Wildlife; Zoonotic; Polar bear

No. 1309

Infante-Villamil, Sandra; Huerlimann, Roger; Condon, Kelly; Maes, Gregory E.; Jerry, Dean R.

Bacterial signatures of productivity decay in Penaeus monodon ponds infected with PirA toxin

Aquaculture v. 511, 2019: p. 734202
10.1016/j.aquaculture.2019.734202

Aquaculture, PirA; Bacterial microbiome; Pond productivity

No. 1310

Tkaczewska, Joanna; Borczak, Barbara; Piątkowska, Ewa; Kapusta-Duch, Joanna; Morawska, Małgorzata; Czech, Tomasz

Effect of protein hydrolysates from carp (Cyprinus carpio) skin gelatine on oxidative stress biomarkers and other blood parameters in healthy rats

Journal of Functional Foods v. 60, 2019: p. 103411
10.1016/j.jff.2019.06.013

Antioxidant activity; Bioactive peptide; Carp; Gelatine; study

No. 1311

Rutten, Anneleen; Casaer, Jim; Swinnen, Kristijn R.R.; Herremans, Marc; Leirs, Herwig

Future distribution of wild boar in a highly anthropogenic landscape: Models combining hunting bag and citizen science data

Ecological Modelling v. 411, 2019: p. 108804
10.1016/j.ecolmodel.2019.108804

Citizen science; MaxEnt; Sampling bias; Species distribution modelling

No. 1312

Ming, Fan; Cheng, Yanqing; Ren, Chenwei; Suolang, Sizhu; Zhou, Hongbo

Development of a DAS-ELISA for detection of H9N2 avian influenza virus

Journal of Virological Methods v. 263, 2019: p. 38-43
10.1016/j.jviromet.2018.10.014

Hemagglutinin; Monoclonal antibody; Avian influenza virus; DAS-ELISA; H9N2

No. 1313

Yao, Yu-Lin; Yu, Dandan; Xu, Ling; Fan, Yu; Wu, Yong; Gu, Tianle; Chen, Jiaqi; Lv, Long-Bao; Yao, Yong-Gang

Molecular characterization of the 2',5'-oligoadenylate synthetase family in the Chinese tree shrew (*Tupaia belangeri chinensis*)

Cytokine v. 114, 2019 : p. 106-114
10.1016/j.cyto.2018.11.009

Innate immunity; Chinese tree shrew; OAS; RNase L; Virus infection

No. 1314

Roth, Nataliya; Käsbohrer, Annemarie; Mayrhofer, Sigrid; Zitz, Ulrike; Hofacre, Charles; Domig, Konrad J

The application of antibiotics in broiler production and the resulting antibiotic resistance in *Escherichia coli*: A global overview

Poultry Science v. 98, 2019: p. 1791-1804
10.3382/ps/pey539

resistance; poultry; antimicrobial; avian

No. 1315

Simpson, V.R.; Davison, N.J.; Dagleish, M.P.

Causes of Mortality and Lesions Observed Post mortem in European Moles (*Talpa europaea*) in Cornwall, South-west England

Journal of Comparative Pathology v. 167, 2019: p. 18-25
10.1016/j.jcpa.2018.11.006

pathology; european mole ()

No. 1316

Brodowska, Marta; Guzek, Dominka; Jóźwik, Artur; Głąbska, Dominika; Godziszewska, Jolanta; Wojtasik-Kalinowska, Iwona; Zarodkiewicz, Magdalena; Gantner, Magdalena; Wierzbicka, Agnieszka

The effect of high-CO₂ atmosphere in packaging of pork from pigs supplemented with rapeseed oil and antioxidants on oxidation processes

LWT v. 99, 2019: p. 576-582
10.1016/j.lwt.2018.09.077

Anoxic atmosphere packaging; Diet supplementation; Oxidation processes; Pork meat; Superoxide dismutase

No. 1317

Alzoubi, Karem H.; Mayyas, Fadia; Abu Zamzam, Hamza I.

Omega-3 fatty acids protects against chronic sleep-deprivation induced memory impairment

Life Sciences v. 227, 2019: p. 1-7
10.1016/j.lfs.2019.04.028

Hippocampus; Memory impairment; Sleep deprivation; Omega-3 fatty acids

No. 1318

Sullivan, Lauren; Shaffer, Hannah; Hill, Christopher; Del Arco, Alberto

Time-dependent changes in cognitive flexibility performance during intermittent social stress: Relevance for motivation and reward-seeking behavior

Behavioural Brain Research v. 370, 2019: p. 111972
10.1016/j.bbr.2019.111972

Motivation; Corticosterone; Prefrontal cortex; Reward-seeking; Social stress; Time-dependent

No. 1319

Rostami, Behnam; Ebrahimi, Dariush; Sadeghipanah, Hassan; Masoumi, Reza; Shahir, Mohammad Hossein

Effects of supplementation of tris-egg yolk extender with different sugars and antioxidants on freezability of ram semen

Cryobiology v. , 2019: p.
10.1016/j.cryobiol.2019.10.198

Antioxidants; Freezability; Ram semen; Sugars; Tris extender

No. 1320

Zarepourfard, Hamid; Riasi, Ahmad; Frouzanfar, Mohsen; Hajian, Mehdi; Nasr Esfahani, Mohammad Hossein

Pomegranate seed in diet, affects sperm parameters of cloned goats following freezing-thawing

Theriogenology v. 125, 2019: p. 203-209
10.1016/j.theriogenology.2018.10.030

Cloned goats; Essential fatty acids; Pomegranate seed; Semen cryopreservation; Sperm motility

No. 1321

Fu, Congcong; Xia, Yu; Meng, Fan; Li, Fei; Liu, Qiang; Zhao, Heng; Pan, Shinong

MRI Quantitative Analysis of Eccentric Exercise-induced Skeletal Muscle Injury in Rats

Academic Radiology v. , 2019 : p.
10.1016/j.acra.2019.05.011

skeletal muscle; eccentric exercise; rat; serum fsTnI; T2 value

No. 1322

Javdan, Nasim; Ayatollahi, Seyed Abdulmajid; Choudhary, Muhammad Iqbal; Al-Hasani, Safaa; Kobarfard, Farzad; Mokhtarian, Kobra; Khoshmirsafa, Majid; Ata, Athar

Tsc1/Tsc2 complex: A molecular target of capsaicin for protection against testicular torsion induced injury in rats

Chinese Herbal Medicines v. 11, 2019: p. 216-221

10.1016/j.chmed.2019.03.003

capsaicin; cell survival; molecular targets; testicular torsion; Tsc1/Tsc2 complex

No. 1323

Araújo, M.J.; de Miranda, H.H.; Marques, C.A.T.; Batista, I.L.; Carvalho, F.J.V.; de S. Jácome, D.L.; Edvan, R.L.; e Silva, T.P.D.; Bezerra, L.R.; de O. Lima, A.G.V.; Oliveira, R.L.

Effect of replacing ground corn with *Parkia platycephala* pod meal on the performance of lactating Anglo-Nubian goats

Animal Feed Science and Technology v. 258, 2019: p. 114313

10.1016/j.anifeedsci.2019.114313

Digestibility; Milk production; Blood metabolites; Anglo-Nubian; pod meal; Ruminal parameter

No. 1324

Kumar, Mohit; Sandhir, Rajat

Hydrogen sulfide suppresses homocysteine-induced glial activation and inflammatory response

Nitric Oxide v. 90, 2019: p. 15-28

10.1016/j.niox.2019.05.008

Inflammation; Astrocytes; Memory; Hydrogen sulfide; Glia; Homocysteine

No. 1325

Wei, Hui-Qiang; Li, Jin; Sun, Qi; Guo, Xiao-Gang; Wang, Hong-Yue; Yang, Jian-Du; Xie, Hai-Yang; Liang, Jackson J.; Zhang, Shu; Ma, Jian

Safety and efficacy of superior vena cava isolation using the second-generation cryoballoon ablation in a canine model

Journal of Cardiology v. , 2019: p.

10.1016/j.jjcc.2019.08.013

Catheter ablation; Cryoballoon; Phrenic nerve; Sinus node; Superior vena cava; Time to isolation

No. 1326

Gauthier, H.; Swanepoel, N.; Robinson, P.H.

Impacts of incremental substitution of soybean meal for canola meal in lactating dairy cow diets containing a constant base level of corn derived dried distillers' grains with solubles

Animal Feed Science and Technology v. 252, 2019: p. 51-63

10.1016/j.anifeedsci.2019.04.007

Milk production; Amino acids; Microbial protein

No. 1327

Wang, Ke; Cui, Yang; Wang, Zhen; Yan, Hailong; Meng, Zhe; Zhu, Haijing; Qu, Lei; Lan, Xianying; Pan, Chuanying

One 16 bp insertion/deletion (indel) within the KDM6A gene revealing strong associations with growth traits in goat

Gene v. 686, 2019: p. 16-20

10.1016/j.gene.2018.11.010

Goat; Indel; gene; Association; Growth-related traits

No. 1328

Riekkola, Leena; Andrews-Goff, Virginia; Friedlaender, Ari; Constantine, Rochelle; Zerbini, Alexandre N.

Environmental drivers of humpback whale foraging behavior in the remote Southern Ocean

Journal of Experimental Marine Biology and Ecology v. 517, 2019: p. 1-12

10.1016/j.jembe.2019.05.008

Migration; Telemetry; Foraging behavior; Habitat use; Whales

No. 1329

Qin, Yi; Zhang, Mi; Dai, Weifeng; Xiang, Cheng; Li, Baocai; Jia, Qingming

Antidiarrhoeal mechanism study of fulvic acids based on molecular weight fractionation

Fitoterapia v. 137 , 2019 : p. 104270

10.1016/j.fitote.2019.104270

Antidiarrhoeal; Fractionation; Fulvic acids; Mechanism study; Ultrafiltration

No. 1330

Qian, Xiyi; Lai, Yongyong; Zhu, Fei

Molecular characterization of carboxypeptidase B-like (CPB) in *Scylla paramamosain* and its role in white spot syndrome virus and *Vibrio alginolyticus* infection

Fish & Shellfish Immunology v. 94, 2019: p. 434-446

10.1016/j.fsi.2019.09.036

Apoptosis; White spot syndrome virus

No. 1331

Tsai, Kuo-Ting; Chou, Ya-Hui

Random Walk Revisited: Quantification and Comparative Analysis of *Drosophila* Walking Trajectories

iScience v. 19, 2019: p. 1145-1159

10.1016/j.isci.2019.08.054

Biomechanics; Biological Sciences; Biophysics; Evolutionary Biology

No. 1332

Liu, Dingyu; Mariman, Rob; Gerlofs-Nijland, Miriam E.; Boere, John F.; Folkerts, Gert; Cassee, Flemming R.; Pinelli, Elena

Microbiome composition of airborne particulate matter from livestock farms and their effect on innate immune receptors and cells

Science of The Total Environment v. 688, 2019: p. 1298-1307

10.1016/j.scitotenv.2019.06.217

Bacteria; Inflammation; Fungi; Airborne; BioPM; TLR

No. 1333

Aoki, Yuki; Igata, Hideyoshi; Ikegaya, Yuji; Sasaki, Takuya

The Integration of Goal-Directed Signals onto Spatial Maps of Hippocampal Place Cells

Cell Reports v. 27, 2019: p. 1516-1527.e5

10.1016/j.celrep.2019.04.002

hippocampus; place cells; goal-directed behavior; medial septum; theta oscillation

No. 1334

Ashida, Keita; Kato, Taiki; Hotta, Kohji; Oka, Kotaro

Multiple tracking and machine learning reveal dopamine modulation for area-restricted foraging behaviors via velocity change in *Caenorhabditis elegans*

Neuroscience Letters v. 706, 2019: p. 68-74

10.1016/j.neulet.2019.05.011

Machine learning; Dopamine; Foraging; Area-restricted search; Behavioral assay; Inverse reinforcement learning

No. 1335

Swanepoel, N.; Robinson, P.H.

Impacts of feeding a flax-seed based feed supplement on production and health of mid through late lactation multiparous Holstein cows on a commercial dairy farm

Animal Feed Science and Technology v. 258, 2019: p. 114318

10.1016/j.anifeedsci.2019.114318

Digestibility; Culling; Body condition score; Pregnancy; Microbial protein; PUFA

No. 1336

Ehlman, Sean M.; Halpin, Rebecca; Jones, Cameron; Munson, Amelia; Pollack, Lea; Sih, Andrew

Intermediate turbidity elicits the greatest antipredator response and generates repeatable behaviour in mosquitofish

Animal Behaviour v. 158, 2019: p. 101-108

10.1016/j.anbehav.2019.10.006

behavioural syndrome; environmental change; mosquitofish; turbidity

No. 1337

Dai, Pengyuan; Shen, Dan; Shen, Jiakun; Tang, Qian; Xi, Mengxue; Li, Yansen; Li, Chunmei

The roles of Nrf2 and autophagy in modulating inflammation mediated by TLR4 - NFκB in A549 cell exposed to layer house particulate matter 2.5 (PM2.5)

Chemosphere v. 235 , 2019 : p. 1134-1145
10.1016/j.chemosphere.2019.07.002

Oxidative stress; Inflammation; PM; Autophagy; Endoplasmic reticulum stress; Nrf2

No. 1338

Muzumbukilwa, Willy Tambwe; Nlooto, Manimbulu; Owira, Peter Mark Oroma

Hepatoprotective effects of Moringa oleifera Lam (Moringaceae) leaf extracts in streptozotocin-induced diabetes in rats

Journal of Functional Foods v. 57, 2019: p. 75-82

10.1016/j.jff.2019.03.050

Liver; Diabetes; Streptozotocin

No. 1339

Andrade, Felipe SRM.; Facó, Lara L.; Ida, Keila K.; Silva, Luis CLC.; Fantoni, Denise T.; Ambrósio, Aline M.

Effects of 12 and 17 cmH2O positive end-expiratory pressure applied after alveolar recruitment maneuver on pulmonary gas exchange and compliance in isoflurane-anesthetized horses

Veterinary Anaesthesia and Analgesia v. 46, 2019: p. 64-73

10.1016/j.vaa.2018.08.003

horses; hypoxia; lung compliance; pulmonary atelectasis; pulmonary gas exchange

No. 1340

Mat Zauki, Nurul Ashikin; Satyanarayana, Behara; Fairuz-Fozi, Nur; Nelson, Bryan Raveen; Martin, Melissa Beata; Akbar-John, Bavajohn; Chowdhury, Ahmed Jalal Khan

Citizen science frontiers horseshoe crab population regain at their spawning beach in East Peninsular Malaysia

Journal of Environmental Management v. 232, 2019: p. 1012-1020

10.1016/j.jenvman.2018.12.002

Citizen science; Fisheries management; Horseshoe crab; Seasonal ecology; Sedimentation; Shore recovery

No. 1341

Pruskowski, Kaitlin A.; Gurney, Jennifer M.; Cancio, Leopoldo C.

Impact of the implementation of a therapy dog program on burn center patients and staff

Burns v. , 2019: p.

10.1016/j.burns.2019.11.024

Integrative therapy; Rehabilitation; Therapy dog

No. 1342

ZHOU, Ying; ZHANG, Min-hong; FENG, Jing-hai; DIAO, Hua-jie

Effect of relative humidity at chronic temperature on growth performance, glucose consumption, and mitochondrial ATP production of broilers

Journal of Integrative Agriculture v. 18, 2019: p. 1321-1328

10.1016/S2095-3119(19)62584-0

broiler; growth performance; chronic temperature; mitochondrial ATP production; relative humidity

No. 1343

Babich, Olga; Dyshlyuk, Lyubov; Noskova, Svetlana; Sukhikh, Stanislav; Prosekov, Alexander; Ivanova, Svetlana; Pavsky, Valery

In vivo study of the potential of the carbohydrate-mineral complex from pine nut shells as an ingredient of functional food products

Bioactive Carbohydrates and Dietary Fibre v. 18, 2019: p. 100185

10.1016/j.bcdf.2019.100185

Carbohydrate-mineral complex; Functional foods; Pine nut shells; Stimulation of physical activity and endurance

No. 1344

Manlove, Kezia; Branan, Matthew; Baker, Katie; Bradway, Daniel; Cassirer, E. Frances; Marshall, Katherine L.; Miller, Ryan S.; Sweeney, Steven; Cross, Paul C.; Besser, Thomas E.

Risk factors and productivity losses associated with Mycoplasma ovipneumoniae infection in United States domestic sheep operations

Preventive Veterinary Medicine v. 168, 2019: p. 30-38

10.1016/j.prevetmed.2019.04.006

Sheep; Productivity; Prevalence; Respiratory disease

No. 1345

Ogno, Giulia; Rodríguez-Gómez, Irene M.; Canelli, Elena; Ruedas-Torres, Inés; Álvarez, Belén; Domínguez, Javier; Borghetti, Paolo; Martelli, Paolo; Gómez-Laguna, Jaime

Impact of PRRSV strains of different in vivo virulence on the macrophage population of the thymus

Veterinary Microbiology v. 232 , 2019 : p. 137-145
10.1016/j.vetmic.2019.04.016

Virulence; Macrophages; Thymus; Cell death; PRRSV

No. 1346

Liu, Xuemei; Tu, Baijie; Jiang, Xuejun; Xu, Ge; Bai, Lulu; Zhang, Longbin; Meng, Pan; Qin, Xia; Chen, Chengzhi; Zou, Zhen

Lysosomal dysfunction is associated with persistent lung injury in dams caused by pregnancy exposure to carbon black nanoparticles

Life Sciences v. 233, 2019: p. 116741

10.1016/j.lfs.2019.116741

Carbon black nanoparticles; Lysosomal dysfunction; Persistent lung injury; Pregnancy exposure

No. 1347

Gómez, Belinda I.; Harrington, Brenna K.; Chao, Tony; Chung, Kevin K.; Dubick, Michael A.; Boggs, Nathan A.; Burmeister, David M.

Impact of oral resuscitation on circulating and splenic leukocytes after burns

Burns v. , 2019: p.

10.1016/j.burns.2019.08.019

Inflammation; Cytokines; Innate immunity; Spleen; Enteral fluids; Thermal injury; White blood cells

No. 1348

Mekonnen, Getnet Abie; Conlan, Andrew J.K.; Berg, Stefan; Ayele, Birhanu Teshome; Alemu, Alemseged; Guta, Sintayehu; Lakew, Mateios; Tadesse, Biniam; Gebre, Solomon; Wood, James L.N.; Ameni, Gobena

Prevalence of bovine tuberculosis and its associated risk factors in the emerging dairy belts of regional cities in Ethiopia

Preventive Veterinary Medicine v. 168, 2019: p. 81-89

10.1016/j.prevetmed.2019.04.010

Prevalence; Cattle; Risk factors; Bovine tuberculosis; Ethiopia; Emerging dairy sector

No. 1349

Asim, Muhammad; Sarath Babu, V.; Qin, Zhendong; Zhao, Lijuan; Su, Jianguo; Li, Jun; Tu, Jiagang; Kou, Hongyan; Lin, Li

Inhibition of Cyclophilin A on the replication of red spotted grouper nervous necrosis virus associates with multiple pro-inflammatory factors

Fish & Shellfish Immunology v. 92, 2019: p. 172-180

10.1016/j.fsi.2019.05.064

Cytokines; Cyclophilin a; Grouper Fin-1; Molecular cloning; Nervous necrosis virus

No. 1350

Isemin, Rafail; Klimov, Dmitry; Larina, Olga; Sytchev, Georgy; Zaichenko, Victor; Milovanov, Oleg

Application of torrefaction for recycling bio-waste formed during anaerobic digestion

Fuel v. 243, 2019: p. 230-239

10.1016/j.fuel.2019.01.119

Anaerobic digestion; Biomass; Animal waste; Coal; Horse manure; Sewage sludge; Torrefaction

No. 1351

Leo, Antonio; Caro, Carmen De; Nesci, Valentina; Palma, Ernesto; Tallarico, Martina; Iannone, Michelangelo; Constanti, Andrew; Sarro, Giovambattista De; Russo, Emilio; Citraro, Rita

Antiepileptogenic effects of Ethosuximide and Levetiracetam in WAG/Rij rats are only temporary

Pharmacological Reports v. 71, 2019: p. 833-838

10.1016/j.pharep.2019.04.017

Epileptogenesis; Ethosuximide; Absence epilepsy; Depressive behaviour; Levetiracetam

No. 1352

Martini, Mina; Salari, Federica; Licitra, Rosario; La Motta, Concettina; Altomonte, Iolanda

Lysozyme activity in donkey milk

International Dairy Journal v. 96, 2019: p. 98-101

10.1016/j.idairyj.2019.04.009

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Journal of Dairy Science v. 102, 2019 : p. 3501-3511

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calf management; extension education; labor

No. 1354

Bauman, Bradly M.; Buban, Katelyn N.; Russell, Ashley L.; Handa, Robert J.; Wu, T. John

Isoflavones Alter Hypothalamic–Pituitary–Adrenal Axis Response Following Photoperiod Alteration

Neuroscience v. 406, 2019: p. 268-277

10.1016/j.neuroscience.2019.03.013

stress; corticosterone; isoflavones; photoperiod

No. 1355

Adcock, Sarah J.J.; Vieira, Savanah K.; Alvarez, Lorenzo; Tucker, Cassandra B.

Iron and laterality effects on healing of cautery disbudding wounds in dairy calves

Journal of Dairy Science v. 102, 2019: p. 10163-10172

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goat; cattle; animal welfare; dehorning

No. 1356

Momattin, Hisham; Al-Ali, Anfal Y.; Al-Tawfiq, Jaffar A.

A Systematic Review of therapeutic agents for the treatment of the Middle East Respiratory Syndrome Coronavirus (MERS-CoV)

Travel Medicine and Infectious Disease v. 30, 2019: p. 9-18

10.1016/j.tmaid.2019.06.012

Therapy; MERS; Middle east respiratory syndrome coronavirus

No. 1357

Moro, Anderson B.; Pires, Cleber C.; da Silva, Leila P.; Dias, Ana M.O.; Simões, Robson R.; Pilecco, Verônica M.; Mello, Renius de O.; de Aguiar, Luis K.

Prediction of lamb body composition using in vivo bioimpedance analysis

Meat Science v. 150, 2019: p. 1-6

10.1016/j.meatsci.2018.09.013

Sheep; Resistance; Carcass composition; Impedance; Lean mass

No. 1358

Garcia-Silva, Andres; Gomez-Perez, Jose Manuel; Palma, Raul; Krystek, Marcin; Mantovani, Simone; Foglini, Federica; Grande, Valentina; De Leo, Francesco; Salvi, Stefano; Trasatti, Elisa; Romaniello, Vito; Albani, Mirko; Silvagni, Cristiano; Leone, Rosemar

Enabling FAIR research in Earth Science through research objects

Future Generation Computer Systems v. 98, 2019: p. 550-564

10.1016/j.future.2019.03.046

Earth Science; FAIR principles; Research infrastructure; Research objects; Semantic technologies

No. 1359

Bajzert, Joanna; Gorczykowski, Michał; Stefaniak, Tadeusz

Evaluation of the protective effect of immunization spf DBA/2J mice with selected bacterial, recombinant Hsp60 antigens during Salmonella Enteritidis challenge

Microbial Pathogenesis v. 128, 2019: p. 206-214

10.1016/j.micpath.2018.12.045

Subunit vaccine; Recombinant protein; Enteritidis; Experimental challenge; Hsp60

No. 1360

Mennill, Daniel J.; Doucet, Stéphanie M.; Newman, Amy E.M.; Williams, Heather; Moran, Ines G.; Thomas, Ian P.; Woodworth, Bradley K.; Bornais, Mikayla M.K.; Norris, D. Ryan

Eavesdropping on adult vocal interactions does not enhance juvenile song learning: an experiment with wild songbirds

Animal Behaviour v. 155, 2019: p. 67-75

10.1016/j.anbehav.2019.05.019

birdsong; playback; Savannah sparrow; vocal learning

No. 1361

Zhou, Jia-yi; Zhang, Sai-wu; Lin, Hua-lin; Gao, Chun-qi; Yan, Hui-chao; Wang, Xiu-qi

Hydrolyzed wheat gluten alleviates deoxynivalenol-induced intestinal injury by promoting intestinal stem cell proliferation and differentiation via upregulation of Wnt/ β -catenin signaling in mice

Food and Chemical Toxicology v. 131, 2019 : p. 110579
10.1016/j.fct.2019.110579

Differentiation; Deoxynivalenol; Proliferation; Hydrolyzed wheat gluten; Intestine stem cells; Wnt/ β -catenin signaling

No. 1363

Kazavchinsky, Lydmila; Dafna, Anat; Einat, Haim

Individual variability in female and male mice in a test-retest protocol of the forced swim test

Journal of Pharmacological and Toxicological Methods v. 95, 2019: p. 12-15

10.1016/j.vascn.2018.11.007

Bipolar disorder; Depression; Animal models; Antidepressants; Individual variability

No. 1365

Barrière, David André; Ella, Arsène; Adriaensen, Hans; Roselli, Charles E.; Chemineau, Philippe; Keller, Matthieu

In vivo magnetic resonance imaging reveals the effect of gonadal hormones on morphological and functional brain sexual dimorphisms in adult sheep

Psychoneuroendocrinology v. 109, 2019: p. 104387

10.1016/j.psyneuen.2019.104387

Sheep; Sex differences; Gonadectomy; Resting state fMRI; Voxel-based morphometry

No. 1367

Sazmand, Alireza; Harl, Josef; Eigner, Barbara; Hodžić, Adnan; Beck, Relja; Hekmatimoghaddam, Seyedhossein; Mirzaei, Mohammad; Fuehrer, Hans-Peter; Joachim, Anja

Vector-borne bacteria in blood of camels in Iran: New data and literature review

Comparative Immunology, Microbiology and Infectious Diseases v. 65, 2019: p. 48-53

10.1016/j.cimid.2019.04.004

Anaplasma; Dromedary; Review; Tick-borne; Vector-borne

No. 1362

Cardoso, Daniel Barros; Carvalho, Francisco Fernando Ramos de; Medeiros, Geovergue Rodrigues de; Guim, Adriana; Cabral, Ana Maria Duarte; Vêras, Robson Magno Liberal; Santos, Kelly Cristina dos; Dantas, Luan Carlos Nunes; Nascimento, Andreza Guedes de Oli

Levels of inclusion of spineless cactus (*Nopalea cochenillifera* Salm Dyck) in the diet of lambs

Animal Feed Science and Technology v. 247, 2019: p. 23-31

10.1016/j.anifeedsci.2018.10.016

Performance; Sheep; Intake; Forage cactus; Microbial N

No. 1364

Urbanavicius, Jessika; Fabius, Sara; Roncalho, Aline; Joca, Samia; Torterolo, Pablo; Scorza, Cecilia

Melanin-concentrating hormone in the Locus Coeruleus aggravates helpless behavior in stressed rats

Behavioural Brain Research v. 374, 2019: p. 112120

10.1016/j.bbr.2019.112120

Forced swimming test; Prefrontal cortex; Learned helplessness; Noradrenaline

No. 1366

Bryant, Christopher J.; Barnett, Julie C.

What's in a name? Consumer perceptions of in vitro meat under different names

Appetite v. 137, 2019: p. 104-113

10.1016/j.appet.2019.02.021

Meat; Consumer behaviour; Cultured meat; In vitro meat; Nomenclature; Social representations theory

No. 1368

Ghanbari, A.; Vafaei, Abbas A.; Naghibi nasab, F.S.; Attarmoghaddam, M.; Bandegi, A.R.; Moradi- Kor, N.

Spirulina microalgae improves memory deficit induced by scopolamine in male pup rats: Role of oxidative stress

South African Journal of Botany v. 127, 2019: p. 220-225

10.1016/j.sajb.2019.08.045

Oxidative stress; Scopolamine; Memory deficit; Pup rat; Spirulina plathensis

No. 1369

Summerell, A.E.; Frankham, G.J.; Gunn, P.; Johnson, R.N.

DNA based method for determining source country of the short beaked echidna (*Tachyglossus aculeatus*) in the illegal wildlife trade

Forensic Science International v. 295, 2019 : p. 46-53

10.1016/j.forsciint.2018.11.019

DNA; Echidna; Geographic provenance; Illegal wildlife trade; Non-invasive sampling; Wildlife forensics

No. 1370

Watanabe, Shigeru

Analysis of inequality aversion in mice using stress-induced hyperthermia

Learning and Motivation v. 68, 2019: p. 101601

10.1016/j.lmot.2019.101601

Stress; Empathy; Fairness; Hyperthermia

No. 1371

Ramachandran, R.; Vinothkumar, A.; Sankarganesh, D.; Suriyakalaa, U.; Suriya, A.; Kamalakkannan, S.; Nithya, V.; Angayarkanni, J.; Archunan, G.; Akbarsha, M.A.; Achiraman, S.

Detection of estrous biomarkers in the body exudates of Kangayam cattle (*Bos indicus*) from interplay of hormones and behavioral expressions

Domestic Animal Endocrinology v. , 2019: p. 106392

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SDS-PAGE; FSH; Biomarkers; Estrogen; GC-MS; LH

No. 1372

Yoshida, Katsuhiko; Hata, Kenji; Kawakami, Kazuto; Hiradate, Syuntaro; Osawa, Takeshi; Kachi, Naoki

Ecosystem changes following the eradication of invasive species: Evaluation of various eradication scenarios by computer simulation

Ecological Modelling v. 413, 2019: p. 108831

10.1016/j.ecolmodel.2019.108831

Computer simulation; Ecosystem change; Eradication; insular ecosystem; Invasive species; Scenario evaluation

No. 1373

Meagher, Rebecca K.; Beaver, Annabelle; Weary, Daniel M.; von Keyserlingk, Marina A.G.

Invited review: A systematic review of the effects of prolonged cow–calf contact on behavior, welfare, and productivity

Journal of Dairy Science v. 102, 2019: p. 5765-5783

10.3168/jds.2018-16021

growth; animal behavior; animal welfare; maternal care; public attitudes

No. 1374

Wang, Xingyi; Watt, Christine F.; Sinclair, Kevin J.; McKenzie, Charles A.; Staples, James F.; MacCannell, Amanda D.V.

Thermoneutral temperature reduces liver volume but increases fat content in a mammalian hibernator

Journal of Thermal Biology v. 83, 2019: p. 172-177

10.1016/j.jtherbio.2019.05.015

MRI; Ground squirrel; Hibernation; Lipid

No. 1375

Johnson, K.A.; Busdieker-Jesse, N.; McClain, W.E.; Lancaster, P.A.

Feeding strategies and shade type for growing cattle grazing endophyte-infected tall fescue

Livestock Science v. 230, 2019: p. 103829

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Beef cattle; Arginine; Ergot alkaloids; Shade; Tall fescue

No. 1376

Wang, Yihong; Xu, Xuying; Wang, Rubin

The place cell activity is information-efficient constrained by energy

Neural Networks v. 116, 2019: p. 110-118

10.1016/j.neunet.2019.04.001

Constrained optimization of functional; Place cell; Place field; Spatial information

No. 1377

Casuso, Rafael A.; Al-Fazazi, Saad; Hidalgo-Gutierrez, Agustín; López, Luis Carlos; Plaza-Díaz, Julio; Rueda-Robles, Ascensión; Huertas, Jesus R.

Hydroxytyrosol influences exercise-induced mitochondrial respiratory complex assembly into supercomplexes in rats

Free Radical Biology and Medicine v. 134 , 2019 : p. 304-310
10.1016/j.freeradbiomed.2019.01.027

Exercise; Oxidative phosphorylation; Skeletal muscle; Mitochondria; Polyphenols

No. 1378

Park, Byung-Joo; Ahn, Hee-Seop; Han, Sang-Hoon; Go, Hyeon-Jeong; Lee, Joong-Bok; Park, Seung-Yong; Song, Chang-Seon; Lee, Sang-Won; Paik, Hyun-Jong; Choi, Yang-Kyu; Choi, In-Soo

Evaluation of the protective effects of a nanogel-based vaccine against rabbit hepatitis E virus

Vaccine v. 37, 2019: p. 5972-5978

10.1016/j.vaccine.2019.08.029

Vaccine; Rabbit; HEV; Nanogel; Subunit

No. 1379

Morrell, Austin; Tripet, Brian P.; Eilers, Brian J.; Tegman, Megan; Thompson, Damon; Copié, Valérie; Burkhead, Jason L.

Copper modulates sex-specific fructose hepatotoxicity in non-alcoholic fatty liver disease (NALFD) Wistar rat models

The Journal of Nutritional Biochemistry v. , 2019: p. 108316

10.1016/j.jnutbio.2019.108316

No. 1380

Assar, Nasim; Mahmoudi, Dorna; Mousavi, Zahra; Zarrabian, Shahram; Haghparast, Abbas

Role of orexin-1 and -2 receptors within the nucleus accumbens in the acquisition of sensitization to morphine in rats

Behavioural Brain Research v. 373, 2019: p. 112090

10.1016/j.bbr.2019.112090

Rat; Morphine; Sensitization; Nucleus accumbens; Orexin system

No. 1381

Ballová, Zuzana; Pekárik, Ladislav; Piš, Vladimír; Šibík, Jozef

How much do ecosystem engineers contribute to landscape evolution? A case study on Tatra marmots

CATENA v. 182, 2019: p. 104121

10.1016/j.catena.2019.104121

Animal-plant interactions; Burrowing rodent's impact; Ecosystem engineers; Ecosystem processes; Geomorphic agents; Soil disturbance; Zoogeomorphology

No. 1382

Mohamaden, Walaa I.; Zhen-fen, Zhang; Hegab, Ibrahim M.; Shang-li, Shi

Experimental infection in mice with *Erwinia persicina*

Microbial Pathogenesis v. 130, 2019: p. 38-43

10.1016/j.micpath.2019.01.050

Mice; Histopathology; Clinical signs; IL1- β ; TNF- α

No. 1383

Machado, Mizaël; Wilson, Tais Meziara; Ribeiro de Sousa, Davi Emanuel; Lopes Câmara, Antônio Carlos; Furlan, Fernando Henrique; Silva Almeida e Macêdo, Juliana Targino; Pupin, Rayane Chitolina; Amaral de Lemos, Ricardo Antônio; Armien, Anibal G.; Barros,

Fatal lancehead pit viper (*Bothrops* spp.) envenomation in horses

Toxicon v. 170, 2019: p. 41-50

10.1016/j.toxicon.2019.09.022

Horses; Acute kidney injury; Coagulopathy; Endothelial injury; Snake; Snakebite

No. 1384

Grabež, Vladana; Bjelanović, Milena; Rohloff, Jens; Martinović, Aleksandra; Berg, Per; Tomović, Vladimir; Rogić, Biljana; Egelanddal, Bjørg

The relationship between volatile compounds, metabolites and sensory attributes: A case study using lamb and sheep meat

Small Ruminant Research v. 181, 2019: p. 12-20

10.1016/j.smallrumres.2019.09.022

Sheep; Adipose tissue volatiles; Lean meat metabolites; Sensory attributes

No. 1385

Pagano, M.; Vazzana, I.; Gentile, A.; Caracappa, G.; Faggio, C.

Hematological and biochemical parameters in Sea turtles (*Caretta caretta*) after stranding

Regional Studies in Marine Science v. 32, 2019 : p. 100832

10.1016/j.rsma.2019.100832

Biochemical parameters; Hematological parameters; Mediterranean sea; Sea turtle

No. 1387

Cheng, Kang; Yan, Enfa; Song, Zhihua; Li, Simian; Zhang, Hao; Zhang, Lili; Wang, Chao; Wang, Tian

Protective effect of resveratrol against hepatic damage induced by heat stress in a rat model is associated with the regulation of oxidative stress and inflammation

Journal of Thermal Biology v. 82, 2019: p. 70-75

10.1016/j.jtherbio.2019.03.012

Liver; Oxidative stress; Inflammation; Rats; Heat stress; Resveratrol

No. 1389

Gundala, Naveen K.V.; Das, Undurti N.

Arachidonic acid-rich ARASCO oil has anti-inflammatory and antidiabetic actions against streptozotocin + high fat diet induced diabetes mellitus in Wistar rats

Nutrition v. 66, 2019: p. 203-218

10.1016/j.nut.2019.05.007

High-fat diet; Type 2 diabetes mellitus; antioxidant; arachidonic acid; ARASCO oil; lipoxin A4; Polyunsaturated fatty acid

No. 1391

Olszewski, Pawel K.; McColl, Laura K.; Herisson, Florence M.; Klockars, Anica; Levine, Allen S.

Blunted hyperphagic and c-Fos immunoreactivity responsiveness to an orexigen, butorphanol tartrate, in aged rats

Neuroscience Letters v. 711, 2019: p. 134409

10.1016/j.neulet.2019.134409

Feeding; Hypothalamus; Palatability; Opioids; Appetite

No. 1386

Asalgoo, Sara; Pirzad Jahromi, Gila; Hatef, Boshra; Sahraei, Hedayat; Raouf Sarshoori, Javad; Sadr, Seyed Shahabeddin; Meftahi, Gholam Hossein

Saffron (*Crocus sativus*) aqueous extract reverses the hypothalamus-pituitary-adrenal axis activity in rat model of post-traumatic stress disorder

Revista Brasileira de Farmacognosia v. 29, 2019: p. 470-476

10.1016/j.bjp.2019.01.011

Post traumatic stress disorder; Corticosterone; corticotrophin releasing hormone; freezing behavior; glucocorticoid receptor; Saffron aqueous extract

No. 1388

Uzochukwu, I.E.; Amaefule, B.C.; Aba, C.N.; Nnajofofor, N.W.; Machebe, N.S.; Foleng, H.N.

Semen Characteristics and Hematology of Nigerian Local Cocks Fed Varying Dietary Levels of Ethiopian Pepper Fruit Meal

Journal of Applied Poultry Research v. 28, 2019: p. 1106-1114

10.3382/japr/pfz073

chicken; semen quality; artificial insemination; hematology

No. 1390

Yang, X.; Kim, J.; Pangeni, D.; Tekeste, A.; Ren, P.; Manu, H.; Baidoo, S.K.

Ileal digestibility of amino acids in corn condensed distiller's solubles and whole stillage for pigs

Animal Feed Science and Technology v. 255, 2019: p. 114202

10.1016/j.anifeedsci.2019.114202

Digestibility; Pig; Amino acids; Corn condensed distiller's solubles; Corn whole stillage

No. 1392

Taherzadeh, Oliver; Caro, Dario

Drivers of water and land use embodied in international soybean trade

Journal of Cleaner Production v. 223, 2019: p. 83-93

10.1016/j.jclepro.2019.03.068

Animal feed; International soybean trade; Sectoral responsibility; Virtual land trade; Virtual water trade

No. 1393

H'roua, Jihad; Roy, Michaël; Mansouri, Alamin; Mammass, Driss; Bouzit, Ali; Méniel, Patrice; Bekkari, Aissam

Salient Spin Images : an application to archaeozoology for bones recognition

Procedia Computer Science v. 148 , 2019 : p. 590-599
10.1016/j.procs.2019.01.032

performance; 3D object; archaeozoology; clutters; complexity; occlusions; recognition; recognition rate; spin

No. 1395

Wallace, Emma K.; Herrelko, Elizabeth S.; Koski, Sonja E.; Vick, Sarah-Jane; Buchanan-Smith, Hannah M.; Slocombe, Katie E.

Exploration of potential triggers for self-directed behaviours and regurgitation and reingestion in zoo-housed chimpanzees

Applied Animal Behaviour Science v. 221, 2019: p. 104878
10.1016/j.applanim.2019.104878

Animal welfare; Anxiety-related behaviour; Chimpanzees; Regurgitation and reingestion; Scratching; Yawning

No. 1397

Gkias, Ioannis; Kostas-Agnantis, Ioannis; Agathopoulos, Symeon; Papadopoulos, Dimitrios; Vekris, Marios; Gelalis, Ioannis; Gavrielatos, Vasilios; Korompilias, Anastasios

The effect of peripheral nervous system in growing bone biomechanics. An experimental study

Journal of Orthopaedics v. 16, 2019: p. 289-292
10.1016/j.jor.2019.05.003

Biomechanics; Bone; Denervation; Peripheral nervous system

No. 1399

Callegari, Elisa; Domenicali, Marco; Shankaraiah, Ram Charan; D'Abundo, Lucilla; Guerriero, Paola; Giannone, Ferdinando; Baldassarre, Maurizio; Bassi, Cristian; Elamin, Bahaeldin K.; Zagatti, Barbara; Ferracin, Manuela; Fornari, Francesca; Altavilla, Gius

MicroRNA-Based Prophylaxis in a Mouse Model of Cirrhosis and Liver Cancer

Molecular Therapy - Nucleic Acids v. 14, 2019: p. 239-250
10.1016/j.omtn.2018.11.018

carbon tetrachloride; CCl₄; cirrhosis; HCC; hepatocellular carcinoma; microRNAs; prophylaxis; transgenic animals

No. 1394

Oda, Takahiro; Iwakura, Takashi; Fukui, Tomoaki; Oe, Keisuke; Mifune, Yutaka; Hayashi, Shinya; Matsumoto, Tomoyuki; Matsushita, Takehiko; Kawamoto, Teruya; Sakai, Yoshitada; Akisue, Toshihiro; Kuroda, Ryosuke; Niikura, Takahiro

Effects of the duration of transcutaneous CO₂ application on the facilitatory effect in rat fracture repair

Journal of Orthopaedic Science v. , 2019: p.
10.1016/j.jos.2019.09.017

No. 1396

Grigorova, N.; Ivanova, Zh.; Bjorndal, B.; Vachkova, E.; Penchev, G.; Berge, R.; Ribarski, S.; Georgieva, T. Mircheva; Yonkova, P.; Georgiev, I. Penchev

Effect of fish oil supplementation and restricted feeding on body fat distribution and blood lipid profile in a rabbit model of castration-induced obesity

Research in Veterinary Science v. 124, 2019: p. 99-105
10.1016/j.rvsc.2019.02.012

Rabbit; Restricted feeding; Obesity; Blood lipid profile; Fat distribution; Fish oil

No. 1398

Petri, R.M.; Wetzels, S.U.; Kumar, M.; Khiaosa-ard, R.; Zebeli, Q.

Adaptive responses in short-chain fatty acid absorption, gene expression, and bacterial community of the bovine rumen epithelium recovered from a continuous or transient high-grain feeding

Journal of Dairy Science v. 102, 2019: p. 5361-5378
10.3168/jds.2018-15691

bacteria; gene expression; rumen epithelium; ruminal absorption

No. 1400

Sosa, Beatriz; Fontans-Álvarez, Exequiel; Romero, David; da Fonseca, Aline; Achkar, Marcel

Analysis of scientific production on glyphosate: An example of politicization of science

Science of The Total Environment v. 681, 2019: p. 541-550
10.1016/j.scitotenv.2019.04.379

Bibliometrics; Glyphosate; Knowledge generation; Politicization of sciences; Social debate

No. 1401

Bernstein, David I.; Cardin, Rhonda D.; Bravo, Fernando J.; Hamouda, Tarek; Pullum, Derek A.; Cohen, Gary; Bitko, Vira; Fattom, Ali

Intranasal nanoemulsion-adjuvanted HSV-2 subunit vaccine is effective as a prophylactic and therapeutic vaccine using the guinea pig model of genital herpes

Vaccine v. 37, 2019 : p. 6470-6477

10.1016/j.vaccine.2019.08.077

Vaccine; Nanoemulsion; Genital herpes; Herpes simplex virus type 2; NanoVax

No. 1403

Zhang, Siqi; Ireland, Danielle; Sipes, Nisha S.; Behl, Mamta; Collins, Eva-Maria S.

Screening for neurotoxic potential of 15 flame retardants using freshwater planarians

Neurotoxicology and Teratology v. 73, 2019: p. 54-66

10.1016/j.ntt.2019.03.003

Alternative animal models; Developmental neurotoxicity; Flame retardants; OPFRs; Planarian; Polybrominated diphenyl ethers

No. 1405

Cattai, Andrea; Bizzotto, Roberto; Cagnardi, Petra; Di Cesare, Federica; Franci, Paolo

A pharmacokinetic model optimized by covariates for propofol target-controlled infusion in dogs

Veterinary Anaesthesia and Analgesia v. 46, 2019: p. 568-578

10.1016/j.vaa.2019.04.009

dog; anaesthesia; pharmacokinetics; population; propofol; target-controlled infusion

No. 1407

Tang, Ni; Zhang, Xin; Wang, Shuyao; Qi, Jinwen; Tian, Zhengzhi; Wang, Bin; Chen, Hu; Wu, Yuanbing; Wang, Mei; Xu, Shaoqi; Chen, Defang; Li, Zhiqiong

UCN3 suppresses food intake in coordination with CCK and the CCK2R in Siberian sturgeon (*Acipenser baerii*)

Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology v. 234, 2019: p. 106-113

10.1016/j.cbpa.2019.04.022

Food intake; Appetite factors; Cholecystokinin; Cholecystokinin receptor; Urocortin-3

No. 1402

Crighton, Elly; Coghlan, Megan L.; Farrington, Rachael; Hoban, Claire L.; Power, Matthew W.P.; Nash, Christine; Mullaney, Ian; Byard, Roger W.; Trengove, Robert; Musgrave, Ian F.; Bunce, Michael; Maker, Garth

Toxicological screening and DNA sequencing detects contamination and adulteration in regulated herbal medicines and supplements for diet, weight loss and cardiovascular health

Journal of Pharmaceutical and Biomedical Analysis v. 176, 2019: p. 112834

10.1016/j.jpba.2019.112834

Toxicology; Mass spectrometry; Contamination; Adulteration; Complementary and alternative medicine; Diet supplements; DNA metabarcoding; Herbal medicine; Next generation DNA sequencing; Pharmacovigilance

No. 1404

Aboelhadid, Shawky M.; El-Ashram, Saeed; Hassan, Khaled M.; Arafa, Waleed M.; Darwish, Ahmed BahaaEldin

Hepato-protective effect of curcumin and silymarin against *Eimeria stiedae* in experimentally infected rabbits

Livestock Science v. 221, 2019: p. 33-38

10.1016/j.livsci.2019.01.011

Curcumin; Rabbits; Liver function; Silymarin

No. 1406

Reiche, A.-M.; Oberson, J.-L.; Silacci, P.; Messadène-Chelali, J.; Hess, H.D.; Dohme-Meier, F.; Dufey, P.-A.; Terlouw, E.M.C.

Pre-slaughter stress and horn status influence physiology and meat quality of young bulls

Meat Science v. 158, 2019: p. 107892

10.1016/j.meatsci.2019.107892

Animal welfare; Beef cattle; Meat quality; Pre-slaughter stress; Disbudding

No. 1408

Qu, Leilei; Gao, Xubin; Kang, Baolin; He, Mingfeng; Pan, Qiuhui

Population dynamics models based on the transmission mechanism of MCR-1

Physica A: Statistical Mechanics and its Applications v. 515, 2019: p. 310-323

10.1016/j.physa.2018.09.141

Antibiotic resistance; Population dynamics; Mathematic model; Mcr-1; Stability of equilibrium points

No. 1409

Soumeh, E.A.; Mohebodini, H.; Toghyani, M.; Shabani, A.; Ashayerizadeh, A.; Jazi, V.

Synergistic effects of fermented soybean meal and mannan-oligosaccharide on growth performance, digestive functions, and hepatic gene expression in broiler chickens

Poultry Science v. 98 , 2019 : p. 6797-6807
10.3382/ps/pez409

broiler chicken; probiotic; fermented soybean meal; mannan-oligosaccharide; nutrient digestibility

No. 1410

Ajuogu, Peter Kelechi; Mgbere, Osaro O.; Bila, Disere S.; McFarlane, James R.

Hormonal changes, semen quality and variance in reproductive activity outcomes of post pubertal rabbits fed Moringa oleifera Lam. leaf powder

Journal of Ethnopharmacology v. 233, 2019: p. 80-86

10.1016/j.jep.2018.12.036

Rabbit; Fertility hormones; Lam. leaf; Semen quality

No. 1411

Klambatsen, Anthony; Nygard, Stephanie K.; Chang, Anna J.; Quinones, Vanya; Jenab, Shirzad

Sex differences in memory and intracellular signaling after methamphetamine binge treatment

Brain Research v. 1711, 2019: p. 16-22

10.1016/j.brainres.2019.01.010

Sex differences; Methamphetamine; Neurotoxicity

No. 1412

Whitney, Travis Raymond; Sawyer, Jason Eric; Tedeschi, Luis Orlindo; Colombo, Eduardo Antonio

Substituting hammermilled Juniperus spp. for chopped alfalfa hay in steer feedlot diets: Growth performance and blood serum chemistry

Livestock Science v. 227, 2019: p. 1-10

10.1016/j.livsci.2019.06.014

Steers; Feedlot diet; Juniper; Secondary metabolites; Serum chemistry

No. 1413

Park, Yoo-Jin; Pang, Won-Ki; Ryu, Do-Yeal; Song, Won-Hee; Rahman, Md Saidur; Pang, Myung-Geol

Optimized combination of multiple biomarkers to improve diagnostic accuracy in male fertility

Theriogenology v. 139, 2019: p. 106-112

10.1016/j.theriogenology.2019.07.029

Bull fertility; Fertility marker; Male fertility prediction; Marker combination

No. 1414

Linhares, Diana; Pimentel, Adriano; Borges, Cristina; Cruz, José Virgílio; Garcia, Patrícia; dos Santos Rodrigues, Armindo

Cobalt distribution in the soils of São Miguel Island (Azores): From volcanoes to health effects

Science of The Total Environment v. 684, 2019: p. 715-721

10.1016/j.scitotenv.2019.05.359

Health; Cobalt; Deficiency; Geology; Risk; Volcanic island

No. 1415

de Souza Nahúm, Benjamim; Saraiva, Naiara Zoccal; Faturi, Cristian; Maciel e Silva, André Guimarães; Lourenço, José de Brito; Sousa, José Silva de; Amaral, João Maria do; de Paula Nogueira, Guilherme; Mingoti, Gisele Zoccal

Effect of dietary supplementation of palm kernel cake on ovarian and hepatic function in buffalo (Bubalus bubalis)

Animal Reproduction Science v. 204, 2019: p. 76-85

10.1016/j.anireprosci.2019.03.007

Cholesterol; Buffalo; Liver function; Estrous synchronization; Ovsynch

No. 1416

Marcet-Rius, Míriam; Kalonji, Galice; Cozzi, Alessandro; Bienboire-Frosini, Cécile; Monneret, Philippe; Kowalczyk, Izabela; Teruel, Eva; Codecasa, Elisa; Pageat, Patrick

Effects of straw provision, as environmental enrichment, on behavioural indicators of welfare and emotions in pigs reared in an experimental system

Livestock Science v. 221, 2019: p. 89-94

10.1016/j.livsci.2019.01.020

Animal welfare; Ear movement; Pig assessment; Poor welfare; Straw provision; Tail movement

No. 1417

Glikmann-Johnston, Yifat; Carmichael, Anna M.; Mercieca, Emily-Clare; Stout, Julie C.

'Real-life' hippocampal-dependent spatial memory impairments in Huntington's disease

Cortex v. 119 , 2019 : p. 46-60

10.1016/j.cortex.2019.04.006

Animal models; Clinical trials; Cognitive assessment; Premanifest; Temporal lobe

No. 1418

Petry, Éder Ricardo; Dresch, Diego de Freitas; Carvalho, Clarice; Medeiros, Patricia Calçada; Rosa, Tatiana Gomes; de Oliveira, Cleverson Moraes; Martins, Leo Anderson Meira; Schemitt, Elizângela; Bona, Silvia; Guma, Fátima Costa Rodrigues; Marroni, Norma

Oral glutamine supplementation attenuates inflammation and oxidative stress-mediated skeletal muscle protein content degradation in immobilized rats: Role of 70 kDa heat shock protein

Free Radical Biology and Medicine v. 145, 2019: p. 87-102

10.1016/j.freeradbiomed.2019.08.033

Glutamine supplementation; GSH; Hindlimb immobilization; HSP70; Muscle atrophy; Muscle protein content degradation

No. 1419

Zhang, Xiao-Xuan; Ren, Wei-Xin; Tan, Qi-Dong; Hou, Guangyu; Fei, Yu-Chao; Zhao, Li-Juan; Zhao, Quan; Sun, Dongbo

Meta-analysis of Toxoplasma gondii in pigs intended for human consumption in Mainland China

Acta Tropica v. 198, 2019: p. 105081

10.1016/j.actatropica.2019.105081

Prevalence; Pig; China; Odds ratio

No. 1420

Moran, C.A.; Morlacchini, M.; Keegan, J.D.; Rutz, F.; Fusconi, G.

Docosahexaenoic acid enrichment of layer hen tissues and eggs through dietary supplementation with heterotrophically grown Aurantiochytrium limacinum

Journal of Applied Poultry Research v. , 2019: p.

10.1016/j.japr.2019.10.002

layer; DHA; algae; EPA; omega-3

No. 1421

Benatti, C.; Radighieri, G.; Alboni, S.; Blom, J.M.C.; Brunello, N.; Tascadda, F.

Modulation of neuroplasticity-related targets following stress-induced acute escape deficit

Behavioural Brain Research v. 364, 2019: p. 140-148

10.1016/j.bbr.2019.02.023

Stress; Hippocampus; Resilience; Prefrontal cortex; Acute escape deficit; Transcriptional effect

No. 1422

Hu, Fang; Zhou, Zhongzheng; Xu, Quanchen; Fan, Chun; Wang, Lei; Ren, Hao; Xu, Shuo; Ji, Qiuxia; Chen, Xiguang

A novel pH-responsive quaternary ammonium chitosan-liposome nanoparticles for periodontal treatment

International Journal of Biological Macromolecules v. 129, 2019: p. 1113-1119

10.1016/j.ijbiomac.2018.09.057

Histopathology; Animal model; Nanoparticles; Doxycycline; Periodontitis; Plaque biofilm

No. 1423

Saldana, D.J.; Jones, C.M.; Gehman, A.M.; Heinrichs, A.J.

Effects of once- versus twice-a-day feeding of pasteurized milk supplemented with yeast-derived feed additives on growth and health in female dairy calves

Journal of Dairy Science v. 102, 2019: p. 3654-3660

10.3168/jds.2018-15695

dairy calf; feeding frequency; yeast culture

No. 1424

Bailey, Derek W.; Mosley, Jeffrey C.; Estell, Richard E.; Cibils, Andres F.; Horney, Marc; Hendrickson, John R.; Walker, John W.; Launchbaugh, Karen L.; Burritt, Elizabeth A.

Synthesis Paper: Targeted Livestock Grazing: Prescription for Healthy Rangelands

Rangeland Ecology & Management v. 72, 2019: p. 865-877

10.1016/j.rama.2019.06.003

focused grazing; livestock; prescriptive grazing; rangelands; targeted grazing; vegetation manipulation

No. 1425

Alzoubi, Karem H.; Hasan, Zuhair A.; Khabour, Omar F.; Mayyas, Fadia A.; Al Yacoub, Omar N.; Banihani, Saleem A.; Alomari, Mahmoud A.; Alrabadi, Nasr NS

Vitamin E modifies high-fat diet-induced reduction of seizure threshold in rats: Role of oxidative stress

Physiology & Behavior v. 206 , 2019 : p. 200-205

10.1016/j.physbeh.2019.04.011

Vitamin E; Oxidative stress; Rats; High-fat diet; Seizure; PTZ

No. 1427

Ponjarat, Jatupong; Singchat, Worapong; Monkheang, Pansa; Suntronpong, Aorarat; Tawichasri, Panupong; Sillapaprayoon, Siwapech; Ogawa, Satoshi; Muangmai, Narongrit; Baicharoen, Sudarath; Peyachoknagul, Surin; Parhar, Ishwar; Na-Nakorn, Uthairat; Srikulnat

Evidence of dramatic sterility in F1 male hybrid catfish [male *Clarias gariepinus* (Burchell, 1822) × female *C. macrocephalus* (Günther, 1864)] resulting from the failure of homologous chromosome pairing in meiosis I

Aquaculture v. 505, 2019: p. 84-91

10.1016/j.aquaculture.2019.02.035

Apoptosis; Hybrid catfish; Meiosis I; Pachytene; Sterility

No. 1429

Tappenbeck, Nils; Schröder, Hannes M.; Niebergall-Roth, Elke; Hassinger, Fathema; Dehio, Ulf; Dieter, Kathrin; Kraft, Korinna; Kerstan, Andreas; Esterlechner, Jasmina; Frank, Natasha Y.; Scharffetter-Kochanek, Karin; Murphy, George F.; Orgill, Dennis P.;

In vivo safety profile and biodistribution of GMP-manufactured human skin-derived ABCB5-positive mesenchymal stromal cells for use in clinical trials

Cytotherapy v. 21, 2019: p. 546-560

10.1016/j.jcyt.2018.12.005

MSC; ABCB5; biodistribution; GMP; persistence; safety; stem cells; stromal cells; toxicity; tumorigenicity

No. 1431

Rosenfield, Derek A.; Nichi, Marcilio; Losano, João D.A.; Kawai, Giulia; Leite, Roberta F.; Acosta, Alfredo J.; Baquero, Oswaldo Santos; Pizzutto, Cristiane Schilbach

Field-testing a single-dose immunocontraceptive in free-ranging male capybara (*Hydrochoerus hydrochaeris*): Evaluation of effects on reproductive physiology, secondary sexual characteristics, and agonistic behavior

Animal Reproduction Science v. 209, 2019: p. 106148

10.1016/j.anireprosci.2019.106148

Agonistic behavior; Anti-fertility; GonaCon; Immunocontraception; Male capybara; Population control

No. 1426

YANG, Yun-feng; ZHAO, Lu-lu; SHAO, Yu-xin; LIAO, Xiu-dong; ZHANG, Li-yang; LU, Lin; LUO, Xu-gang

Effects of dietary graded levels of cinnamon essential oil and its combination with bamboo leaf flavonoid on immune function, antioxidative ability and intestinal microbiota of broilers

Journal of Integrative Agriculture v. 18, 2019: p. 2123-2132

10.1016/S2095-3119(19)62566-9

broilers; immune responses; antioxidative ability; cecal microbiota; intestinal morphology; plant extracts

No. 1428

Wang, Yilong; Wang, Baojie; Liu, Mei; Jiang, Keyong; Wang, Mengqiang; Wang, Lei

Comparative transcriptome analysis reveals the different roles between hepatopancreas and intestine of *Litopenaeus vannamei* in immune response to aflatoxin B1 (AFB1) challenge

Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology v. 222, 2019: p. 1-10

10.1016/j.cbpc.2019.04.006

Aflatoxin B1; Hepatopancreas; Innate immune system; Intestinal

No. 1430

Xing, Shuang; Wang, Xuejie; Diao, Huajie; Zhang, Minhong; Zhou, Ying; Feng, Jinghai

Changes in the cecal microbiota of laying hens during heat stress is mainly associated with reduced feed intake

Poultry Science v. 98, 2019: p. 5257-5264

10.3382/ps/pez440

feed intake; cecal microbiota; high temperature; laying hen

No. 1432

Bahmani, Nasrin; Mirnejad, Reza; Arabestani, Mohammad Reza; Mohajerie, Parviz; Hashemi, Seyed Hamid; Karami, Manoochehr; Alikhani, Mohammad Yousef

Comparison of PCR-RFLP and PFGE for determining the clonality of *Brucella* isolates from human and livestock specimens

Saudi Journal of Biological Sciences v. 26, 2019: p. 256-262

10.1016/j.sjbs.2017.08.017

PCR; Brucellosis; RFLP; Molecular typing

No. 1433

Ross, L.; Cressman, M.D.; Cramer, M.C.; Pairis-Garcia, M.D.

Validation of alternative behavioral observation methods in young broiler chickens

Poultry Science v. 98 , 2019 : p. 6225-6231

10.3382/ps/pez475

broiler; behavior; scan sampling; tracking software; validation

No. 1434

Siro, Etienne

Adjustments in compound defensive strategies in response to variation in predation risk

Animal Behaviour v. 147, 2019: p. 53-60

10.1016/j.anbehav.2018.10.023

antipredator behaviour; predation; risk allocation; trophic cascades; vigilance

No. 1435

Li, Xue; Wang, Shuyue; Xun, Xiaogang; Zhang, Mengran; Wang, Shi; Li, Hengde; Zhao, Liang; Fu, Qiang; Wang, Huizhen; Li, Tingting; Lian, Shanshan; Xing, Qiang; Li, Xu; Wu, Wei; Zhang, Lingling; Hu, Xiaoli; Bao, Zhenmin

A carotenoid oxygenase is responsible for muscle coloration in scallop

Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids v. 1864, 2019: p. 966-975

10.1016/j.bbalip.2019.03.003

Muscle; Carotenoid coloration; Fine mapping; Scallop

No. 1436

Nunes, André Valle; Peres, Carlos A.; Constantino, Pedro de Araujo Lima; Santos, Bráulio A.; Fischer, Erich

Irreplaceable socioeconomic value of wild meat extraction to local food security in rural Amazonia

Biological Conservation v. 236, 2019: p. 171-179

10.1016/j.biocon.2019.05.010

Ecosystem services; Bushmeat harvest; Household income; Protein consumption; Rainforest; Wildlife conservation

No. 1437

Guo, Huanping; Adjou Moumouni, Paul Franck; Thekisoe, Oriel; Gao, Yang; Liu, Mingming; Li, Jixu; Galon, Eloiza May; Efstratiou, Artemis; Wang, Guanbo; Jirapattharasate, Charoonluk; Ringo, Aaron Edmond; Mtshali, Khethiwe; Inoue, Noboru; Suzuki, Hiroshi; Xu

Genetic characterization of tick-borne pathogens in ticks infesting cattle and sheep from three South African provinces

Ticks and Tick-borne Diseases v. 10, 2019: p. 875-882

10.1016/j.ttbdis.2019.04.008

Sheep; Cattle; South Africa; Tick species; Tick-borne pathogens

No. 1438

Torres-Garcia, Maria Lourdes; Llavore, Lotus D.; Bungay, Alice; Sarol, Jesus D.; Pineda, Riza Rae; Peñas, Kristofer delas

Benzalkonium chloride in an orthodontic adhesive: Its effect on rat enamel demineralization using color-based image analysis

American Journal of Orthodontics and Dentofacial Orthopedics v. 155, 2019: p. 88-97

10.1016/j.ajodo.2018.03.016

No. 1439

Thompson, Francis Cazzeli; Matsumoto, Mariza Akemi; Bigueti, Claudia Cristina; Rennó, Ana Claudia Muniz; de Andrade Holgado, Leandro; Santiago Junior, Joel Ferreira; Munerato, Marcelo Salles; Saraiva, Patrícia Pinto

Distinct healing pattern of maxillary sinus augmentation using the vitroceramic Biosilicate®: Study in rabbits

Materials Science and Engineering: C v. 99, 2019: p. 726-734

10.1016/j.msec.2019.02.011

Animal model; Biomaterials; Wound healing; Sinus floor elevation; Vitroceramic

No. 1440

Wang, Xiao-Shuang; Zhang, Shuai; Xu, Zhen; Zheng, Shu-Qing; Long, Juan; Wang, De-Shou

Genome-wide identification, evolution of ATF/CREB family and their expression in Nile tilapia

Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology v. 237, 2019: p. 110324

10.1016/j.cbpb.2019.110324

Evolution; ATF/CREB family; Duplication; Gonad; Temporal and spatial expression profiles

No. 1441

Matsuu, Aya; Momoi, Yasuyuki; Nishiguchi, Akihiro; Noguchi, Keita; Yabuki, Mihoko; Hamakubo, Emu; Take, Maho; Maeda, Ken

Natural severe fever with thrombocytopenia syndrome virus infection in domestic cats in Japan

Veterinary Microbiology v. 236 , 2019 : p. 108346
10.1016/j.vetmic.2019.06.019

Domestic cat; Emerging disease; Severe fever with thrombocytopenia syndrome

No. 1442

Wang, Yibing; Wang, Yuanyuan; Wang, Baikui; Mei, Xiaoqiang; Jiang, Shouqun; Li, Weifen

Protocatechuic acid improved growth performance, meat quality, and intestinal health of Chinese yellow-feathered broilers

Poultry Science v. 98, 2019: p. 3138-3149
10.3382/ps/pez124

broiler; meat quality; antibiotic status; intestinal health; protocatechuic acid

No. 1443

Ivorra, Lucia; Cruzeiro, Catarina; Chan, Shek Kiu; Tagulao, Karen Araño; Cardoso, Patricia G.

Uptake and depuration kinetics of dicofol metabolite 4,4'-dichlorobenzophenone, in the edible Asiatic clam *Meretrix meretrix*

Chemosphere v. 235, 2019: p. 662-669
10.1016/j.chemosphere.2019.06.155

Bivalves; GC-MS/MS; Organochlorine pesticides; QuEChERS bioconcentration; Seafood

No. 1444

Taslimi, Zahra; Komaki, Alireza; Sarihi, Abdolrahman; Haghparast, Abbas

Effect of acute and chronic restraint stress on electrical activity of prefrontal cortex neurons in the reinstatement of extinguished methamphetamine-induced conditioned place preference: An electrophysiological study

Brain Research Bulletin v. 146, 2019: p. 237-243
10.1016/j.brainresbull.2019.01.013

Prefrontal cortex; Methamphetamine; Acute restraint stress; Chronic restraint stress; Conditioned place preference; Neuronal activity

No. 1445

Drača, Dijana; Mijatović, Sanja; Krajnović, Tamara; Pristov, Jelena Bogdanović; Đukić, Tatjana; Kaluđerović, Goran N.; Wessjohann, Ludger A.; Maksimović-Ivanić, Danijela

The synthetic tubulysin derivative, tubugi-1, improves the innate immune response by macrophage polarization in addition to its direct cytotoxic effects in a murine melanoma model

Experimental Cell Research v. 380, 2019: p. 159-170
10.1016/j.yexcr.2019.04.028

Apoptosis; Cancer; Macrophage polarization; Phosphatidylserine; Tubulysin

No. 1446

Wang, Maya Zhe; Hayden, Benjamin Y.

Monkeys are curious about counterfactual outcomes

Cognition v. 189, 2019: p. 1-10
10.1016/j.cognition.2019.03.009

Curiosity; Risk; Counterfactual; Entropy; Fictive; Gambling; Hypothetical

No. 1447

Lopes, Sávia Caldeira; Silva, Raphaela Ariany; Novais, Marcus Vinícius; Coelho, Larissa Dutra; Ferreira, Lucas Antônio; Souza, Paulo Eduardo; Tedesco, Antônio; Azevedo, Ricardo Bentes; Aguiar, Marta Gontijo; Oliveira, Mônica Cristina

Topical photodynamic therapy with chloroaluminum phthalocyanine liposomes is as effective as systemic pentavalent antimony in the treatment of experimental cutaneous leishmaniasis

Photodiagnosis and Photodynamic Therapy v. 28, 2019: p. 210-215
10.1016/j.pdpdt.2019.08.020

Chloroaluminum phthalocyanine; Cutaneous leishmaniasis; Liposomes; Photodynamic therapy; Topical treatment

No. 1448

Scherer, R.; Gerlach, K.; Südekum, K.-H.

Decision-making of goats when exposed to choice feeding: Triggered by taste or smell?

Applied Animal Behaviour Science v. 210, 2019: p. 46-51
10.1016/j.applanim.2018.10.007

Ruminants; Feed intake behaviour; Forage recognition

No. 1449

Ran, Xuhua; Meng, Xiang-Zhu; Geng, Hong-Li; Chang, Chunlong; Chen, Xiaohong; Wen, Xiaobo; Ni, Hongbo

Generation of porcine *Pasteurella multocida* ghost vaccine and examination of its immunogenicity against virulent challenge in mice

Microbial Pathogenesis v. 132, 2019 : p. 208-214

10.1016/j.micpath.2019.04.016

Vaccine; Porcine; bacterial ghost; Immunogenic analysis

No. 1450

Cichosz, Simon Lebech; Jensen, Morten Hasselstrøm; Hejlesen, Ole

Cognitive impairment in elderly people with prediabetes or diabetes: A cross-sectional study of the NHANES population

Primary Care Diabetes v. , 2019: p.

10.1016/j.pcd.2019.11.005

Cognitive function; Diabetes; Cognitive decline; Prediabetes

No. 1451

Zhai, S.S.; Ruan, D.; Zhu, Y.W.; Li, M.C.; Ye, H.; Wang, W.C.; Yang, L.

Protective effect of curcumin on ochratoxin A-induced liver oxidative injury in duck is mediated by modulating lipid metabolism and the intestinal microbiota

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.10.041

curcumin; duck; intestinal microbiota; liver oxidative injury; ochratoxin A

No. 1452

Jansen, Malte; Schroeders, Ulrich; Lüdtke, Oliver; Marsh, Herbert W.

The dimensional structure of students' self-concept and interest in science depends on course composition

Learning and Instruction v. 60, 2019: p. 20-28

10.1016/j.learninstruc.2018.11.001

Interest; Academic self-concept; Construct differentiation; Dimensionality; Integrated science teaching

No. 1453

Gong, Wenjie; Li, Junhui; Wang, Zunbao; Sun, Jiumeng; Mi, Shijiang; Lu, Zongji; Cao, Jian; Dou, Zhihua; Sun, Yanjun; Wang, Pengjiang; Yuan, Ke; Zhang, Liying; Zhou, Xubin; He, Sun; Tu, Changchun

Virulence evaluation of classical swine fever virus subgenotype 2.1 and 2.2 isolates circulating in China

Veterinary Microbiology v. 232, 2019: p. 114-120

10.1016/j.vetmic.2019.04.001

Evaluation; Pathogenicity; Virulence; CSFV; Field isolate

No. 1454

Xiao, Y.Q.; Shao, D.; Tong, H.B.; Shi, S.R.

Genistein increases progesterone secretion by elevating related enzymes in chicken granulosa cells

Poultry Science v. 98, 2019: p. 1911-1917

10.3382/ps/pey411

estrogenic receptors; genistein; granulosa cells; progesterone

No. 1455

Wang, Qi; Xu, Tingting; Zhao, Xindi; Liu, Dan; Jiang, Guangshun

Innate visual recognition for sympatric carnivores in captive Amur tiger cubs

Applied Animal Behaviour Science v. 218, 2019: p. 104823

10.1016/j.applanim.2019.06.004

Personality; Instinct; Predator recognition; Sympatric carnivores

No. 1456

Vieira, Tânia Martins; Rossi Junior, Wagner Costa; Da Ré Guerra, Flávia; Damião, Bruno; Marques, Petrus Pires; Esteves, Alessandra

Effect of testosterone cypionate and stanozolol on the heart of young trained mice: A morphometric study

Steroids v. 145, 2019: p. 19-22

10.1016/j.steroids.2019.02.011

Heart; Stanozolol; Testosterone cypionate; Ventricle myocardium

No. 1457

Zhang, Haiyan; Yang, Jing; Xiang, Tianyu; Sun, Shuang; Wang, Xiusong; Wang, Xuenan; Li, Min; Guo, Mengnan; Jia, Qingmei; Chen, Dadian; Wang, Min

State-Dependent Spike and Local Field Synchronization between the Thalamic Parafascicular Nucleus and the Dorsal Striatum in a Rat Model of Parkinson's Disease

Neuroscience v. 404 , 2019 : p. 27-38

10.1016/j.neuroscience.2019.01.055

Parkinson's disease; dorsal striatum; parafascicular thalamic nucleus; synchronization

No. 1458

Kremer, Jean Lucas; Melo, Gabriella Pasqual; Marinello, Poliana Camila; Bordini, Heloíza Paranzini; Rossaneis, Ana C.; Sábio, Laís Roberta; Cecchini, Rubens; Cecchini, Alessandra Lourenço; Verri, Waldiceu A.; Luiz, Rodrigo Cabral

Citral prevents UVB-induced skin carcinogenesis in hairless mice

Journal of Photochemistry and Photobiology B: Biology v. 198, 2019: p. 111565

10.1016/j.jphotobiol.2019.111565

Citral; Cancer protection; Hairless mice; Skin cancer; Ultraviolet light

No. 1459

Rizzon Cintra, Maria Christine; Ollhoff, Rüdiger Daniel; Weber, Saulo Henrique; Santos Sotomaior, Cristina

Is the Famacha© system always the best criterion for targeted selective treatment for the control of haemonchosis in growing lambs?

Veterinary Parasitology v. 266, 2019: p. 67-72

10.1016/j.vetpar.2018.12.015

Sheep; Daily weight gain; FAMACHA system

No. 1460

Farhangi, Sahar; Dehghan, Samaneh; Totonchi, Mehdi; Javan, Mohammad

In vivo conversion of astrocytes to oligodendrocyte lineage cells in adult mice demyelinated brains by Sox2

Multiple Sclerosis and Related Disorders v. 28, 2019: p. 263-272

10.1016/j.msard.2018.12.041

Myelin repair; conversion; Neural progenitors; Oligodendrocyte progenitor cell; Reactive astrocytes; Sox2 transcription factor

No. 1461

Dekel, Amir; Yakir, Esther; Bohbot, Jonathan D.

The sulcatone receptor of the strict nectar-feeding mosquito *Toxorhynchites amboinensis*

Insect Biochemistry and Molecular Biology v. 111, 2019: p. 103174

10.1016/j.ibmb.2019.05.009

Insect repellent; Odorant receptor; Olfaction

No. 1462

Roshanzamir, Habiballah; Rezaei, Javad; Fazaeli, Hassan

Colostrum and milk performance, and blood immunity indices and minerals of Holstein cows receiving organic Mn, Zn and Cu sources

Animal Nutrition v. , 2019: p.

10.1016/j.aninu.2019.08.003

Performance; Cattle; Immunity; Antioxidant status; Organic trace minerals

No. 1463

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Journal of Photochemistry and Photobiology B: Biology v. 194, 2019: p. 6-13

10.1016/j.jphotobiol.2019.03.006

Estradiol valerate; Ovarian follicles; Photobiomodulation therapy; Polycystic ovary syndrome 1

No. 1464

Sehati, Ronak; Kazemi, Parinaz; Zandi, Ghazaleh; Mahdavinezhad, Forough; Sarmadi, Fatemeh; Fayazi, Samaneh; Hajarian, Hadi; Dashtizad, Mojtaba

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Reproductive Biology v. 19, 2019: p. 158-164

10.1016/j.repbio.2019.05.001

blastocyst; gene expression; artificial collapse; vitrification

No. 1465

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Neurochemistry International v. 131, 2019 : p. 104531

10.1016/j.neuint.2019.104531

Oxidative stress; Alzheimer's disease; Neuroprotection; Embryonic proteoglycans; Monoamines

No. 1467

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Influence of commercial yeast products in diets for beef cattle new to the feedlot environment

Applied Animal Science v. 35, 2019: p. 491-497

10.15232/aas.2019-01847

health; performance; bovine respiratory disease; receiving calves

No. 1469

Santagata, Remo; Viglia, Silvio; Fiorentino, Gabriella; Liu, Gengyuan; Ripa, Maddalena

Power generation from slaughterhouse waste materials. An emergy accounting assessment

Journal of Cleaner Production v. 223, 2019: p. 536-552

10.1016/j.jclepro.2019.03.148

Animal by-products; Bio-refinery; Electricity generation; Emergy accounting; Resource recovery; Waste management

No. 1471

Oliveira, Maria Emilia Franco; Fonseca, Jeferson Ferreira; Vicente, Wilter Ricardo Russiano; Rodrigues, Naiara Nantes; Vergani, Gabriel Brun; Souza-Fabjan, Joanna Maria Gonçalves; Jamieson, Mark; Cristescu, Ada; Murawski, Maciej; Bartlewski, Pawel Mieczys

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Reproductive Biology v. 19, 2019: p. 394-403

10.1016/j.repbio.2019.11.004

Sheep; Superovulation; Doppler ultrasonography; Estradiol benzoate; Ovarian artery

No. 1466

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Thinking Skills and Creativity v. 31, 2019: p. 296-322

10.1016/j.tsc.2018.12.008

Creativity; Creative pedagogy; Diffractive analysis; Embodied dialogic space; Science-arts

No. 1468

El-Senousey, HebatAllah Kasem; Wang, Weiwei; Wang, Yibing; Fan, Qiuli; Fouad, Ahmed Mohamed; Lin, Xiajing; Gou, Zhongyong; Li, Long; Jiang, Shouqun

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Journal of Applied Poultry Research v. 28, 2019: p. 974-981

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metabolizable energy; performance; carcass trait; fat deposition; yellow-feathered broiler

No. 1470

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Prevalence and risk factors associated with gastrointestinal parasites in ruminant livestock in the Coastal Savannah zone of Ghana

Acta Tropica v. 199, 2019: p. 105126

10.1016/j.actatropica.2019.105126

Prevalence; Risk factors; Gastrointestinal parasites; Ghana; Ruminant livestock

No. 1472

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Nociceptor-dependent locomotor dysfunction after clinically-modeled hindlimb muscle stretching in adult rats with spinal cord injury

Experimental Neurology v. 318, 2019: p. 267-276

10.1016/j.expneurol.2019.03.006

Spinal cord injury; Locomotor function; Muscle stretch; Nociceptors; Physical therapy

No. 1473

Qu, Daofeng; Lu, Shiyao; Wang, Peng; Jiang, Mengxue; Yi, Songqiang; Han, Jianzhong

Analysis of CRISPR/Cas system of *Proteus* and the factors affected the functional mechanism

Life Sciences v. 231, 2019: p. 116531
10.1016/j.lfs.2019.06.006

Cas; CRISPR; Mobile genetic element; Proteus; Spacer

No. 1474

Trotter, Austin; Anstadt, Emily; Clark, Robert B.; Nichols, Frank; Dwivedi, Alok; Aung, Koko; Cervantes, Jorge L.

The role of phospholipase A2 in multiple Sclerosis: A systematic review and meta-analysis

Multiple Sclerosis and Related Disorders v. 27, 2019: p. 206-213
10.1016/j.msard.2018.10.115

No. 1475

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An energy and monensin supplement reduces methane emission intensity of stocker cattle grazing winter wheat**Mention of trade names or commercial products in this article is solely for the purpose of providing specific information and does not imply recom

Applied Animal Science v. 35, 2019: p. 433-440
10.15232/aas.2018-01841

wheat pasture; energy supplementation; enteric methane; grazing; GreenFeed

No. 1476

Ommati, Mohammad Mehdi; Farshad, Omid; Jamshidzadeh, Akram; Heidari, Reza

Taurine enhances skeletal muscle mitochondrial function in a rat model of resistance training

PharmaNutrition v. 9, 2019: p. 100161
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Energy metabolism; Muscle atrophy; Amino acid; Bioenergetics; Skeletal muscle performance

No. 1477

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Small Ruminant Research v. 175, 2019: p. 57-64
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Tissue; Balance; GSH-Px; Na selenite; Se-Methionine; Se-Yeast

No. 1478

Chen, Xiaoyun; Zhang, Xiaofeng; Zhao, Jing; Tang, Xueyou; Wang, Fengqin; Du, Huahua

Split iron supplementation is beneficial for newborn piglets

Biomedicine & Pharmacotherapy v. 120, 2019: p. 109479
10.1016/j.biopha.2019.109479

Oxidative stress; Iron deficiency; Iron supplementation; Newborn piglets

No. 1479

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Pelagic citizen science data reveal declines of seabirds off south-eastern Australia

Biological Conservation v. 235, 2019: p. 226-235
10.1016/j.biocon.2019.05.007

Seasonality; Citizen science; Climate change; East Australian Current; Environmental drivers; Seabirds; Species archetype modelling

No. 1480

Corballis, Michael C.

Mental time travel, language, and evolution

Neuropsychologia v. 134, 2019: p. 107202
10.1016/j.neuropsychologia.2019.107202

Language; Evolution; Hippocampus; Memory; Imagination; Mental time travel

No. 1481

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Effects of welding fumes on haematological parameters of male albino rats (*Rattus norvegicus*)

Biochemistry and Biophysics Reports v. 19, 2019 : p. 100651
10.1016/j.bbrep.2019.100651

Toxicity; Determination; Haematological; Welding fumes

No. 1482

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Biomedicine & Pharmacotherapy v. 110, 2019: p. 74-84

10.1016/j.biopha.2018.11.033

catalase; Dismutase; necrosis; pancreatic damage; type 2 diabetes

No. 1483

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The effect of exercise on GABA signaling pathway in the model of chemically induced seizures

Life Sciences v. 232, 2019: p. 116667

10.1016/j.lfs.2019.116667

Exercise; GABA; Hippocampus; Brain; Seizure; Epilepsy

No. 1484

Goławska, Olga; Zajac, Magdalena; Maluta, Aleksandra; Pristas, Peter; Hamarová, Ľudmila; Wasyl, Dariusz

Complex bacterial flora of imported pet tortoises deceased during quarantine: Another zoonotic threat?

Comparative Immunology, Microbiology and Infectious Diseases v. 65, 2019: p. 154-159

10.1016/j.cimid.2019.05.007

Antimicrobial resistance; spp.; Tortoises

No. 1485

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Effect of manganese source on manganese absorption and expression of related transporters in the small intestine of broilers

Poultry Science v. 98, 2019: p. 4994-5004

10.3382/ps/pez293

broiler; amino acid and peptide transporter; divalent metal transporter 1; ferroportin 1; manganese absorption

No. 1486

Zaniewska, Magdalena; Gawliński, Dawid; Wyczęsana, Maria; Nowak, Ewa; Kula, Karol; Maciów-Głąb, Martyna; Jastrzębska, Joanna; Sadakierska-Chudy, Anna; Bader, Michael; Fuxe, Kjell

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Neuroscience v. 418, 2019: p. 133-148

10.1016/j.neuroscience.2019.08.030

A receptor overexpression; a two-bottle choice test; forced swim test; intermittent access to alcohol; locomotor activity

No. 1487

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Animal Feed Science and Technology v. 247, 2019: p. 222-233

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Carcass; Zebu; Length; Papillae; Protocol

No. 1488

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Vaccine: X v. 3, 2019: p. 100041

10.1016/j.jvacx.2019.100041

Brucellosis; Swine; Vaccine safety; S19; S19Δ

No. 1489

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Postnatal early overfeeding induces cardiovascular dysfunction by oxidative stress in adult male Wistar rats

Life Sciences v. 226 , 2019 : p. 173-184

10.1016/j.lfs.2019.04.018

Obesity; Cardiac dysfunction; Cardiac remodeling; Postnatal overfeeding; Vascular dysfunction

No. 1491

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International Journal of Biological Macromolecules v. 125, 2019: p. 485-495

10.1016/j.ijbiomac.2018.12.070

Antibacterial activity; Fu-F2

No. 1493

Raissi, Vahid; Bayat, Fatemeh; Taghipour, Ali; Raiesi, Omid; Ibrahim, Asmaa; Getso, Muhammad; Hoseiny, Ziba; Alizadeh, Gita; Shahraki, Mehdi Khoshshima; Etemadi, Soudabeh

Seroepidemiology and risk factors of toxoplasmosis among children age ranged from 1 to 14 years referred to medical diagnostic laboratories in Southeast Iran

Clinical Epidemiology and Global Health v. , 2019: p.

10.1016/j.cegh.2019.12.009

Children; Toxoplasmosis; Seroprevalence; Iran; Sistan and Baluchistan

No. 1495

Kinjo, Tomoya; Ito, Masanobu; Seki, Tatsunori; Fukuhara, Takeshi; Bolati, Kuerban; Arai, Heii; Suzuki, Toshihito

Prenatal exposure to valproic acid is associated with altered neurocognitive function and neurogenesis in the dentate gyrus of male offspring rats

Brain Research v. 1723, 2019: p. 146403

10.1016/j.brainres.2019.146403

ADHD; Neurogenesis; Epilepsy; ASD; Prenatal toxicity; Valproic acid

No. 1490

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Cellular preservation of excysting developmental stages of new eukaryotes from the early Ediacaran Weng'an Biota

Palaeoworld v. 28, 2019: p. 461-468

10.1016/j.palwor.2019.05.005

Ediacaran; Weng'an Biota; Acritarch; Eukaryote; Excystment mechanism

No. 1492

Potash, Alex D.; Conner, L. Mike; McCleery, Robert A.

Vertical and horizontal vegetation cover synergistically shape prey behaviour

Animal Behaviour v. 152, 2019: p. 39-44

10.1016/j.anbehav.2019.04.007

antipredator behaviour; enclosure; fox squirrel; predation risk

No. 1494

Eliezer, Yifat; Deshe, Noa; Hoch, Lihi; Iwanir, Shachar; Pritz, Christian O.; Zaslaver, Alon

A Memory Circuit for Coping with Impending Adversity

Current Biology v. 29, 2019: p. 1573-1583.e4

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The efficacy of topical agents used in wounds for managing chronic biofilm infections: A systematic review

Journal of Infection v. , 2019: p.

10.1016/j.jinf.2019.12.017

Infection; Biofilm; Chronic wound; Topical agent

No. 1497

Cunha, Michel Santos e; Bonato, Denis Vinícius; Vrisman, Dayane Priscila; Taira, Augusto Ryonosuke; Borges, Luisa Pucci Bueno; Albuquerque, Rodrigo dos Santos; Coutinho, Leandro Nassar; da Silva, Marlon Richard Hilário; Neumann, Mikael; Teixeira, Pedro Pa

Histopathological and ultrasonographic testicular evaluation of young bulls fed a hyperenergetic diet

Livestock Science v. 225 , 2019 : p. 85-90

10.1016/j.livsci.2019.04.006

Cattle; Ultrasound; Histology; Degeneration; Testicular stroma

No. 1498

Pol, Suyog; Schweser, Ferdinand; Bertolino, Nicola; Preda, Marilena; Sveinsson, Michele; Sudyn, Michelle; Babek, Natan; Zivadinov, Robert

Characterization of leptomeningeal inflammation in rodent experimental autoimmune encephalomyelitis (EAE) model of multiple sclerosis

Experimental Neurology v. 314, 2019: p. 82-90

10.1016/j.expneurol.2019.01.013

Inflammation; MRI; Multiple sclerosis; EAE; Leptomeningeal enhancement

No. 1499

Wang, Wei; Mu, Shuwen; Xu, Weiming; Liang, Shengxiang; Lin, Ruhui; Li, Zuanfang; Liu, Qinghong; Yi, Gaocheng; Xue, Liang; Wang, Shousen

Establishment of a Rat Model of Superior Sagittal-Sinus Occlusion and Recanalization via a Thread-Embolism Method

Neuroscience v. 416, 2019: p. 41-49

10.1016/j.neuroscience.2019.07.044

animal model; brain edema; collateral circulation; CVST; recanalization

No. 1500

Lin, Xingyan; Wang, Qilin; He, Mingguang

Repeated retinal photocoagulation in monkeys for the optimization of a laser-induced choroidal neovascularization model

Experimental Eye Research v. 184, 2019: p. 1-7

10.1016/j.exer.2019.03.020

Choroidal neovascularization; Laser; Monkey

No. 1501

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Reversal of Schizophrenia-like Symptoms and Cholinergic Alterations by Melatonin

Archives of Medical Research v. 50, 2019: p. 295-303

10.1016/j.arcmed.2019.08.005

Schizophrenia; Melatonin; Dopamine; Cholinergic changes; Cognitive impairment; Mk-801

No. 1502

Asser, Andres; Köks, Sulev; Soomets, Ursel; Terasmaa, Anton; Sauk, Martin; Eltermaa, Mall; Piip, Piret; Ubhayasekera, Kumari; Bergquist, Jonas; Taba, Pille

Acute effects of methcathinone and manganese in mice: A dose response study

Heliyon v. 5, 2019: p. e02475

10.1016/j.heliyon.2019.e02475

Toxicology; Neuroscience; Manganese; Behavioral neuroscience; Dose-response relationship; Ephedrone; Methcathinone; Nervous system; Neurotoxicology; Toxic parkinsonism

No. 1503

Luz, Joaldo Rocha; Ramos, Ana Paula Souza; Melo, José Fernando Bibiano; Braga, Luís Gustavo Tavares

Use of sodium butyrate in the feeding of Arapaima gigas (Schinz, 1822) juvenile

Aquaculture v. 510, 2019: p. 248-255

10.1016/j.aquaculture.2019.05.065

Performance; Additive; Blood parameters; Enzymatic activity; Intestinal villi

No. 1504

de Freitas Souza, Carine; Baldissera, Matheus D.; Abbad, Lorenzo B.; da Rocha, Maria Izabel U.M.; da Veiga, Marcelo L.; da Silva, Aleksandro S.; Baldisserotto, Bernardo

Purinergic signaling creates an anti-inflammatory profile in spleens of grass carp Ctenopharyngodon idella naturally infected by Saprolegnia parasitica: An attempt to prevent ATP pro-inflammatory effects

Microbial Pathogenesis v. 135, 2019: p. 103649

10.1016/j.micpath.2019.103649

Inflammation; Disease pathogenesis; Fungal disease; Natural infection; Saprolegniosis

No. 1505

Fuentes-Castillo, Danny; Farfán-López, Mariella; Esposito, Fernanda; Moura, Quêzia; Fernandes, Miriam R.; Lopes, Ralf; Cardoso, Brenda; Muñoz, Maria E.; Cerdeira, Louise; Najle, Ignacia; Muñoz, Patricio M.; Catão-Dias, José L.; González-Acuña, Daniel; Lin

Wild owls colonized by international clones of extended-spectrum β -lactamase (CTX-M)-producing *Escherichia coli* and *Salmonella* *Infantis* in the Southern Cone of America

Science of The Total Environment v. 674 , 2019 : p. 554-562
10.1016/j.scitotenv.2019.04.149

Antibiotic resistance; Wildlife; Heavy metals; Environmental contamination; . Infantis ST32; Birds

No. 1507

Siviter, Harry; Deeming, D. Charles; Wilkinson, Anna

Egg incubation temperature influences the growth and foraging behaviour of juvenile lizards

Behavioural Processes v. 165, 2019: p. 9-13

10.1016/j.beproc.2019.06.003

Growth; Behaviour; Foraging; Incubation temperature; Lizard; Reptile

No. 1509

O'Driscoll, Keelin; Lewis, Eva; Kennedy, Emer

Effect of feed allowance at pasture on the lying behaviour of dairy cows

Applied Animal Behaviour Science v. 213, 2019: p. 40-46

10.1016/j.applanim.2019.02.002

Pasture; Dairy cow; Feed restriction; Lying

No. 1511

van den Berg, I.; Meuwissen, T.H.E.; MacLeod, I.M.; Goddard, M.E.

Predicting the effect of reference population on the accuracy of within, across, and multibreed genomic prediction

Journal of Dairy Science v. 102, 2019: p. 3155-3174

10.3168/jds.2018-15231

genomic prediction; across-breed prediction; multibreed prediction; prediction accuracy; reference population

No. 1506

McKenna, Lisa; Sharifi, Ahmad Reza; Gerken, Martina

Behavioural and cardiac responses towards different novel objects in juvenile female and male pigs (*Sus scrofa*)

Applied Animal Behaviour Science v. 215, 2019: p. 13-20

10.1016/j.applanim.2019.04.001

Pigs; Heart rate variability; Heart rate; Cardiac parameters; Exploratory behaviour; Novel object test

No. 1508

Saleem, Hammad; Zengin, Gokhan; Locatelli, Marcello; Ahmad, Irshad; Khaliq, Saharish; Mahomoodally, Mohamad Fawzi; Hussain, Riaz; Rengasamy, Kannan R.R.; Mollica, Adriano; Zainal Abidin, Syafiq Asnawi; Ahemad, Nafees

Pharmacological, phytochemical and in-vivo toxicological perspectives of a xero-halophyte medicinal plant: *Zaleya pentandra* (L.) Jeffrey

Food and Chemical Toxicology v. 131, 2019: p. 110535

10.1016/j.fct.2019.05.043

Toxicity; Antioxidant; Bioactive contents; Enzyme inhibition

No. 1510

Sekar, Sakthivel; Grandjean, Joanes; Garnell, Joanne FV.; Willems, Roland; Duytschaever, Hilde; Seramani, Sankar; Su, Huang; Ver Donck, Luc; Bhakoo, Kishore K.

Neuro-metabolite profiles of rodent models of psychiatric dysfunctions characterised by MR spectroscopy

Neuropharmacology v. 146, 2019: p. 109-116

10.1016/j.neuropharm.2018.11.021

Depression; Stress; Memantine; MR spectroscopy; Psychosis

No. 1512

Do, Catherine; Drel, Viktor; Tan, Chunyan; Lee, Doug; Wagner, Brent

Nephrogenic Systemic Fibrosis Is Mediated by Myeloid C-C Chemokine Receptor 2

Journal of Investigative Dermatology v. 139, 2019: p. 2134-2143.e2

10.1016/j.jid.2019.03.1145

No. 1513

Scollo, A.; Bresciani, C.; Romano, G.; Tagliaferri, L.; Righi, F.; Parmigiani, E.; Mazzoni, C.

A novel blood-sampling technique in lactating sows: The mammary vein route

The Veterinary Journal v. 254 , 2019 : p. 105397
10.1016/j.tvjl.2019.105397

Sow; Welfare; Blood samples; Labour; Mammary vein

No. 1515

Catalão, Carlos Henrique Rocha; Souza, Anderson Oliveira; Santos-Júnior, Nilton Nascimento; da Silva, Stephanya Covas; da Costa, Luís Henrique Angenendt; Alberici, Luciane Carla; Rocha, Maria José Alves; da Silva Lopes, Luiza

Kaolin-induced hydrocephalus causes acetylcholinesterase activity dysfunction following hypothalamic damage in infant rats

Brain Research v. 1724, 2019: p. 146408
10.1016/j.brainres.2019.146408

Hypothalamus; Acetylcholinesterase enzyme; Experimental hydrocephalus; Neuroendocrine dysfunction

No. 1517

Rume, Veronica Nwankpa; Dundon, William G.; Belay, Gurja; Baziki, Jean-de-Dieu; Diakite, Adama; Paul, Ankeli; Tessema, Yebchaye Degefa; Nwankpa, Nick; Gizaw, Daniel; Cattoli, Giovanni; Bodjo, Sanne Charles; Tessema, Tesfaye Sisay

Molecular epidemiological update of Peste des Petits Ruminants virus (PPRV) in Ethiopia

Veterinary Microbiology v. 235, 2019: p. 229-233
10.1016/j.vetmic.2019.07.006

RT-PCR; Ethiopia; Lineage III; Lineage IV; Peste des Petits Ruminants virus; Phylogenetic analysis

No. 1519

Piotrowski, Jakub; Jędrzejewski, Tomasz; Pawlikowska, Małgorzata; Wrotek, Sylwia; Kozak, Wiesław

High mobility group box 1 protein released in the course of aseptic necrosis of tissues sensitizes rats to pyrogenic effects of lipopolysaccharide

Journal of Thermal Biology v. 84, 2019: p. 36-44
10.1016/j.jtherbio.2019.05.028

Rat; Cytokines; Lipopolysaccharide; Fever; High mobility group box protein 1; Turpentine

No. 1514

de Carvalho, Ravena Carolina; Prado, Lara; Rissardo Oliveira, Naynne Cristina; Vilela Giusti, Fabiana Cardosos; Santos Vieira, Jádina; Giusti-Paiva, Alexandre; da Silva, Josie Resende Torres; da Silva, Marcelo Lourenço

Repeated neonatal needle-prick stimulation increases inflammatory mechanical hypersensitivity in adult rats

International Journal of Developmental Neuroscience v. 78, 2019: p. 191-197

10.1016/j.ijdevneu.2019.02.004

Pain; Neonatal pain; Newborn; Rat pups; Repetitive pain

No. 1516

Moradi-Kor, Nasroallah; Ghanbari, Ali; Rashidipour, Hadi; Yousefi, Behpour; Bandegi, Ahmad Reza; Rashidy-Pour, Ali

Beneficial effects of *Spirulina platensis*, voluntary exercise and environmental enrichment against adolescent stress induced deficits in cognitive functions, hippocampal BDNF and morphological remodeling in adult female rats

Hormones and Behavior v. 112, 2019: p. 20-31
10.1016/j.yhbeh.2019.03.004

Environmental enrichment; Dendritic remodeling; Adolescent stress; Cognition exercise

No. 1518

Song, Seok-Hwan; Lee, Kyeong-Lim; Xu, Lianguang; Joo, Myeong-Don; Hwang, Ji-Yoon; Oh, Seon-Hwa; Kong, Il-Keun

Production of cloned cats using additional complimentary cytoplasm

Animal Reproduction Science v. 208, 2019: p. 106125
10.1016/j.anireprosci.2019.106125

Feline; Cloned offspring; Cloning efficiency; Cytoplasm injection cloning technology; Somatic cell nuclear transfer

No. 1520

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RNA-Seq; Anthocyanins; cv. Mott; cv. Purple; LC-MS

No. 1521

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Amiodarona; Amiodarone; Brain ischemia; Isquemia cerebral; Reanimación; Resuscitation

No. 1522

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Milk production; Mathematical models; Nutritional systems

No. 1523

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feral horse management; free-roaming horses; Indigenous perspectives; Rocky Mountain Forest Reserve (RMFR)

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personality; repeatability; activity sensors; brown bear; GPS collar; multivariate mixed model

No. 1525

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Profiling of cellular immune responses to Mycoplasma pulmonis infection in C57BL/6 and DBA/2 mice

Infection, Genetics and Evolution v. 73, 2019: p. 55-65

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Cytokine; Susceptibility; Cellular immune response; Inbred mouse; Pneumonia

No. 1526

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Survey; Collaboration; Culinary science; Dialogue; Science and gastronomy; Transdisciplinary

No. 1527

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Parasitology International v. 70, 2019: p. 77-81

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PCR; Ectoparasites; Dairy cattle; Dairy water buffalo

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oxidative stress; antioxidant; anthocyanin

No. 1529

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Pigs; DNA vaccine; Immunoinformatics; Influenza A virus; Intradermal vaccination; Prime boosting; T cell epitope

No. 1531

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Mice; Infrared thermography; Analysis software; LPS-induced hypothermia; Mean body surface temperature; Temperature variation

No. 1533

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Dairy goat; Dental wear; Periodontitis; Dental biofilm; Gingival recession

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Social stratification and human diet in the Eastern Zhou China: An isotopic view from the Central Plains

Archaeological Research in Asia v. 20, 2019: p. 100162

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Eastern Zhou; Human diet; Social stratification; Stable isotope analysis

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Examining the effect of absorptive capacity on waste processing method adoption: A case study on Chinese pig farms

Journal of Cleaner Production v. 215, 2019: p. 978-984

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Manure management; China; Absorptive capacity; Pig farms; Waste processing method

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motivation; effectiveness; adoption; veterinarian

No. 1534

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Johne's disease; fecal culture; quantitative PCR

No. 1536

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management; dairy cattle; benchmark; thermoregulation

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Age; Sperm; Boar; Histone; Protamine

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Brain hyperthermia; optical fiber sensing; Rat model; Stereotaxic operation

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Aged mice; Bone healing; Bone turnover; EPO; Fracture healing; Tissue mineral density

No. 1543

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Preventive Veterinary Medicine v. 172, 2019: p. 104768
10.1016/j.prevetmed.2019.104768
Cattle; Questionnaire; Biosecurity; Belgium; Prevention; Veal

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In vivo; Calcium phosphate cements; Calcium phosphate foams; Drug delivery; Magnesium phosphate cements; Osteomyelitis

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financial analysis; genetic merit; lifetime profit; selection index

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GWAS; laying hen; acute heat stress; chronic heat stress; i-STAT

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Small Ruminant Research v. 178 , 2019 : p. 1-6

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Conservation; Arabian peninsula; Exotic breeds; Genetic degradation; Native Omani goats

No. 1547

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Poultry Science v. 98, 2019: p. 2026-2033

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broilers; LPS; immune responses; carvacrol; inflammation

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Clinical Nutrition Experimental v. 26, 2019: p. 44-58

10.1016/j.clnex.2019.04.001

Diet; Aerosols; egg case; Petroleum hydrocarbons; Pulmonary toxicity

No. 1546

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Protective Effect of Vitamin E on laying performance, antioxidant capacity, and immunity in laying hens challenged with Salmonella Enteritidis

Poultry Science v. 98, 2019: p. 5847-5854

10.3382/ps/pez227

vitamin E; Enteritidis, laying hen; immunity

No. 1548

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Volumetric investigation of the hippocampus in rat offspring due to diabetes in pregnancy—A stereological study

Journal of Chemical Neuroanatomy v. 101, 2019: p. 101669

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Volume; Hippocampus; Maternal diabetes; Neuronal density; Stereology

No. 1550

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Virus Research v. 270, 2019: p. 197642

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Deer farming; White-tailed deer

No. 1552

Sun, Xue-Cheng; Zhang, Ze-Biao; Wang, Hu; Li, Jian-Hui; Ma, Xu; Xia, Hong-Fei

Comparison of three surgical models of bone tissue defects in cleft palate in rabbits

International Journal of Pediatric Otorhinolaryngology v. 124, 2019: p. 164-172

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Rabbit; Animal model; Alveolar cleft; Alveolar process cleft; Hard palate cleft

No. 1553

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Cell v. 177 , 2019 : p. 1463-1479.e18

10.1016/j.cell.2019.04.030

actin comets; actomyosin flows; ooplasmic streaming; phase segregation; zebrafish

No. 1554

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Pathology - Research and Practice v. 215, 2019: p. 152614

10.1016/j.prp.2019.152614

COPD; Inflammatory mediators; Annexin A1; Tabagism

No. 1555

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Acute oral toxicity test and assessment of combined toxicity of cadmium and aflatoxin B1 in kunming mice

Food and Chemical Toxicology v. 131, 2019: p. 110577

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Toxicity; Cadmium; Mice; Aflatoxin B

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gene expression; river buffalo; Sp1 transcription factor; stearyl-CoA; transcript

No. 1558

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Alcohol v. 75, 2019: p. 11-18

10.1016/j.alcohol.2018.04.006

Phosphorylation; Prefrontal cortex; Alcohol; c-Jun N-terminal kinase; Dependence

No. 1559

Mohammadi, Fatemeh; Abedini Esfahlani, Mohsen; Shabani, Mohammad

Erythropoietin ameliorates harmaline-induced essential tremor and cognition disturbances

Neuroscience Letters v. 704, 2019: p. 153-158

10.1016/j.neulet.2019.04.017

Cognitive function; Anxiety; Erythropoietin; Essential tremor

No. 1560

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ETS Proteins Bind with Glucocorticoid Receptors: Relevance for Treatment of Ewing Sarcoma

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glucocorticoid receptor; cancer therapy; Ewing sarcoma; metastasis; protein-fragment complementation assay

No. 1561

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Sustainable use of tainted boar meat: Blending is a strategy for processed products

Meat Science v. 152 , 2019 : p. 65-72

10.1016/j.meatsci.2019.02.013

Animal welfare; Sustainability; Androstenone; Blending; Non-inferiority test; Off-flavor; Pork production; Skatole

No. 1563

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Animal Nutrition v. 5, 2019: p. 278-285

10.1016/j.aninu.2019.05.006

Carcass; Goats; Tannins; Parasites; Peanut skin

No. 1565

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Gene v. 703, 2019: p. 71-82

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mRNA; DEGs; Korean Native Pig; lncRNAs; qRT-PCR; Yorkshire pig

No. 1567

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Life Sciences v. , 2019: p. 116892

10.1016/j.lfs.2019.116892

Sex differences; Pharmacokinetics; Anti-uricase IgG antibody; PEGylated uricase; Species differences

No. 1562

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Using a keratinase to degrade chicken feathers for improved extraction of glucocorticoids

General and Comparative Endocrinology v. 270, 2019: p. 35-40

10.1016/j.ygcen.2018.10.002

Stress; Avian; Corticosterone; Feather; Keratinase; Solid-phase extraction

No. 1564

Singh, Ranjit; Bansal, Ranju

16,17-N'-(alkyl/arylsulfonyl)pyrazoline substituted neuroprotective heterosteroids: Synthesis, molecular docking and preclinical efficacy/toxicity studies in rodents

Steroids v. 148, 2019: p. 114-124

10.1016/j.steroids.2019.05.002

Alzheimer disease; Neuroinflammation; Lipopolysaccharide; Neuroprotective Steroids; Parkinson disease; Toxicity studies

No. 1566

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Time constraints imposed by anthropogenic environments alter social behaviour in longtailed macaques

Animal Behaviour v. 150, 2019: p. 157-165

10.1016/j.anbehav.2019.02.010

stress; anthropogenic environment; human-wildlife interactions; nonhuman primates; social interactions; time constraints

No. 1568

Jenrette, Terrell A.; Logue, Jordan B.; Horner, Kristen Ashley

Lesions of the Patch Compartment of Dorsolateral Striatum Disrupt Stimulus-Response Learning

Neuroscience v. 415, 2019: p. 161-172

10.1016/j.neuroscience.2019.07.033

basal ganglia; cortex; immediate early gene; self-administration; striosome; sucrose

No. 1569

Liao, Xiudong; Zhu, Yongwen; Lu, Lin; Li, Wenxiang; Zhang, Liyang; Ji, Cheng; Lin, Xi; Luo, Xugang

Maternal manganese activates anti-apoptotic-related gene expressions via miR-1551 and miR-34c in embryonic hearts from maternal heat stress (*Gallus gallus*)

Journal of Thermal Biology v. 84 , 2019 : p. 190-199

10.1016/j.jtherbio.2019.07.014

Heart; Manganese; Anti-apoptotic gene expression; Maternal heat stress; MicroRNA expression; Offspring chick embryo

No. 1570

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A model of clinical endometritis in Holstein heifers using pathogenic *Escherichia coli* and *Trueperella pyogenes*

Journal of Dairy Science v. 102, 2019: p. 2686-2697

10.3168/jds.2018-15595

dairy cow; animal model; inflammation; clinical endometritis; uterine infection

No. 1571

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Finishing bulls have more synchronised behaviour in pastures than in pens

Applied Animal Behaviour Science v. 213, 2019: p. 26-32

10.1016/j.applanim.2019.02.007

Bulls; Animal welfare; Pasture; Pens; Synchrony of behaviour; Uninsulated barn

No. 1572

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Lactobacillus rhamnosus GG modulates gastrointestinal absorption, excretion patterns, and toxicity in Holstein calves fed a single dose of aflatoxin B1

Journal of Dairy Science v. 102, 2019: p. 1330-1340

10.3168/jds.2018-15444

aflatoxin B; excretion; GG; toxicokinetics

No. 1573

Smart, Alexander J.; Harmony, Keith; Scasta, J. Derek; Stephenson, Mitchell B.; Volesky, Jerry D.; Vermeire, Lance T.; Mosley, Jeffrey C.; Sedivec, Kevin; Meehan, Miranda; Haigh, Tonya; Derner, Justin D.; McClaran, Mitchel P.

Forum: Critical Decision Dates for Drought Management in Central and Northern Great Plains Rangelands

Rangeland Ecology & Management v. , 2019: p.

10.1016/j.rama.2019.09.005

adaptive management; contingent probabilities of precipitation; decision making; drought; forage production

No. 1574

Scallan, Elizabeth M.; Lizarraga, Ignacio; Coursey, Caleb D.; Wild, Jessica L.; Simon, Bradley T.

Thermal antinociceptive, sedative and cardiovascular effects of Governing Vessel 1 dexmedetomidine pharmacopuncture in healthy cats

Veterinary Anaesthesia and Analgesia v. 46, 2019: p. 529-537

10.1016/j.vaa.2019.03.004

acupuncture; analgesia; dexmedetomidine; feline; sedation

No. 1575

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Ethanol extract of the natural product of Daun sirih (*Piper betle*) leaves may impede the effectiveness of the plasma jet contact style for acute wounds

Clinical Plasma Medicine v. 15, 2019: p. 100090

10.1016/j.cpme.2019.100090

ROS; Natural product; PAW; Plasma medicine; RNS; Wound

No. 1576

Castaño-Castaño, S.; Feijoo-Cuaresma, M.; Paredes-Pacheco, J.; Morales-Navas, M.; Ruiz-Guijarro, J.A.; Sanchez-Santed, F.; Nieto-Escámez, F.

tDCS recovers depth perception in adult amblyopic rats and reorganizes visual cortex activity

Behavioural Brain Research v. 370, 2019: p. 111941

10.1016/j.bbr.2019.111941

tDCS; Amblyopia; Long evans; Neuronal plasticity; PET; Stereoscopy

No. 1577

Ismalina Ismail, Nurul; Surayah Osman, Nor; Ayuna Mohammed Kamil, Izume; Nabihah Rahman, Nurul; Farhan Hanafi, Muhammad; Ariff Rustam, Mohd; Sapawe, Norzahir

Formulation of Rabbit Feed Pellet from Palm Kernel Cake (PKC)

Materials Today: Proceedings v. 19 , 2019 : p. 1810-1818
10.1016/j.matpr.2019.11.220

No. 1579

Sajdak, Benjamin S.; Salmon, Alexander E.; Cava, Jenna A.; Allen, Kenneth P.; Freling, Susan; Ramamirtham, Ramkumar; Norton, Thomas T.; Roorda, Austin; Carroll, Joseph

Noninvasive imaging of the tree shrew eye: Wavefront analysis and retinal imaging with correlative histology

Experimental Eye Research v. 185, 2019: p. 107683
10.1016/j.exer.2019.05.023

Tree shrew; Adaptive optics; Cone photoreceptors; Megamitochondria; Optical coherence tomography

No. 1581

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The concurrent treatment of *Scutellaria baicalensis* Georgi enhances the therapeutic efficacy of cisplatin but also attenuates chemotherapy-induced cachexia and acute kidney injury

Journal of Ethnopharmacology v. 243, 2019: p. 112075
10.1016/j.jep.2019.112075

Cisplatin; Cachexia; Georgi; Kidney injury; Lung cancer

No. 1583

Zare, Zohreh; Tehrani, Mohsen; Rezaei, Noorollah; Dana Ghalebarzand, Babak; Mohammadi, Moslem

Anxiolytic activity of paraoxon is associated with alterations in rat brain glutamatergic system

Neurotoxicology and Teratology v. 71, 2019: p. 32-40
10.1016/j.ntt.2018.12.001

Anxiety; Open field; Elevated plus-maze; Glutamate transporter; Paraoxon

No. 1578

Tsunoda, Roberta Harue; Serrano-Recalde, Elena Carolina; Arruda, Rubens Paes de; Oliveira, Bruna Marcele Martins; Pinto, Sâmara Cristine Costa; Celeghini, Eneiva Carla Carvalho

Effects of pentoxifylline supplementation to semen extender on post-breeding inflammation response assessed by endometrial cytology and vascular perfusion in mares

Animal Reproduction Science v. 208, 2019: p. 106128
10.1016/j.anireprosci.2019.106128

Cryopreservation; Sperm; Equine; Doppler; Endometritis; Polymorphonuclear cells

No. 1580

Leal, P.C.; Bispo, J.M.M.; Lins, L.C.R.F.; Souza, M.F.; Gois, A.M.; Moore, C.; Marchioro, M.; Ribeiro, A.M.; Silva, R.H.; Meshul, C.K.; Santos, J.R.

Cognitive and anxiety-like impairments accompanied by serotonergic ultrastructural and immunohistochemical alterations in early stages of parkinsonism

Brain Research Bulletin v. 146, 2019: p. 213-223
10.1016/j.brainresbull.2019.01.009

Animal model; Parkinson's disease; Degeneration; Axonal reaction; Subcellular structure

No. 1582

Costa, Rafael Carneiro; Mesquita, Leonardo Pereira; de Oliveira, Ivam Moreira; Zannato, Dennis Albert; Emanuel dos Santos Mesquita, Lucas; Biihrer, Daniel Arrais; de Oliveira Massoco Salles Gomes, Cristina; Varaschin, Mary Suzan; Maiorka, Paulo César

The pathogenicity of two *Neospora caninum* goat strains in a BALB/c mouse model

Experimental Parasitology v. 205, 2019: p. 107736
10.1016/j.exppara.2019.107736

Immunohistochemistry; Gene expression; Apicomplexa; Encephalitis; Flow cytometry

No. 1584

Jaja, Ishmael Festus; Bhembe, Nolwazi Londiwe; Green, Ezekiel; Oguttu, James; Muchenje, Voster

Molecular characterisation of antibiotic-resistant *Salmonella enterica* isolates recovered from meat in South Africa

Acta Tropica v. 190, 2019: p. 129-136
10.1016/j.actatropica.2018.11.003

Antimicrobial resistance; Abattoir; Hygiene; Informal meat sector; Meat safety

No. 1585

Castro, Irma; Alba, Claudio; Aparicio, Marina; Arroyo, Rebeca; Jiménez, Lorena; Fernández, Leónides; Arias, Ramón; Rodríguez, Juan Miguel

Metataxonomic and immunological analysis of milk from ewes with or without a history of mastitis

Journal of Dairy Science v. 102, 2019 : p. 9298-9311
10.3168/jds.2019-16403

milk; mastitis; microbiota; ewe; immunological analysis; microbiome

No. 1586

Zhou, Y.F.; Zhang, X.M.; Wang, C.; Wei, H.K.; Jiang, S.W.; Peng, J.

Effects of North American and Danish feeding strategies on the reproductive performance of American Landrace-Yorkshire crossbred sows during gestation

Livestock Science v. 228, 2019: p. 67-71

10.1016/j.livsci.2019.07.025

Reproductive performance; Sow; Danish system; Feeding strategy; Gestation; North American system

No. 1587

Levé, Marine; Colléony, Agathe; Conversy, Pauline; Torres, Ana-Cristina; Truong, Minh-Xuan; Vuillot, Carole; Prévot, Anne-Caroline

Convergences and divergences in understanding the word biodiversity among citizens: A French case study

Biological Conservation v. 236, 2019: p. 332-339

10.1016/j.biocon.2019.05.021

Conservation; Biodiversity understanding; Experience of nature; Questionnaire study

No. 1588

Li, Zonggang; Zheng, Weichao; Wei, Yongxiang; Li, Baoming; Wang, Yu; Zheng, Hongya

Prevention of particulate matter and airborne culturable bacteria transmission between double-tunnel ventilation layer hen houses

Poultry Science v. 98, 2019: p. 2392-2398

10.3382/ps/pez019

airborne transmission; animal building arrangement; disinfection; distribution; evaporative cooling pad

No. 1589

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One-carbon metabolism supplementation improves outcome after stroke in aged male MTHFR-deficient mice

Neurobiology of Disease v. 132, 2019: p. 104613

10.1016/j.nbd.2019.104613

Supplementation; Neurodegeneration; Homocysteine; Cerebral ischemia; Methylenetetrahydrofolate reductase; Sensorimotor cortex

No. 1590

Kurokawa, Shun

The role of generosity on the evolution of cooperation

Ecological Complexity v. 40, 2019: p. 100778

10.1016/j.ecocom.2019.100778

Evolution; Cooperation; Evolutionary game theory; Execution error; Generosity; Prisoner's dilemma

No. 1591

Jain-Gupta, Neeta; Waldrop, Steven G.; Tenpenny, Nancy M.; Witonsky, Sharon G.; Boyle, Stephen M.; Sriranganathan, Nammalwar

Rough *Brucella neotomae* provides protection against *Brucella suis* challenge in mice

Veterinary Microbiology v. 239, 2019: p. 108447

10.1016/j.vetmic.2019.108447

Immunity; Lipopolysaccharide; glycosyltransferase; Live-attenuated vaccine; Rough phenotype

No. 1592

Jatuponwiphat, Theeraphol; Chumnannpuen, Pramote; Othman, Sarah; E-kobon, Teerasak; Vongsangnak, Wanwipa

Iron-associated protein interaction networks reveal the key functional modules related to survival and virulence of *Pasteurella multocida*

Microbial Pathogenesis v. 127, 2019: p. 257-266

10.1016/j.micpath.2018.12.013

Comparative genomics; Functional modules related to virulence; Iron-associated genes; Protein interaction network

No. 1593

Javůrková, Veronika Gvoždíková; Pokorná, Monika; Mikšík, Ivan; Tůmová, Eva

Concentration of egg white antimicrobial and immunomodulatory proteins is related to eggshell pigmentation across traditional chicken breeds

Poultry Science v. 98 , 2019 : p. 6931-6941

10.3382/ps/pez472

albumen; eggshell colour; lysozyme; ovotransferrin; protoporphyrin IX

No. 1595

Sarkaki, Alireza; Farbood, Yaghoob; Mansouri, Seyed Mohammad Taghi; Badavi, Mohammad; Khorsandi, Layasadat; Dehcheshmeh, Mohammad Ghasemi; Shooshtari, Maryam Khombi

Chrysin prevents cognitive and hippocampal long-term potentiation deficits and inflammation in rat with cerebral hypoperfusion and reperfusion injury

Life Sciences v. 226, 2019: p. 202-209

10.1016/j.lfs.2019.04.027

Rat; Spatial memory; Ischemic stroke; TNF- α ; Chrysin; IL-1 β

No. 1597

Alves, Márcio Bonesso; Laureano, Daniela Pereira; Dalle Molle, Roberta; Machado, Tania Diniz; Salvador, Ana Paula de Ascensão; Miguel, Patrícia Maidana; Lupinsky, Derek; Dalmaz, Carla; Silveira, Patrícia Pelufo

Intrauterine growth restriction increases impulsive behavior and is associated with altered dopamine transmission in both medial prefrontal and orbitofrontal cortex in female rats

Physiology & Behavior v. 204, 2019: p. 336-346

10.1016/j.physbeh.2019.03.010

Impulsivity; Dopamine; Medial prefrontal cortex; IUGR; Orbitofrontal cortex

No. 1599

Menegassi, Silvio R.O.; Pereira, Gabriel R.; McManus, Concepta; Roso, Vanerlei M.; Bremm, Carolina; Koetz, Celso; Lopes, Jusecléia F.; Barcellos, Júlio O.J.

Evaluation and prediction of scrotal circumference in beef bulls

Theriogenology v. 140, 2019: p. 25-32

10.1016/j.theriogenology.2019.08.008

Bulls; Puberty; Beef cattle; Genetic evaluation; Scrotal circumference

No. 1594

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Dietary Pyrophosphate Modulates Calcification in a Mouse Model of Pseudoxanthoma Elasticum: Implication for Treatment of Patients

Journal of Investigative Dermatology v. 139, 2019: p. 1082-1088

10.1016/j.jid.2018.10.040

No. 1596

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Whole metagenome sequencing of cecum microbiomes in Ethiopian indigenous chickens from two different altitudes reveals antibiotic resistance genes

Genomics v. , 2019: p.

10.1016/j.ygeno.2019.11.011

Antibiotic resistant gene.; CAZy; eggNOG; Indigenous chicken; KEGG; LEfSe; Microbiome

No. 1598

Feng, Wei; Lei, Tong; Wang, Yue; Feng, Run; Yuan, Juntao; Shen, Xiyue; Wu, Yongguang; Gao, Junling; Ding, Wenjun; Lu, Zhongbing

GCN2 deficiency ameliorates cardiac dysfunction in diabetic mice by reducing lipotoxicity and oxidative stress

Free Radical Biology and Medicine v. 130, 2019: p. 128-139

10.1016/j.freeradbiomed.2018.10.445

Oxidative stress; Apoptosis; Lipotoxicity; Diabetic cardiomyopathy; GCN2

No. 1600

Zamudio, Sergio R.; Pichardo-Macías, Luz A.; Díaz-Villegas, Verónica; Flores-Navarrete, Itzel L.; Guzmán-Velázquez, Sonia

Subchronic cerebrolysin treatment alleviates cognitive impairments and dendritic arborization alterations of granular neurons in the hippocampal dentate gyrus of rats with temporal lobe epilepsy

Epilepsy & Behavior v. 97, 2019: p. 96-104

10.1016/j.yebeh.2019.05.025

Temporal lobe epilepsy; Barnes maze test; Cerebrolysin; Dendritic morphology

No. 1601

Jaber, Lina S.; Duvaux-Ponter, Christine; Hamadeh, Shady K.; Giger-Reverdin, Sylvie

Mild heat stress and short water restriction treatment in lactating Alpine and Saanen goats

Small Ruminant Research v. 175, 2019 : p. 46-51
10.1016/j.smallrumres.2019.04.004

Lactation; Heat stress; Physiology; Drinking behavior; Water restriction

No. 1602

Sen, Zhang; Weida, Wang; Li, Yan; Zhaojun, Li; Nina, Xue; Xiaoguang, Chen

Nicousamide attenuates renal dysfunction and glomerular injury in remnant kidneys by inhibiting TGF- β 1 internalisation and renin activity

European Journal of Pharmacology v. 845, 2019: p. 74-84
10.1016/j.ejphar.2018.12.033

5/6 nephrectomy; Nicousamide; Proteinuria; Renin; TGF- β 1

No. 1603

Krishnan, Natarajan; Velramar, Balasubramanian; Velu, Rajesh Kannan

Investigation of antifungal activity of surfactin against mycotoxigenic phytopathogenic fungus *Fusarium moniliforme* and its impact in seed germination and mycotoxicosis

Pesticide Biochemistry and Physiology v. 155, 2019: p. 101-107
10.1016/j.pestbp.2019.01.010

Maize; Mycotoxicosis; Mycotoxigenic fungi; Mycotoxins; Surfactin

No. 1604

Pires, B.V.; Stafuzza, N.B.; Lima, S.B.G.P.N.P.; Negrão, J.A.; Paz, C.C.P.

Differential expression of heat shock protein genes associated with heat stress in Nelore and Caracu beef cattle

Livestock Science v. 230, 2019: p. 103839
10.1016/j.livsci.2019.103839

Cortisol; qPCR; hsp60; hsp70; hsp90; Rectal temperature

No. 1605

Dunn, Barnaby D.; O'Mahen, Heather; Wright, Kim; Brown, Gary

A commentary on research rigour in clinical psychological science: How to avoid throwing out the innovation baby with the research credibility bath water in the depression field

Behaviour Research and Therapy v. 120, 2019: p. 103417
10.1016/j.brat.2019.103417

Innovation; Clinical trial design; Intervention development; Intervention implementation; Research waste

No. 1606

David, UE; Adedeji, TG; Fasanmade, AA

Quantity not composition of dietary fats represents the dominant contributor to experimental obesity: Relevance to human pathophysiology

Pathophysiology v. , 2019: p.
10.1016/j.pathophys.2019.08.001

Obesity; Feed intake; Adiposity; Anthropometric variables; High fat diets; Sexual dimorphism

No. 1607

Xie, Qiuju; Ni, Ji-Qin; Bao, Jun; Su, Zhongbin

A thermal environmental model for indoor air temperature prediction and energy consumption in pig building

Building and Environment v. 161, 2019: p. 106238
10.1016/j.buildenv.2019.106238

Adaptive neuro fuzzy inference system (ANFIS); Energy balance equation (EBE); Energy consumption; Indoor air temperature; Pig building

No. 1608

Ninh, Van K.; El Hajj, Elia C.; Ronis, Martin J.; Gardner, Jason D.

N-Acetylcysteine prevents the decreases in cardiac collagen I/III ratio and systolic function in neonatal mice with prenatal alcohol exposure

Toxicology Letters v. 315, 2019: p. 87-95
10.1016/j.toxlet.2019.08.010

Antioxidant; Extracellular matrix; Heart; Fetal alcohol spectrum disorder; Hypertrophy; Neonatal heart; Neonate

No. 1609

Ma, Dexing; Huang, Yuchen; Ma, Chunli; Zhang, Lili; Wang, Jingfei; Wang, Dian; Li, Jian; Dalloul, Rami A

Eimeria tenella: specific EtAMA1-binding peptides inhibit sporozoite entry into host cells

Poultry Science v. 98 , 2019 : p. 4480-4491
10.3382/ps/pez298

protection; invasion; molecular docking; peptide

No. 1610

Möller, Christina; van Dijk, Roelof Maarten; Wolf, Fabio; Keck, Michael; Schönhoff, Katharina; Bierling, Vera; Potschka, Heidrun

Impact of repeated kindled seizures on heart rate rhythms, heart rate variability, and locomotor activity in rats

Epilepsy & Behavior v. 92, 2019: p. 36-44
10.1016/j.yebeh.2018.11.034

Heart rate variability; Telemetry; Epilepsy; Circadian rhythm; Ictal bradycardia; Kindling model

No. 1611

Zhang, Hui; Mehmood, Khalid; Jiang, Xiong; Li, Zhixing; Yao, Wangyuan; Zhang, Jialu; Tong, Xiaole; Wang, Yaping; Li, Aoyun; Waqas, Muhammad; Iqbal, Mujahid; Li, Jiakui

Identification of differentially expressed MiRNAs profile in a thiram-induced tibial dyschondroplasia

Ecotoxicology and Environmental Safety v. 175, 2019: p. 83-89
10.1016/j.ecoenv.2019.03.043

Chickens; Differentially expressed miRNAs; Thiram; Tibial dyschondroplasia; Toxicological functions

No. 1612

Li, J.H.; Yousif, M.H.; Li, Z.Q.; Wu, Z.H.; Li, S.L.; Yang, H.J.; Wang, Y.J.; Cao, Z.J.

Effects of antibiotic residues in milk on growth, ruminal fermentation, and microbial community of preweaning dairy calves

Journal of Dairy Science v. 102, 2019: p. 2298-2307
10.3168/jds.2018-15506

antibiotics; calf; microbial community; ruminal fermentation

No. 1613

Zhou, Bian-hua; Jia, Liu-shu; Guo, Hong-wei; Ding, Hai-yan; Yang, Jing-yun; Wang, Hong-wei

Eukaryotic elongation factor 2 is involved in the anticoccidial action of diclazuril in the second-generation merozoites of *Eimeria tenella*

Veterinary Parasitology v. 276, 2019: p. 108991
10.1016/j.vetpar.2019.108991

Diclazuril; Eukaryotic elongation factor 2; Second-generation merozoites

No. 1614

Fessenden, S.W.; Hackmann, T.J.; Ross, D.A.; Block, E.; Foskolos, A.; Van Amburgh, M.E.

Rumen digestion kinetics, microbial yield, and omasal flows of nonmicrobial, bacterial, and protozoal amino acids in lactating dairy cattle fed fermentation by-products or urea as a soluble nitrogen source

Journal of Dairy Science v. 102, 2019: p. 3036-3052
10.3168/jds.2018-15448

amino acids; Cornell Net Carbohydrate and Protein System; Fermenten; microbial growth; rumen protozoa

No. 1615

Ko, Jing-Chun; Chuang, Shu-Chun; Yang, Chung-Da

Amidated pleurocidin peptide encapsulated in biodegradable poly(lactide-co-glycolide) microparticles sustains its antibacterial activity against *Photobacterium damsela* subsp. *piscicida* in cobia

Aquaculture v. 512, 2019: p. 734290
10.1016/j.aquaculture.2019.734290

Amidated pleurocidin (PLE(am)); Pleurocidin (PLE); PLG-PLE(am) microparticles; Poly (lactide--glycolide) (PLG); subsp. (PDP)

No. 1616

Greene, Elizabeth S; Rajaei-Sharifabadi, Hossein; Dridi, Sami

Feather HSP70: a novel non-invasive molecular marker for monitoring stress induced by heat exposure in broilers

Poultry Science v. 98, 2019: p. 3400-3404
10.3382/ps/pez120

chicken; heat stress; HSP70; feather

No. 1617

Zhao, Yi; Fan, Jing-Hui; Luo, Yu; Talukder, Milton; Li, Xue-Nan; Zuo, Yu-Zhu; Li, Jin-Long

Di-(2-ethylhexyl) phthalate (DEHP)-induced hepatotoxicity in quail (*Coturnix japonica*) via suppression of the heat shock response

Chemosphere v. 228, 2019 : p. 685-693

10.1016/j.chemosphere.2019.04.172

Hepatotoxicity; DEHP; Heat shock proteins; Heat shock response; Heat shock transcription factors

No. 1618

Park, Sang Chul; Hwang, Chi Sang; Chung, Hyo Jin; Purev, Munkhbaatar; Al Sharhan, Salma Saud; Cho, Hyung-Ju; Yoon, Joo-Heon; Kim, Chang-Hoon

Geographic and demographic variations of inhalant allergen sensitization in Koreans and non-Koreans

Allergology International v. 68, 2019: p. 68-76

10.1016/j.alit.2018.07.005

Epidemiology; Pollen; Sensitization; Allergen; House dust mite

No. 1619

Kwon, Claire J.; Brundage, Cord M.

Quantifying body surface temperature differences in canine coat types using infrared thermography

Journal of Thermal Biology v. 82, 2019: p. 18-22

10.1016/j.jtherbio.2019.03.004

Dog; Infrared thermography; Body surface temperature; Hair cat

No. 1620

Teixeira, Vanessa Amorim; Coelho, Sandra Gesteira; Tomich, Thierry Ribeiro; Pacheco Rodrigues, João Paulo; Campos, Mariana Magalhães; Machado, Fernanda Samarini; Gualberto Barbosa da Silva, Marcos Vinícius; Monteiro, Gabriel Augusto; Ribeiro Pereira, Luiz

Reproductive characteristics of bulls from two breed compositions and their correlations with infrared thermography

Journal of Thermal Biology v. 85, 2019: p. 102407

10.1016/j.jtherbio.2019.102407

Semen; Reproduction; Crossbreeding; Dairy cattle; Thermoregulation; Andrological examination; Girolando

No. 1621

Souza, Tugstênio L.; Batschauer, Amândia R.; Brito, Patricia Manuitt; Oliveira Ribeiro, Ciro A.; Martino-Andrade, Anderson J.; Ortolani-Machado, Claudia F.

Multigenerational analysis of the functional status of male reproductive system in mice after exposure to realistic doses of manganese

Food and Chemical Toxicology v. 133, 2019: p. 110763

10.1016/j.fct.2019.110763

Oxidative stress; Sperm analysis; Developmental toxicology; Reproductive toxicology

No. 1622

Weng, Mao-Chi; Li, Ming-Hsin; Chung, Jing Gung; Liu, Yu-Chang; Wu, Jeng-Yuan; Hsu, Fei-Ting; Wang, Hsin-Ell

Apoptosis induction and AKT/NF- κ B inactivation are associated with regorafenib-inhibited tumor progression in non-small cell lung cancer in vitro and in vivo

Biomedicine & Pharmacotherapy v. 116, 2019: p. 109032

10.1016/j.biopha.2019.109032

Apoptosis; NF- κ B; AKT; Non-small cell lung cancer; Regorafenib

No. 1623

Sawczyn, Tomasz; Stygar, Dominika; Nabrdalik, Katarzyna; Kukla, Michał; Skrzep-Poloczek, Bronisława; Wesołowski, Bartosz; Olszańska, Ewa; Dulcka, Agnieszka; Gumprecht, Janusz; Karcz, Wojciech Konrad; Jochem, Jerzy

The influence of high fat diet on plasma incretins and insulin concentrations in Sprague-Dawley rats with diet-induced obesity and glucose intolerance undergoing ileal transposition

Peptides v. 115, 2019: p. 75-84

10.1016/j.peptides.2019.04.001

High fat diet; Ileal transposition; Incretines; Metabolic surgery

No. 1624

Mousavi, Seyyed Mojtaba; Towhidi, Armin; Zhandi, Mahdi; Amoabediny, Ghasem; Mohammadi-Sangcheshmeh, Abdollah; Sharafi, Mohsen; Hussaini, Sayyed Mohammad Hadi

Comparison of two different antioxidants in a nano lecithin-based extender for bull sperm cryopreservation

Animal Reproduction Science v. 209, 2019: p. 106171

10.1016/j.anireprosci.2019.106171

Freezing; Antioxidant; Bovine; Nano lecithin

No. 1625

Macelline, Shemil P.; Wickramasuriya, Samiru S.; Cho, Hyun Min; Kim, Eunjoo; Shin, Taeg Kyun; Hong, Jun Seon; Kim, Jae Cheol; Pluske, John R.; Choi, Ho Jun; Hong, Young Gi; Heo, Jung Min

Broilers fed a low protein diet supplemented with synthetic amino acids maintained growth performance and retained intestinal integrity while reducing nitrogen excretion when raised under poor sanitary conditions

Poultry Science v. , 2019 : p.

10.1016/j.psj.2019.10.035

broiler; nitrogen; essential amino acid; low protein; tight junction

No. 1626

Zhang, Ling; Cao, Lu-Lu; Yang, Dan-Dan; Ding, Jian-Hua; Guo, Xu-Dong; Xue, Teng-Fei; Zhao, Xiao-Jie; Sun, Xiu-Lan

Establishment and evaluation of a novel mouse model of peri/postmenopausal depression

Heliyon v. 5, 2019: p. e01195

10.1016/j.heliyon.2019.e01195

Neuroscience; Endocrinology

No. 1627

Hu, Zhengzheng; Li, Hejun; Xie, Rui; Wang, Shiwei; Yin, Zongjun; Liu, Yang

Genomic variant in porcine TNFRSF1A gene and its effects on TNF signaling pathway in vitro

Gene v. 700, 2019: p. 105-109

10.1016/j.gene.2019.03.046

SNP; Association; Overexpression; RNAi; TNFRSF1A

No. 1628

Sun, Lingwei; Fan, Wenhua; Wu, Caifeng; Zhang, Shushan; Dai, Jianjun; Zhang, Defu

Effect of substituting different concentrations of soybean lecithin and egg yolk in tris-based extender on goat semen cryopreservation

Cryobiology v. , 2019: p.

10.1016/j.cryobiol.2019.12.004

Cryopreservation; Oxidative stress; Soybean lecithin; Egg yolk; Goat semen

No. 1629

Huang, Chen; Feng, Lin; Jiang, Wei-Dan; Wu, Pei; Liu, Yang; Zeng, Yun-Yun; Jiang, Jun; Kuang, Sheng-Yao; Tang, Ling; Zhou, Xiao-Qiu

Deoxynivalenol decreased intestinal immune function related to NF- κ B and TOR signalling in juvenile grass carp (*Ctenopharyngodon idella*)

Fish & Shellfish Immunology v. 84, 2019: p. 470-484

10.1016/j.fsi.2018.10.039

Deoxynivalenol; Intestine; Grass carp (); Immune function

No. 1630

Chang, Ya-Shiou; Stromer, Marvin H.; Chou, Rong-Ghi R.

Postmortem role of calpain in Chinese and Wuzong goose muscles

Poultry Science v. 98, 2019: p. 7151-7157

10.3382/ps/pez515

calpain; goose muscle; postmortem proteolysis; tenderization

No. 1631

Kumsa, Bersissa; Abiy, Yonas; Abunna, Fufa

Ectoparasites infesting dogs and cats in Bishoftu, central Oromia, Ethiopia

Veterinary Parasitology: Regional Studies and Reports v. 15, 2019: p. 100263

10.1016/j.vprsr.2019.100263

Companion animals; Ticks; East Africa; Arthropods; Fleas; Lice

No. 1632

Mulder, M.; Kiefte-de Jong, J.C.; Goessens, W.H.F.; de Visser, H.; Ikram, M.A.; Verbon, A.; Stricker, B.H.

Diet as a risk factor for antimicrobial resistance in community-acquired urinary tract infections in a middle-aged and elderly population: a case-control study

Clinical Microbiology and Infection v. 25, 2019: p. 613-619

10.1016/j.cmi.2018.07.029

Antimicrobial resistance; Vegetables; Diet; Cheese; Crops; Dairy products; Food animals

No. 1633

Fotio, A.L.; Nguépi, M.S.D.; Tonfack, L.B.; Temdie, R.J.G.; Nguélefack, T.B.

Acetaminophen induces liver injury and depletes glutathione in mice brain: Prevention by Moringa oleifera extract

South African Journal of Botany v. , 2019 : p.
10.1016/j.sajb.2019.08.037

Acetaminophen; Liver injury; GSH and brain

No. 1634

Kim, Brent F.; Santo, Raychel E.; Scatterday, Allysan P.; Fry, Jillian P.; Synk, Colleen M.; Cebon, Shannon R.; Mekonnen, Mesfin M.; Hoekstra, Arjen Y.; de Pee, Saskia; Bloem, Martin W.; Neff, Roni A.; Nachman, Keeve E.

Country-specific dietary shifts to mitigate climate and water crises

Global Environmental Change v. , 2019: p. 101926

10.1016/j.gloenvcha.2019.05.010

Nutrition; Water footprint; Dietary change; Food systems; Greenhouse gas emissions; Sustainable diet

No. 1635

Zaborowski, Mikotaj Piotr; Lee, Kyunghoon; Na, Young Jeong; Sammarco, Alessandro; Zhang, Xuan; Iwanicki, Marcin; Cheah, Pike See; Lin, Hsing-Ying; Zinter, Max; Chou, Chung-Yu; Fulci, Giulia; Tannous, Bakhos A.; Lai, Charles Pin-Kuang; Birrer, Michael J.;

Methods for Systematic Identification of Membrane Proteins for Specific Capture of Cancer-Derived Extracellular Vesicles

Cell Reports v. 27, 2019: p. 255-268.e6

10.1016/j.celrep.2019.03.003

biomarker; extracellular vesicles; Genotype-Tissue Expression Project; Human Protein Atlas; membrane proteins; membrane-bound luciferase; palmitoylated fluorescent protein; The Cancer Genome Atlas

No. 1636

Stringa, Pablo; Toledano, Victor; Papa-Gobbi, Rodrigo; Arreola, Miguel; Largo, Carlota; Machuca, Mariana; Aguirre, Luis A.; Rumbo, Martin; López-Collazo, Eduardo; Hernández Oliveros, Francisco

Galactomannan as a Potential Modulator of Intestinal Ischemia-Reperfusion Injury

Journal of Surgical Research v. , 2019: p.

10.1016/j.jss.2019.10.027

Intestine; Digestive system surgical procedures; Mesenteric ischemia; Reperfusion injury

No. 1637

Del Vecchio Filipin, Marina; Brazão, Vânia; Santello, Fabricia Helena; da Costa, Cássia Mariana Bronzon; Paula Alonso Toldo, Míriam; Rossetto de Moraes, Fabiana; do Prado Júnior, José Clóvis

Does Prolactin treatment trigger imunoendocrine alterations during experimental T. cruzi infection?

Cytokine v. 121, 2019: p. 154736

10.1016/j.cyto.2019.154736

Cytokines; Immune response; Prolactin,

No. 1638

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Effects of butyric acid supplementation of acidified milk on digestive function and weaning stress of cattle calves

Livestock Science v. 225, 2019: p. 78-84

10.1016/j.livsci.2019.04.021

Cattle; Acidified milk; Butyric acid supplementation; Diarrhea rate; Gastrointestinal tract

No. 1639

Ruan, D; Zhu, Y W; Fouad, A M; Yan, S J; Chen, W; Zhang, Y N; Xia, W G; Wang, S; Jiang, S Q; Yang, L; Zheng, C T

Dietary curcumin enhances intestinal antioxidant capacity in ducklings via altering gene expression of antioxidant and key detoxification enzymes

Poultry Science v. 98, 2019: p. 3705-3714

10.3382/ps/pez058

ducks; curcumin; cytochrome P450; intestinal antioxidation; tissue distribution

No. 1640

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Digital gene expression profiling and validation study highlight Cyclin F as an important regulator for sperm motility of chickens

Poultry Science v. 98, 2019: p. 5118-5126

10.3382/ps/pez212

chicken; qRT-PCR; Cyclin F; digital gene expression; sperm motility

No. 1641

Liu, Q.; Duston, J.

Long photoperiod in winter is more effective than food deprivation in stopping unwanted sexual maturation in Arctic charr

Aquaculture v. 501, 2019 : p. 213-218

10.1016/j.aquaculture.2018.11.007

Age at maturity; Daylength; Salmonid; Somatic growth

No. 1642

Petrak, Jiri; Havlenova, Tereza; Krijt, Matyas; Behounek, Matej; Franeckova, Janka; Cervenka, Ludek; Pluhacek, Tomas; Vyoral, Daniel; Melenovsky, Vojtech

Myocardial iron homeostasis and hepcidin expression in a rat model of heart failure at different levels of dietary iron intake

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No. 1643

Zhuang, Liujing; Zhang, Bin; Qin, Zhen; Wang, Ping

Nasal Respiration is Necessary for the Generation of γ Oscillation in the Olfactory Bulb

Neuroscience v. 398, 2019: p. 218-230

10.1016/j.neuroscience.2018.12.011

cross-frequency coupling; freely moving animal; local field potential; multisite recording; respiratory input

No. 1644

Zhang, Xufeng; Cheng, Jinping; Han, Deming; Chen, Xiaojia; Zhao, Xinda; Liu, Yu

Regional differences in fatty acid composition of sea cucumber (*Apostichopus japonicus*) and scallop (*Patinopecten yessoensis*) in the coastal areas of China

Regional Studies in Marine Science v. 31, 2019: p. 100782

10.1016/j.rsma.2019.100782

Fatty acid composition; Seafood; Food source; Marine benthonic animal; Origin traceability; Regional difference

No. 1645

Przybylska, Anna S.; Wojciechowski, Michał S.; Jefimow, Małgorzata

Physiological differences between winter phenotypes of Siberian hamsters do not correlate with their behaviour

Animal Behaviour v. 147, 2019: p. 105-114

10.1016/j.anbehav.2018.11.007

personality; energy expenditure; heterothermy; photoresponsiveness; Siberian hamster

No. 1646

Dan, Meng; Yehui, Wu; Qingling, Meng; Jun, Qiao; Xingxing, Zhang; Shuai, Ma; Kuojun, Cai; Jinsheng, Zhang; Zibing, Cheng; Zaichao, Zhang; Xuepeng, Cai

Antimicrobial resistance, virulence gene profile and molecular typing of *Staphylococcus aureus* isolates from dairy cows in Xinjiang Province, northwest China

Journal of Global Antimicrobial Resistance v. 16, 2019: p. 98-104

10.1016/j.jgar.2018.08.024

Dairy cows; Antimicrobial resistance; Molecular typing; Virulence gene

No. 1647

Odah, Mohammed Najj; Abdullah Jesse, Faez Firdaus; Teik Chung, Eric Lim; Mahmood, Zaid; Haron, Abd Wahid; Mohd Lila, Mohd Azmi; Zamri-Saad, Mohd

Clinico-pathological responses and PCR detection of *Corynebacterium pseudotuberculosis* and its immunogenic mycolic acid extract in the vital organs of goats

Microbial Pathogenesis v. 135, 2019: p. 103628

10.1016/j.micpath.2019.103628

Female; PCR; Goats; Clinicopathology; mycolic acid; Vital organs

No. 1648

Miranda Mendonça, Ana Paula; Hoppe, Luanda Yanaan; Gaviraghi, Alessandro; Araújo-Jorge, Tânia Cremonini de; de Oliveira, Gabriel Melo; Felipe, Renata Machado; Oliveira, Marcus F.; da Silva Fragoso, Viviane Muniz

Highly aggressive behavior induced by social stress is associated to reduced cytochrome c oxidase activity in mice brain cortex

Neurochemistry International v. 126, 2019: p. 210-217

10.1016/j.neuint.2019.03.017

Cognition; Behavior; Energy; Stress; Metabolism; Mitochondria

No. 1649

Xing, Ran-Ran; Wang, Nan; Hu, Ran-Ran; Zhang, Jiu-Kai; Han, Jian-Xun; Chen, Ying

Application of next generation sequencing for species identification in meat and poultry products: A DNA metabarcoding approach

Food Control v. 101 , 2019 : p. 173-179
10.1016/j.foodcont.2019.02.034

DNA metabarcoding; Food authenticity; Meat mislabeling; Next-generation sequencing (NGS); Species identification

No. 1650

Qu, J.; Hsiao, T.C.; DePeters, E.J.; Zaccaria, D.; Snyder, R.L.; Fadel, J.G.

A goal programming approach for balancing diet costs and feed water use under different environmental conditions

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10.3168/jds.2019-16543

environment; diet formulation; goal programming; water usage

No. 1651

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Impact of mTOR hyperactive neurons on the morphology and physiology of adjacent neurons: Do PTEN KO cells make bad neighbors?

Experimental Neurology v. 321, 2019: p. 113029
10.1016/j.expneurol.2019.113029

Dentate gate; Dentate granule cell; mTOR; Neurolucida; PTEN; Soma area; Somatic hypertrophy

No. 1652

Górecka-Bruzda, Aleksandra; Reczyńska, Daria; Jastrzębska, Ewa; Barłowska, Katarzyna; Bagnicka, Emilia

Behavioral and physiological measures in dairy goats with and without small ruminant lentivirus infection

Journal of Veterinary Behavior v. 31, 2019: p. 67-73
10.1016/j.jveb.2019.03.006

welfare; behavior; health; heart rate; dairy goat; SRLV

No. 1653

Tapia, Melissa A; Lee, Jenna R; Bathe, Emily L; Rivera, Leticia L; Mason, Kelsey L; Cessac, Mikala E; Bodeen, Jeffrey L; Miller, Dennis K; Will, Matthew J

Sigma-1 receptor antagonist, PD144418, selectively reduces female motivation for food during negative energy balance

Behavioural Brain Research v. 373, 2019: p. 112087
10.1016/j.bbr.2019.112087

Motivation; Locomotor activity; Females; Homeostasis; Progressive ratio; Sigma receptor

No. 1654

Simon, Bradley T.; Scallan, Elizabeth M.; Baetge, Courtney L.; Coursey, Caleb D.; Lizarraga, Ignacio

The antinociceptive effects of intravenous administration of three doses of butorphanol tartrate or naloxone hydrochloride following hydromorphone hydrochloride to healthy conscious cats

Veterinary Anaesthesia and Analgesia v. 46, 2019: p. 538-547
10.1016/j.vaa.2019.04.006

butorphanol; analgesia; feline; hydromorphone; naloxone; opioid

No. 1655

Prehn, Steffen G.; Laesser, Barbara E.; Clausen, Cecilie G.; Jønck, Kristina; Dabelsteen, Torben; Brask, Josefine B.

Seasonal variation and stability across years in a social network of wild giraffe

Animal Behaviour v. 157, 2019: p. 95-104
10.1016/j.anbehav.2019.08.018

fission–fusion; giraffe; seasonal comparison; social networks; social structure; sociality; temporal stability

No. 1656

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Giardia duodenalis assemblages in cats from Virginia, USA

Veterinary Parasitology: Regional Studies and Reports v. 15, 2019: p. 100257
10.1016/j.vprsr.2018.100257

Cats; Assemblage; Genotyping

No. 1657

Miao, L.P.; Li, L.L.; Zhu, M.K.; Dong, X.Y.; Elwan, H.A.M.; Zou, X.T.

Excess dietary fluoride affects laying performance, egg quality, tissue retention, serum biochemical indices, and reproductive hormones of laying hens

Poultry Science v. 98, 2019 : p. 6873-6879

10.3382/ps/pez443

egg quality; laying hen; fluoride; laying performance; tissue retention

No. 1658

Lilburn, M.S.; Pierson, E.E.M.; Robison, C.I.; Karcher, D.

Supplemental Magnesium in Diets for Growing Pullets and Hens: Growth, Skeletal Development, and Egg Production

Journal of Applied Poultry Research v. 28, 2019: p. 1202-1209

10.3382/japr/pfz086

egg production; magnesium; perches; pullets; skeletal development

No. 1659

Čondlová, Šárka; Horčíčková, Michaela; Havrdová, Nikola; Sak, Bohumil; Hlášková, Lenka; Perec-Matysiak, Agnieszka; Kicia, Marta; McEvoy, John; Kváč, Martin

Diversity of Cryptosporidium spp. in Apodemus spp. in Europe

European Journal of Protistology v. 69, 2019: p. 1-13

10.1016/j.ejop.2019.02.005

Epidemiology; Phylogeny; Rodentia; Molecular analyses

No. 1660

Huang, Chu-Long; Qu, Shen; Gao, Bing; Huang, Yunfeng; Fang, Hongda; Yan, Xiaomei; Cui, Shenghui; Xu, Ming

Effects of urbanization on phosphorus metabolism in a typical agricultural area

Journal of Cleaner Production v. 214, 2019: p. 803-815

10.1016/j.jclepro.2019.01.008

No. 1661

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Canine adenoviral vector-mediated gene transfer to the guinea pig brain

Gene Reports v. 16, 2019: p. 100432

10.1016/j.genrep.2019.100432

Brain; Guinea pig; Biodistribution; Canine adenovirus; Gene therapy; Green fluorescent protein

No. 1662

Abildgaard, Anders; Kern, Timo; Pedersen, Oluf; Hansen, Torben; Wegener, Gregers; Lund, Sten

The antidepressant-like effect of probiotics and their faecal abundance may be modulated by the cohabiting gut microbiota in rats

European Neuropsychopharmacology v. 29, 2019: p. 98-110

10.1016/j.euroneuro.2018.10.011

Probiotics; Animal model; Depression; Gut microbiota; 16s rRNA amplicon sequencing; Gut-brain axis

No. 1663

Delompré, P.L.M.; Blewett, T.A.; Goss, G.G.; Glover, C.N.

Shedding light on the effects of hydraulic fracturing flowback and produced water on phototactic behavior in Daphnia magna

Ecotoxicology and Environmental Safety v. 174, 2019: p. 315-323

10.1016/j.ecoenv.2019.03.006

Flowback and produced water; Hydraulic fracturing; Phototactic behavior

No. 1664

Ji, C.; Deng, G.; Guevara-Oquendo, V.H.; Zhang, X.; Yan, X.; Zhang, H.; Yu, P.

Infrared attenuated total reflection spectroscopic analysis and quantitative detection of forage spectral features in ruminant systems

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy v. , 2019: p. 117630

10.1016/j.saa.2019.117630

Intestine digestion; Model forages; Protein molecular structure and conformation; Rumen degradation; Truly absorbed protein supply; Univariate and multivariate molecular spectral analyses; Vibrational molecular spectroscopy-ATR-FTIR

No. 1665

Steadman, Casey J.; Hoey, Robert F.; Montgomery, Lynnette R.; Hubscher, Charles H.

Activity-Based Training Alters Penile Reflex Responses in a Rat Model of Spinal Cord Injury

The Journal of Sexual Medicine v. 16 , 2019 : p. 1143-1154
10.1016/j.jsxm.2019.05.018

Activity-based training; Ex copula sexual reflex; Locomotor training; Penile dorsiflexion reflex

No. 1666

Wang, Xue; Huo, Bennian; Liu, Jie; Huang, Xin; Zhang, Siyao; Feng, Tao
Hepatitis B virus X reduces hepatocyte apoptosis and promotes cell cycle progression through the Akt/mTOR pathway in vivo

Gene v. 691, 2019: p. 87-95

10.1016/j.gene.2018.12.054

Animal model; Apoptosis; Akt/mTOR; Cell cycle; HBx

No. 1667

Vale, Petterson; Gibbs, Holly; Vale, Ricardo; Christie, Matthew; Florence, Eduardo; Munger, Jacob; Sabaini, Derquiane

The Expansion of Intensive Beef Farming to the Brazilian Amazon

Global Environmental Change v. 57, 2019: p. 101922

10.1016/j.gloenvcha.2019.05.006

productivity; cattle; deforestation; Brazil; Amazon; confinements; feedlots; intensification

No. 1668

Li, K.; Jiang, L.; Wang, J.; Xia, L.; Zhao, R.; Cai, C.; Wang, P.; Zhan, X.; Wang, Y.

Maternal dietary supplementation with different sources of selenium on antioxidant status and mortality of chicken embryo in a model of diquat-induced acute oxidative stress

Animal Feed Science and Technology v. , 2019: p. 114369

10.1016/j.anifeedsci.2019.114369

Selenium; Oxidative stress; Chicken embryo; Diquat; Selenomethionine

No. 1669

Vieira Madureira, Tânia; Costa, Joana Luísa; Malhão, Fernanda; Lopes, Célia; Gonçalves, José F.; Rocha, Eduardo

Design of a multi-parametric profile for assessing the acclimation period of juvenile brown trout after an acute transport to new housing environment

Applied Animal Behaviour Science v. 219, 2019: p. 104835

10.1016/j.applanim.2019.104835

Behaviour; Cortisol; Animal welfare; Stress; Acclimation; Brown trout; Skin pigmentation

No. 1670

Zhang, Y.N.; Xu, R.S.; Min, L.; Ruan, D.; Kim, H.Y.; Hong, Y.G.; Chen, W.; Wang, S.; Xia, W.G.; Luo, X.; Xie, C.Y.; Shang, X.G.; Zheng, C.T.

Effects of L-methionine on growth performance, carcass quality, feather traits, and small intestinal morphology of Pekin ducks compared with conventional DL-methionine

Poultry Science v. 98, 2019: p. 6866-6872

10.3382/ps/pez438

growth performance; - and -methionine; feather trait; Pekin ducks

No. 1671

Abolhassani Targhi, Mohammad Vahid; Asgari Jafarabadi, Ghobad; Aminafshar, Mehdi; Emam Jomeh Kashan, Nasser

Comparison of non-parametric methods in genomic evaluation of discrete traits

Gene Reports v. 15, 2019: p. 100379

10.1016/j.genrep.2019.100379

Heritability; SVM; Genomic selection; QTL

No. 1672

Schou, Toke Munk; Palme, Rupert; Malmkvist, Jens

Relocation shortly after mating does not have a major impact on stress responses and reproduction in female farm mink

Applied Animal Behaviour Science v. 214, 2019: p. 89-94

10.1016/j.applanim.2019.03.007

Reproduction; Behaviour; Welfare; Handling stress; Neovison vison; Relocation

No. 1673

Harvey, J.W.; Harr, K.E.; Murphy, D.; Walsh, M.T.; de Wit, M.; Deutsch, C.J.; Bonde, R.K.

Serum Iron Analytes in Healthy and Diseased Florida Manatees (*Trichechus manatus latirostris*)

Journal of Comparative Pathology v. 173 , 2019 : p. 58-70
10.1016/j.jcpa.2019.10.006

inflammation; Florida manatee; serum iron concentration; total iron binding capacity

No. 1674

Abdelfattah, Essam; Vezzoli, Giuseppe; Makagon, Maja M.

On-farm welfare assessment of commercial Pekin ducks: a comparison of methods

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.10.006

welfare assessment; individual sampling; loadout; Pekin duck; transect walks

No. 1675

Domaradzki, Piotr; Florek, Mariusz; Skalecki, Piotr; Litwińczuk, Anna; Kędzierska-Matysek, Monika; Wolanciuk, Anna; Tajchman, Katarzyna

Fatty acid composition, cholesterol content and lipid oxidation indices of intramuscular fat from skeletal muscles of beaver (*Castor fiber L.*)

Meat Science v. 150, 2019: p. 131-140

10.1016/j.meatsci.2018.12.005

Fatty acid composition; European beaver; Lipid oxidation; Nutritional quality; Skeletal muscles

No. 1676

Haruda, A.F.; Varfolomeev, V.; Goriachev, A.; Yermolayeva, A.; Outram, A.K.

A new zooarchaeological application for geometric morphometric methods: Distinguishing *Ovis aries* morphotypes to address connectivity and mobility of prehistoric Central Asian pastoralists

Journal of Archaeological Science v. 107, 2019: p. 50-57

10.1016/j.jas.2019.05.002

Bronze age; Geometric morphometrics; Zooarchaeology; Central Asia; Pastoralism; Three-dimensional digitisation

No. 1677

Agbele, Tobechukwu; Ojeme, Blessing; Jiang, Richard

Application of local binary patterns and cascade AdaBoost classifier for mice behavioural patterns detection and analysis

Procedia Computer Science v. 159, 2019: p. 1375-1386

10.1016/j.procs.2019.09.308

machine learning; cascade AdaBoost classifier; computer vision; local binary patterns; mice behavioural pattern detection

No. 1678

Gonçalves-Anjo, Nuno; Leite-Pinheiro, Fátima; Ribeiro, Ricardo; Requicha, João Filipe; Lourenço, Ana Luísa; Dias, Isabel; Viegas, Carlos; Bastos, Estela

Toll-like receptor 9 gene in Periodontal Disease – A promising biomarker

Gene v. 687, 2019: p. 207-211

10.1016/j.gene.2018.11.060

Human; Dog; Periodontal Disease; Polymorphisms; Toll-like receptor 9

No. 1679

Wang, Rong; Wang, Min; Zhang, Xiu Min; Yang, Hua Ming; Wen, Jiang Nan; Ma, Zhi Yuan; Feng, Bai Lin; Deng, Jin Ping; Tan, Zhi Liang

Technical note: Evaluation of interval between measurements and calculation method for the quantification of enteric methane emissions measured by respiration chamber

Journal of Dairy Science v. 102, 2019: p. 6242-6247

10.3168/jds.2019-16245

calculation method; interval; methane emission; respiratory chamber

No. 1680

Wilhelmsson, S.; Yngvesson, J.; Jönsson, L.; Gunnarsson, S.; Wallenbeck, A.

Welfare Quality® assessment of a fast-growing and a slower-growing broiler hybrid, reared until 10 weeks and fed a low-protein, high-protein or mussel-meal diet

Livestock Science v. 219, 2019: p. 71-79

10.1016/j.livsci.2018.11.010

Growth rate; Hybrid; Mussel-meal; Organic production; Welfare quality

No. 1681

Tontini, Jalise Fabíola; Espírito Candal Poli, Cesar Henrique; da Silva Hampel, Viviane; Fajardo, Neuza Maria; Afonso Martins, Anelise; Pelegrine Minho, Alessandro; Muir, James Pierre

Dispersal and concentration of sheep gastrointestinal nematode larvae on tropical pastures

Small Ruminant Research v. 174 , 2019 : p. 62-68

10.1016/j.smallrumres.2019.03.013

Haemonchus contortus; Barberpole worm; Grass; L3; Legum; Pasture larval counts

No. 1683

Liu, Lei; Wang, Di; Mi, Siyuan; Duan, Zhongyi; Yang, Shuang; Song, Jiuzhou; Xu, Guiyun; Yang, Ning; Yu, Ying

The different effects of viral and bacterial mimics maternal stimuli on ethology of hens and reproduction of their offspring

Poultry Science v. 98, 2019: p. 4153-4160

10.3382/ps/pez189

LPS; laying chicken; maternal stimulus; offspring; Poly(I: C)

No. 1685

Patar, Azim; Dockery, Peter; Howard, Linda; McMahon, Siobhan

Analysis of reactive astrocytes and NG2 proteoglycan in ex vivo rat models of spinal cord injury

Journal of Neuroscience Methods v. 311, 2019: p. 418-425

10.1016/j.jneumeth.2018.09.027

Spinal cord injury; Reactive astrocytes; NG2 proteoglycans; slice culture; Stab injury; Transection injury

No. 1687

De Freitas Souza, Carine; Baldissera, Matheus D.; Verdi, Camila Marina; Santos, Roberto C.V.; Da Rocha, Maria Izabel U.M.; da Veiga, Marcelo L.; da Silva, Aleksandro S.; Baldisserotto, Bernardo

Oxidative stress and antioxidant responses in Nile tilapia *Oreochromis niloticus* experimentally infected by *Providencia rettgeri*

Microbial Pathogenesis v. 131, 2019: p. 164-169

10.1016/j.micpath.2019.04.007

Oxidative stress; Disease pathophysiology; Fish disease; Lipid damage; Reactive oxygen species

No. 1682

Zhang, Qi; Zhu, Dong; Ding, Jing; Zheng, Fei; Zhou, Shuyidan; Lu, Tao; Zhu, Yong-Guan; Qian, Haifeng

The fungicide azoxystrobin perturbs the gut microbiota community and enriches antibiotic resistance genes in *Enchytraeus crypticus*

Environment International v. 131, 2019: p. 104965

10.1016/j.envint.2019.104965

Antibiotic resistance genes; Gut microbiota; Azoxystrobin; Fungicide

No. 1684

Aoyama, Bun; Kawano, Takashi; Iwata, Hideki; Nishigaki, Atsushi; Yamanaka, Daiki; Tateiwa, Hiroki; Shigematsu-Locatelli, Marie; Eguchi, Satoru; Locatelli, Fabricio M.; Yokoyama, Masataka

Role of neurosteroid allopregnanolone on age-related differences in exercise-induced hypoalgesia in rats

Journal of Pharmacological Sciences v. 139, 2019: p. 77-83

10.1016/j.jphs.2018.11.009

Exercise; Aging; Neurosteroid; Acute pain; Allopregnanolone

No. 1686

de Oliveira, Carla; de Freitas, Joice Soares; Macedo, Isabel Cristina; Scarabelot, Vanessa Leal; Ströher, Roberta; Santos, Daniela Silva; Souza, Andressa; Fregni, Felipe; Caumo, Wolnei; Torres, Iraci L.S.

Transcranial direct current stimulation (tDCS) modulates biometric and inflammatory parameters and anxiety-like behavior in obese rats

Neuropeptides v. 73, 2019: p. 1-10

10.1016/j.npep.2018.09.006

Cytokines; BDNF; Hypercaloric diet; Obesity; Feeding behavior

No. 1688

Delrobaei, Fatemeh; Fatemi, Iman; Shamsizadeh, Ali; Allahtavakoli, Mohammad

Ascorbic acid attenuates cognitive impairment and brain oxidative stress in ovariectomized mice

Pharmacological Reports v. 71, 2019: p. 133-138

10.1016/j.pharep.2018.10.001

Oxidative stress; Ovariectomy; Learning and memory; Ascorbic acid

No. 1689

Girardi, Fabricia Modolo; da Fonseca, Leandro Abreu; Ribeiro Filho, José Dantas; Souto, Pollyanna Cordeiro; Ferreira, Dayana Alersa Conceição; Dornelas, Lorraine Rossi Signorelli Machado; Bento, Lucas Drumond; de Carvalho Filho, Wilson Pinheiro

Influence of Obesity on Serum Concentrations of Acute-Phase Proteins in Horses

Journal of Equine Veterinary Science v. 83 , 2019 : p. 102810
10.1016/j.jevs.2019.102810

Inflammation; Biomarkers; Acute-phase response; obesity

No. 1690

Silva, A.A.; Silva, D.A.; Silva, F.F.; Costa, C.N.; Lopes, P.S.; Caetano, A.R.; Thompson, G.; Carvalheira, J.

Autoregressive single-step test-day model for genomic evaluations of Portuguese Holstein cattle

Journal of Dairy Science v. 102, 2019: p. 6330-6339

10.3168/jds.2018-15191

autoregressive test-day model; Holstein cattle; single-step genomic BLUP

No. 1691

Campero, Lucía María; Schott, Franziska; Gottstein, Bruno; Deplazes, Peter; Sidler, Xaver; Basso, Walter

Detection of antibodies to Toxoplasma gondii in oral fluid from pigs

International Journal for Parasitology v. , 2019: p.

10.1016/j.ijpara.2019.11.002

Toxoplasmosis; Swine; IgA; Saliva; Cotton rope; IgG

No. 1692

Hoffman, Jay R.; Gepner, Yftach; Cohen, Hagit

β -Alanine supplementation reduces anxiety and increases neurotrophin expression in both young and older rats

Nutrition Research v. 62, 2019: p. 51-63

10.1016/j.nutres.2018.11.001

Learning; BDNF; Aging; Anxiety; Carnosine

No. 1693

Tu, Bo-Xuan; Wang, Lai-Fa; Zhong, Xiao-Lin; Hu, Zhao-Lan; Cao, Wen-Yu; Cui, Yan-Hui; Li, Song-Ji; Zou, Guang-Jing; Liu, Yu; Zhou, Shi-Fen; Zhang, Wen-Juan; Su, Jing-Zhi; Yan, Xiao-Xin; Li, Fang; Li, Chang-Qi

Acute restraint stress alters food-foraging behavior in rats: Taking the easier Way while suffered

Brain Research Bulletin v. 149, 2019: p. 184-193

10.1016/j.brainresbull.2019.04.021

Cognitive impairment; Decision-making; Early response genes; Social competition

No. 1694

ZHOU, Ying; LI, Xiu-mei; ZHANG, Min-hong; FENG, Jing-hai

Effect of relative humidity at either acute or chronic moderate temperature on growth performance and droppings' corticosterone metabolites of broilers

Journal of Integrative Agriculture v. 18, 2019: p. 152-159

10.1016/S2095-3119(18)62049-0

broiler; relative humidity; acute moderate temperature; chronic moderate temperature; droppings' corticosterone metabolites

No. 1695

Inagaki, H.; Kurganov, E.; Park, Y.; Furube, E.; Miyata, S.

Oral gavage of capsaicin causes TRPV1-dependent acute hypothermia and TRPV1-independent long-lasting increase of locomotor activity in the mouse

Physiology & Behavior v. 206, 2019: p. 213-224

10.1016/j.physbeh.2019.04.015

Hypothalamus; Brain; Thermoregulation; Spice; TRPV1

No. 1696

Whitlon, Donna S.; Young, Hunter; Barna, Mark; Depreux, Frédéric; Richter, Claus-Peter

Hearing differences in Hartley guinea pig stocks from two breeders

Hearing Research v. 379, 2019: p. 69-78

10.1016/j.heares.2019.04.016

Guinea pig; ABR; Hearing; Linear mixed model; Noise-induced threshold shifts; Outbred; Sex

No. 1697

Larsen, Frederik T.; Bed'Hom, Bertrand; Naghizadeh, Mohammad; Kjærup, Rikke B.; Zohari, Siamak; Dalgaard, Tina S.

Immunoprofiling of peripheral blood from infectious bronchitis virus vaccinated MHC-B chicken lines – Monocyte MHC-II expression as a potential correlate of protection

Developmental & Comparative Immunology v. 96 , 2019 : p. 93-102
10.1016/j.dci.2019.02.004

Vaccination; Chicken; IBV; Immune correlates; MHC haplotypes; Monocyte MHC-II expression

No. 1699

Kokoszynski, Dariusz; Arpašová, Henrieta; Hrnčar, Cyril; Żochowska-Kujawska, Joanna; Kotowicz, Marek; Sobczak, Małgorzata

Carcass characteristics, chemical composition, physicochemical properties, texture, and microstructure of meat from spent Pekin ducks

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.09.003

meat quality; carcass composition; genetic resource; spent duck

No. 1701

Coelho, Clarisse Simões; Adam, Gustavo Luiz; Agra de Omena e Silva, Gabriella; Silva de Carvalho, Renan; Cuña de Souza, Vinicius Ricardo; Fazio, Francesco

Heart Rate Monitoring in Mangalarga Marchador Horses During a Field Marcha Test

Journal of Equine Veterinary Science v. 79, 2019: p. 50-53

10.1016/j.jevs.2019.05.020

Exercise; Performance; Heart rate; Marcha tests

No. 1703

Loureiro, Tainã Gonçalves; Anastácio, Pedro Manuel; Bueno, Sérgio Luiz de Siqueira; Wood, Camila Timm; Araujo, Paula Beatriz

Food matters: Trophodynamics and the role of diet in the invasion success of *Procambarus clarkii* in an Atlantic Forest conservation area

Limnologia v. 79, 2019: p. 125717

10.1016/j.limno.2019.125717

Feeding behavior; Diet composition; Invasive alien species (IAS); Red swamp crayfish; Stomach degree of fullness (SDF); Trophic ecology

No. 1698

Leite, N.R.; Campideli, T.S.; Rodriguez-Rodriguez, M.D.P.; Pereira, B.M.; Ferreira, T.A.; Abreu, L.R.A.; Fernandes, A.F.A.; Turra, E.M.; Silva, M.A.; Bonafé, C.M.

Genotype x environmental interaction of growth traits to different levels of dietetic lysine for GIFT tilapia

Aquaculture v. 499, 2019: p. 364-372

10.1016/j.aquaculture.2018.09.058

Genetic sensitivity; Heterogeneity variance; Random regression models; Reaction norms

No. 1700

Heyman, Yael; Vilk, Yael; Feinerman, Ofer

Ants Use Multiple Spatial Memories and Chemical Pointers to Navigate Their Nest

iScience v. 14, 2019: p. 264-276

10.1016/j.isci.2019.04.003

Biological Sciences; Entomology; Wildlife Behavior

No. 1702

Jasaszwili, Mariami; Wojciechowicz, Tatiana; Billert, Maria; Strowski, Mathias Z.; Nowak, Krzysztof W.; Skrzypski, Marek

Effects of adropin on proliferation and differentiation of 3T3-L1 cells and rat primary preadipocytes

Molecular and Cellular Endocrinology v. 496, 2019: p. 110532

10.1016/j.mce.2019.110532

Differentiation; Proliferation; Adipogenesis; 3T3-L1; Adropin; Enho; Preadipocytes

No. 1704

Yagi, Masayuki; Morishita, Koji; Ueno, Akinori; Nakamura, Hajime; Akabori, Hiroya; Senda, Atsushi; Kojima, Mitsuaki; Aiboshi, Junichi; Costantini, Todd; Coimbra, Raul; Otomo, Yasuhiro

Electrical stimulation of the vagus nerve improves intestinal blood flow after trauma and hemorrhagic shock

Surgery v. , 2019: p.

10.1016/j.surg.2019.09.024

No. 1705

Dabaja, M.F.; Greco, G.; Villari, S.; Vesco, G.; Bayan, A.; Bazzal, B. El; Ibrahim, E.; Gargano, V.; Sciacca, C.; Lelli, R.; Ezzedine, M.; Mortada, H.; Tempesta, M.; Mortada, M.

Occurrence and risk factors of *Coxiella burnetii* in domestic ruminants in Lebanon

Comparative Immunology, Microbiology and Infectious Diseases v. 64 , 2019 : p. 109-116

10.1016/j.cimid.2019.03.003

Sheep; Goats; Cattle; Seroprevalence; Q fever; Risk factors; Milk excretion

No. 1707

Wang, De-He; Chen, Hui; Zhou, Rong-Yan; Huang, Chen-Xuan; Gao, Hui-Xian; Fan, Bao-Liang; Liu, Guo-Jia; Ning, Zhong-Hua

Study of measurement methods on phenotype of translucent eggs

Poultry Science v. 98, 2019: p. 6677-6683

10.3382/ps/pez539

colorimeter; grayscale recognition; hen; scoring method; translucent eggshell

No. 1709

Grigoletto, Laís; Brito, Luiz Fernando; Mattos, Elisângela C.; Eler, Joanir Pereira; Bussiman, Fernando Oliveira; Silva, Barbara da Conceição Abreu; da Silva, Rosiane Pereira; Carvalho, Felipe Eguti; Berton, Mariana Piatto; Baldi, Fernando; Ferraz, José B

Genome-wide associations and detection of candidate genes for direct and maternal genetic effects influencing growth traits in the Montana Tropical® Composite population

Livestock Science v. 229, 2019: p. 64-76

10.1016/j.livsci.2019.09.013

Growth; Crossbreeding; Biological pathways; Composite; Genome-wide association; Tropical beef cattle

No. 1711

Xu, Q.Q.; Zhang, X.Y.; Zou, X.T.; Dong, X.Y.

Effects of in ovo injection of L-histidine on hatch performance and post-hatch development in domestic pigeons (*Columba livia*)

Poultry Science v. 98, 2019: p. 3194-3203

10.3382/ps/pez046

hatchability; intestinal morphology; carcass traits; histidine; in ovo injection; pigeon

No. 1706

Abad, Ahmad Safari Sultan; Falanji, Farahnaz; Ghanbarabadi, Mustafa; Rad, Abolfazl; Nazemi, Samad; Pejhan, Akbar; Amin, Bahareh

Assessment of anti-nociceptive effect of allopurinol in a neuropathic pain model

Brain Research v. 1720, 2019: p. 146238

10.1016/j.brainres.2019.04.033

Oxidative stress; Apoptosis; Neuropathic pain; Glia; Adenosine A1 receptors; Allopurinol; Xanthine oxidase inhibitor

No. 1708

Campos, Daniel P.; Abatti, Paulo J.; Bertotti, Fábio L.; De Paula Vieira, Andreia; Hill, João A.G.; da Silveira, André L.F.

Short-term fibre intake estimation in goats using surface electromyography of the masseter muscle

Biosystems Engineering v. 183, 2019: p. 209-220

10.1016/j.biosystemseng.2019.04.021

Chewing pattern; Electronic instrumentation; Intake prediction; Precision livestock farming (PLF); sEMG; Signal processing

No. 1710

Bae, Jeong-Won; Kim, So-Hye; Kim, Dae-Hyun; Ha, Jae Jung; Yi, Jun Koo; Hwang, Seongsoo; Ryu, Buom-Yong; Pang, Myung-Geol; Kwon, Woo-Sung

Ras-related proteins (Rab) are key proteins related to male fertility following a unique activation mechanism

Reproductive Biology v. 19, 2019: p. 356-362

10.1016/j.repbio.2019.10.001

Spermatozoa; Acrosome reaction; Capacitation; Male fertility; Rab proteins

No. 1712

Li, Ang; Strokol, Maryna; Bai, Zhaohai; Kroeze, Carolien; Ma, Lin

How to avoid coastal eutrophication - a back-casting study for the North China Plain

Science of The Total Environment v. 692, 2019: p. 676-690

10.1016/j.scitotenv.2019.07.306

Nutrients; Manure management; China; Coastal eutrophication; MARINA 1.0 model; River pollution

No. 1713

Kim, Hee-Jin; Kim, Dongwook; Kim, Nam-Young; Kim, JinSoo; Jang, Aera
Anti-wrinkle and anti-inflammatory effects of a combination of topically applied horse oil and dietary enzyme hydrolysates from horse bone

Process Biochemistry v. , 2019 : p.

10.1016/j.procbio.2019.11.010

Anti-wrinkle effect; Horse bone hydrolysates; Horse oil; Transepidermal water loss; UV-B

No. 1714

Park, Hyun-Jung; Song, Hyuk; Woo, Jae-Seok; Chung, Hak-Jae; Park, Jin-Ki; Cho, Kwang-Hyun; Mo Yeo, Joon; Lee, Won-Young

Expression patterns of male germ cell markers in cryptorchid pig testes

Acta Histochemica v. 121, 2019: p. 784-790

10.1016/j.acthis.2019.06.010

Apoptosis; Pig; Testis; Cryptorchidism; Germ cell

No. 1715

McConnel, C.S.; Nelson, D.D.; Burbick, C.R.; Buhrig, S.M.; Wilson, E.A.; Klatt, C.T.; Moore, D.A.

Clarifying dairy calf mortality phenotypes through postmortem analysis

Journal of Dairy Science v. 102, 2019: p. 4415-4426

10.3168/jds.2018-15527

dairy calf; mortality; phenotype; postmortem; typhlitis

No. 1716

Ma, W.Q.; Cheng, H.Z.; Zhao, D.H.; Yang, J.; Wang, S.B.; Wu, H.Z.; Lu, M.Y.; Xu, L.; Liu, G.J.

Effects of dietary Enteromorpha powder supplementation on productive performance, egg quality, and antioxidant performance during the late laying period in Zi geese

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.10.003

egg quality; antioxidant; powder; productive performance; Zi goose

No. 1717

Yan, Feihu; He, Shihua; Banadyga, Logan; Zhu, Wenjun; Zhang, Huajun; Rahim, Md Niaz; Collignon, Brad; Senthilkumaran, Chandrika; Embury-Hyatt, Carissa; Qiu, Xiangguo

Characterization of Reston virus infection in ferrets

Antiviral Research v. 165, 2019: p. 1-10

10.1016/j.antiviral.2019.03.001

Ebolavirus; Ferret; Lethal disease; Reston virus

No. 1718

Guex, Camille Gaube; Reginato, Fernanda Ziegler; de Jesus, Patrícia Romualdo; Brondani, Juliana Calil; Lopes, Gilberti Helena Hübscher; Bauermann, Liliane de Freitas

Antidiabetic effects of Olea europaea L. leaves in diabetic rats induced by high-fat diet and low-dose streptozotocin

Journal of Ethnopharmacology v. 235, 2019: p. 1-7

10.1016/j.jep.2019.02.001

Streptozotocin; High-fat diet; Diabetes mellitus; Oleaceae; Olive

No. 1719

Eierman, Laura E.; Laccetti, Kristen; Melillo-Sweeting, Kelly; Kaplan, J. Daisy

Interspecies pectoral fin contact between bottlenose dolphins and Atlantic spotted dolphins off Bimini, The Bahamas

Animal Behaviour v. 157, 2019: p. 167-176

10.1016/j.anbehav.2019.09.002

affiliative interspecies interaction; Atlantic spotted dolphin; bottlenose dolphin; foraging; pectoral fin contact; predator avoidance; social interaction

No. 1720

Clarke, Tracey; Mills, Daniel; Cooper, Jonathan

Exploring the utility of traditional breed group classification as an explanation of problem-solving behavior of the domestic dog (Canis familiaris)

Journal of Veterinary Behavior v. 33, 2019: p. 103-107

10.1016/j.jveb.2019.06.004

classification; behavior; dog breed groups; problem-solving

No. 1721

Niu, Kai-Min; Khosravi, Sanaz; Kothari, Damini; Lee, Woo-Do; Lim, Jeong-Min; Lee, Bong-Joo; Kim, Kang-Woong; Lim, Sang-Gu; Lee, Sang-Min; Kim, Soo-Ki

Effects of dietary multi-strain probiotics supplementation in a low fishmeal diet on growth performance, nutrient utilization, proximate composition, immune parameters, and gut microbiota of juvenile olive flounder (*Paralichthys olivaceus*)

Fish & Shellfish Immunology v. 93 , 2019 : p. 258-268
10.1016/j.fsi.2019.07.056

Probiotics; Immunity; Gut microbiota; Low fishmeal aquafeed; Olive flounder

No. 1723

Künzel, Susanne; Bennewitz, Jörn; Rodehutschord, Markus

Genetic parameters for bone ash and phosphorus utilization in an F2 cross of Japanese quail

Poultry Science v. 98, 2019: p. 4369-4372
10.3382/ps/pez398

heritability; foot ash; indirect selection trait; phosphorus utilization; tibia ash

No. 1725

Taghipour, Ali; Javanmard, Ehsan; Mirjalali, Hamed; Haghighi, Ali; Tabarsi, Payam; Sohrabi, Mohamad Reza; Zali, Mohammad Reza

Blastocystis subtype 1 (allele 4); Predominant subtype among tuberculosis patients in Iran

Comparative Immunology, Microbiology and Infectious Diseases v. 65, 2019: p. 201-206
10.1016/j.cimid.2019.06.005

Tuberculosis; Iran; Allele discrimination; Socio-economic factor; Subtyping

No. 1727

Clasen, J.B.; Fogh, A.; Kargo, M.

Differences between performance of F1 crossbreds and Holsteins at different production levels

Journal of Dairy Science v. 102, 2019: p. 436-441
10.3168/jds.2018-14975

crossbreeding; dairy cow; herd management

No. 1722

Dervisevic, Mirsada; Dimitrovska, Maja; Cipanovska, Natasa; Dinevska-Kjovkarovska, Suzana; Miova, Biljana

Heat preconditioning and aspirin treatment attenuate hepatic carbohydrate-related disturbances in diabetic rats

Journal of Thermal Biology v. 79, 2019: p. 190-198
10.1016/j.jtherbio.2018.12.005

Aspirin; Carbohydrate-related enzymes and substrates; Experimental diabetes; Heat preconditioning

No. 1724

Viana Borges, Juliano; Souza de Freitas, Betânia; Antoniazzi, Vinicius; de Souza dos Santos, Cristophod; Vedovelli, Kelem; Naziaseno Pires, Vivian; Paludo, Leticia; Martins de Lima, Maria Noêmia; Bromberg, Elke

Social isolation and social support at adulthood affect epigenetic mechanisms, brain-derived neurotrophic factor levels and behavior of chronically stressed rats

Behavioural Brain Research v. 366, 2019: p. 36-44
10.1016/j.bbr.2019.03.025

Memory; Histone deacetylase; Histone; Acetylation; Chronic unpredictable stress; Social buffering

No. 1726

Dražbo, A; Kozłowski, K; Ognik, K; Zaworska, A; Jankowski, J

The effect of raw and fermented rapeseed cake on growth performance, carcass traits, and breast meat quality in turkey

Poultry Science v. 98, 2019: p. 6161-6169
10.3382/ps/pez322

fermentation; meat quality; turkey; carcass trait; rapeseed cake

No. 1728

Bai, Bo; Yang, Wulin; Fu, Yanyun; Foon, Hannah Lee; Tay, Wan Ting; Yang, Kangmin; Luo, Cuiting; Gunaratne, Jayantha; Lee, Philip; Zile, Michael R.; Xu, Aimin; Chin, Calvin W.L.; Lam, Carolyn S.P.; Han, Weiping; Wang, Yu

Seipin Knockout Mice Develop Heart Failure With Preserved Ejection Fraction

JACC: Basic to Translational Science v. 4, 2019: p. 924-937
10.1016/j.jacbts.2019.07.008

fibrosis; heart failure with preserved ejection fraction; neutrophil; seipin; titin

No. 1729

Hu, Hong; Dai, Sifa; Li, Jiaqi; Wen, Aiyu; Bai, Xi

Glutamine improves heat stress-induced oxidative damage in the broiler thigh muscle by activating the nuclear factor erythroid 2-related 2/Kelch-like ECH-associated protein 1 signaling pathway

Poultry Science v. , 2019 : p.
10.1016/j.psj.2019.11.001

heat stress; meat quality; antioxidant capacity; glutamine; Nrf2-Keap1 signaling pathway

No. 1730

Wang, C.; Liu, Z.L.; Xue, J.J.; Wang, Y.M.; Huang, X.F.; Wang, Q.G.

Effect of Stocking Density on Growth Performance, Feather Quality, Carcass Traits, and Muscle Chemical Component of Geese from 49 to 70 Days of Age

Journal of Applied Poultry Research v. 28, 2019: p. 1297-1304
10.3382/japr/pfz097

geese; stocking density; growth performance; carcass trait; feather quality; muscle chemical component

No. 1731

Ullah, Saif; Zhang, Maoduo; Yu, Hao; Mustafa, Sheeraz; Shafiq, Muhammad; Wei, Quanwei; Wang, Wei; Jan, Muhammad; Mao, Dagan

Heat exposure affected the reproductive performance of pregnant mice: Enhancement of autophagy and alteration of subcellular structure in the corpus luteum

Reproductive Biology v. 19, 2019: p. 261-269
10.1016/j.repbio.2019.06.006

Heat stress; Corpus luteum; Autophagosome; Implantation sites; Steroidogenic cells

No. 1732

Manouze, Houria; Bouchatta, Otmane; Bennis, Mohamed; Sokar, Zahra; Ba-M'hamed, Saadia

Anticonvulsive and neuroprotective effects of aqueous and methanolic extracts of Anacyclus pyrethrum root in kainic acid-induced-status epilepticus in mice

Epilepsy Research v. 158, 2019: p. 106225
10.1016/j.eplepsyres.2019.106225

Mice; Kainic acid; Anticonvulsant; Neuroprotective

No. 1733

Xu, Zhi-Yong; Yu, Yan; Liu, Yan; Ou, Chang-Bo; Zhang, Yan-Hong; Liu, Ting-Yu; Wang, Qiu-Xia; Ma, Jin-You

Differential expression of pro-inflammatory and anti-inflammatory genes of layer chicken bursa after experimental infection with infectious bursal disease virus

Poultry Science v. 98, 2019: p. 5307-5314
10.3382/ps/pez312

gene expression; anti-inflammatory gene; infectious bursal disease virus; pro-inflammatory gene; VP3

No. 1734

Kheirabadi, Khabat; Rashidi, Amir

Modelling and genetic evaluation of Markhoz goat growth curve parameters

Small Ruminant Research v. 170, 2019: p. 43-50
10.1016/j.smallrumres.2018.11.017

Genetic trend; Environmental effects; Heritabilities; Model fitting; SAEM

No. 1735

Dubost, Jean-Marc; Lamxay, Vichith; Krief, Sabrina; Falshaw, Michael; Manithip, Chanthanom; Deharo, Eric

From plant selection by elephants to human and veterinary pharmacopeia of mahouts in Laos

Journal of Ethnopharmacology v. 244, 2019: p. 112157
10.1016/j.jep.2019.112157

No. 1736

Matrov, Denis; Kaart, Tanel; Lanfumey, Laurence; Maldonado, Rafael; Sharp, Trevor; Tordera, Rosa M.; Kelly, Paul A.; Deakin, Bill; Harro, Jaanus

Cerebral oxidative metabolism mapping in four genetic mouse models of anxiety and mood disorders

Behavioural Brain Research v. 356, 2019: p. 435-443
10.1016/j.bbr.2018.05.031

Animal model; Depression; Cytochrome oxidase histochemistry; Genetically modified mice; Oxidative metabolism

No. 1737

Xing, Kai; Qi, Xiaolong; Ni, Hemin; Wang, Xiangguo; Guo, Yong; Sheng, Xihui

Transcriptional analyses of endometrial caruncles in sheep with in vivo / in vitro produced embryos during the peri-implantation period

Reproductive Biology v. 19 , 2019 : p. 404-411
10.1016/j.repbio.2019.09.008

Sheep; IVF; Embryo implantation; Endometrial caruncles; Microarray

No. 1738

Welz, Patrick-Simon; Zinna, Valentina M.; Symeonidi, Aikaterini; Koronowski, Kevin B.; Kinouchi, Kenichiro; Smith, Jacob G.; Guillén, Inés Marín; Castellanos, Andrés; Furrow, Stephen; Aragón, Ferrán; Crainiciuc, Georgiana; Prats, Neus; Caballero, Juan Mar

BMAL1-Driven Tissue Clocks Respond Independently to Light to Maintain Homeostasis

Cell v. 177, 2019: p. 1436-1447.e12

10.1016/j.cell.2019.05.009

No. 1739

van Hal, O.; de Boer, I.J.M.; Muller, A.; de Vries, S.; Erb, K.-H.; Schader, C.; Gerrits, W.J.J.; van Zanten, H.H.E.

Upcycling food leftovers and grass resources through livestock: Impact of livestock system and productivity

Journal of Cleaner Production v. 219, 2019: p. 485-496

10.1016/j.jclepro.2019.01.329

Food waste; Circular food system; Feed-food competition; Livestock production; Nutrition security; Resource use efficiency

No. 1740

Cavalieri, John

Absence of a corpus luteum and relatively lesser concentrations of progesterone during the period of pre-ovulatory follicle emergence results in lesser pregnancy rates in Bos indicus cattle

Animal Reproduction Science v. 204, 2019: p. 39-49

10.1016/j.anireprosci.2019.03.003

Progesterone; Fertility; Oestrous synchronisation

No. 1741

Cox, J.F.; Navarrete, F.; Carrasco, A.; Dorado, J.; Saravia, F.

Effect of bST administration on plasma concentrations of IGF-I and follicular dynamics and ovulation during the interovulatory cycle of sheep and goats

Theriogenology v. 123, 2019: p. 159-166

10.1016/j.theriogenology.2018.10.003

Goats; IGF-I; bST; Ewes; Follicular dynamics; Plasma levels

No. 1742

Zarei-Behjani, Zeinab; Soleimani, Masoud; Atashi, Amir; Ebrahimi-Barough, Somayeh; Ai, Jafar; Hamidieh, Amir Ali

Tracking of GFP-labeled unrestricted somatic stem cells transplanted in the sepsis mouse model

Tissue and Cell v. 60, 2019: p. 33-37

10.1016/j.tice.2019.07.009

Sepsis; Cell tracking; Cell transplantation; Optical imaging; Umbilical cord blood

No. 1743

Yang, Lijuan; Lai, Fenju; He, Lei; Lu, Yongjun; Zhong, Qiwan; Lai, Chongde; Dai, Yimin

LI1035, a putative effector secreted by Lawsonia intracellularis, targets the MAPK pathway and regulates actin organization in yeast and mammalian cells

Veterinary Microbiology v. 235, 2019: p. 127-135

10.1016/j.vetmic.2019.06.009

Actin organization; LI1035; MAPK

No. 1744

Cowieson, A.J.; Smith, A.; Sorbara, J.O.B.; Pappenberger, G.; Olukosi, O.A.

Efficacy of a Mono-Component Exogenous Protease in the Presence of a High Concentration of Exogenous Phytase on Growth Performance of Broiler Chickens

Journal of Applied Poultry Research v. 28, 2019: p. 638-646

10.3382/japr/pfz014

broiler; nutrition; growth performance; phytase; protease

No. 1745

Ruan, D; Fouad, A M; Zhang, Y N; Wang, S; Chen, W; Xia, W G; Jiang, S Q; Yang, L; Zheng, C T

Effects of dietary lysine on productivity, reproductive performance, protein and lipid metabolism-related gene expression in laying duck breeders

Poultry Science v. 98 , 2019 : p. 5734-5745

10.3382/ps/pez361

performance; laying duck breeders; lipid metabolism; lysine; proteolysis

No. 1747

Ding, Xianting; Krutzik, Peter O.; Ghaffari, Amir Ali; Zhaozhi, Yixiu; Miranda, Daniel; Cheng, Genhong; Ho, Chih-Ming; Nolan, Garry P.; Sanchez, David Jesse

Cellular Signaling Analysis shows antiviral, ribavirin-mediated ribosomal signaling modulation

Antiviral Research v. 171, 2019: p. 104598

10.1016/j.antiviral.2019.104598

No. 1749

Losada-Barragán, Monica; Umaña-Pérez, Adriana; Rodriguez-Vega, Andrés; Cuervo-Escobar, Sergio; Azevedo, Renata; Morgado, Fernanda N.; de Frias Carvalho, Vinicius; Aquino, Priscila; Carvalho, Paulo C.; Porrozz, Renato; Sánchez-Gómez, Myriam; Padron, Gabri

Proteomic profiling of splenic interstitial fluid of malnourished mice infected with Leishmania infantum reveals defects on cell proliferation and pro-inflammatory response

Journal of Proteomics v. 208, 2019: p. 103492

10.1016/j.jprot.2019.103492

Proteomics; Mass spectrometry; Spleen; Interstitial fluid secretome; Protein malnutrition; Visceral leishmaniasis

No. 1751

Liu, Min; Dries, Liesbeth; Huang, Jikun; Min, Shi; Tang, Jianjun

The impacts of the eco-environmental policy on grassland degradation and livestock production in Inner Mongolia, China: An empirical analysis based on the simultaneous equation model

Land Use Policy v. 88, 2019: p. 104167

10.1016/j.landusepol.2019.104167

Livestock production; Eco-environmental program; Grassland condition; Pastoral area; Simultaneous equation model

No. 1746

Lesnak, Joseph; Sluka, Kathleen A

Chronic non-inflammatory muscle pain: central and peripheral mediators

Current Opinion in Physiology v. 11, 2019: p. 67-74

10.1016/j.cophys.2019.06.006

No. 1748

Jeon, Se Min; Hosseindoust, Abdolreza; Choi, Yo Han; Kim, Min Ju; Kim, Kwang Yeol; Lee, Jun Hyung; Kil, Dong Yong; Kim, Beob Gyun; Chae, Byung Jo

Comparative standardized ileal amino acid digestibility and metabolizable energy contents of main feed ingredients for growing pigs when adding dietary β -mannanase

Animal Nutrition v. 5, 2019: p. 359-365

10.1016/j.aninu.2019.07.001

Ammonia; Growing pigs; Metabolizable energy; Standardized ileal amino acids; β -mannanase

No. 1750

Anzures-Olvera, F.; Véliz, F.G.; de Santiago, A.; García, J.E.; Mellado, J.; Macías-Cruz, U.; Avendaño-Reyes, L.; Mellado, M.

The impact of hair coat color on physiological variables, reproductive performance and milk yield of Holstein cows in a hot environment

Journal of Thermal Biology v. 81, 2019: p. 82-88

10.1016/j.jtherbio.2019.02.020

Heat stress; Milk yield; Body surface temperature; Hematological variables; Panting score

No. 1752

Li, Dan; Li, Pei; Song, Nianping; Jiang, Yuting; Zeng, Yang; Zhao, Guangyu; Fa, Yunzhi; Ye, Huahu; Lone, Yuchun; Zhou, Yusen; Sun, Shihui; Zeng, Lin

Identification of novel HLA-A11-restricted T-cell epitopes in the Ebola virus nucleoprotein

Microbes and Infection v. 21, 2019: p. 56-62

10.1016/j.micinf.2018.04.005

Vaccine; Ebola virus; HLA-A11-restricted epitope

No. 1753

Geng, Xiwen; Wang, Xuenan; He, Feng; Zhang, Xiao; Xie, Jinlu; Gao, Guangheng; Han, Hongyu; Yao, Xiaomeng; Zhang, Haiyan; Gao, Yunfeng; Wang, Yanan; Wang, Min

Spike and Local Field Synchronization Between the Pedunculopontine Nucleus and Primary Motor Cortex in a Rat Model of Parkinson's Disease

Neuroscience v. 404 , 2019 : p. 470-483

10.1016/j.neuroscience.2019.01.044

Parkinson's disease; local field potential; coherence; motor cortex; spike; the pedunculopontine nucleus

No. 1754

Abu-Taweel, Gasem Mohammad; Mohsen G, Al-Mutary; Antonisamy, Paulrayer; Arokiyaraj, Selvaraj; Kim, Hak-Jae; Kim, Sun-Ju; Park, Kyeong Hun; Kim, Young Ock

Spirulina consumption effectively reduces anti-inflammatory and pain related infectious diseases

Journal of Infection and Public Health v. 12, 2019: p. 777-782

10.1016/j.jiph.2019.04.014

Analgesic; Anti-inflammatory; extract; Oedema; Phytochemicals

No. 1755

Chery, Joyce G.; Acevedo-Rodríguez, Pedro; Rothfels, Carl J.; Specht, Chelsea D.

Phylogeny of Paullinia L. (Paullinieae: Sapindaceae), a diverse genus of lianas with dynamic fruit evolution

Molecular Phylogenetics and Evolution v. 140, 2019: p. 106577

10.1016/j.ympev.2019.106577

High-throughput sequencing; Guaraná; Microfluidic PCR; Single-copy nuclear markers; Stochastic character mapping

No. 1756

Farhat, Elie; Turenne, Eric D.; Choi, Kevin; Weber, Jean-Michel

Hypoxia-induced remodelling of goldfish membranes

Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology v. 237, 2019: p. 110326

10.1016/j.cbpb.2019.110326

Cholesterol; Fatty acid composition; Hypoxia acclimation; Membrane restructuring; Metabolic suppression; Phospholipids

No. 1757

Otranto, Domenico; Iatta, Roberta; Baneth, Gad; Cavallera, Maria Alfonsa; Bianco, Angelica; Parisi, Antonio; Dantas-Torres, Filipe; Colella, Vito; McMillan-Cole, Audrey C.; Chomel, Bruno

High prevalence of vector-borne pathogens in domestic and wild carnivores in Iraq

Acta Tropica v. 197, 2019: p. 105058

10.1016/j.actatropica.2019.105058

Dogs; Vector-borne disease; Cats; Foxes; Iraq; Jackals; sp. MML

No. 1758

Cao, Fei; Yang, Zhenglin; Yin, Lixue

A fetal mouse model of ventricular non-compaction using retinoic acid

Pathology - Research and Practice v. 215, 2019: p. 152496

10.1016/j.prp.2019.152496

Animal model; Non-Compaction of ventricular myocardium (NVM); Retinoic acid (RA)

No. 1759

Demko, Alana D.; Sosa-López, J. Roberto; Mennill, Daniel J.

Subspecies discrimination on the basis of acoustic signals: a playback experiment in a Neotropical songbird

Animal Behaviour v. 157, 2019: p. 77-85

10.1016/j.anbehav.2019.08.021

character displacement; playback experiment; rufous-capped warbler; song variation

No. 1760

Fathimoghdam, Hadi; Farbod, Yaghoub; Ghadiri, Ataallah; Fatemi, Rouhollah

Moderating effects of crocin on some stress oxidative markers in rat brain following demyelination with ethidium bromide

Heliyon v. 5, 2019: p. e01213

10.1016/j.heliyon.2019.e01213

Neuroscience

No. 1761

Yamamoto, Masamichi; Kim, Minsoo; Imai, Hirohiko; Itakura, Yamato; Ohtsuki, Gen

Microglia-Triggered Plasticity of Intrinsic Excitability Modulates Psychomotor Behaviors in Acute Cerebellar Inflammation

Cell Reports v. 28 , 2019 : p. 2923-2938.e8
10.1016/j.celrep.2019.07.078

cerebellum; dendritic excitability; functional connectivity; inflammatory cytokines; intrinsic plasticity; microglia; psychomotor behaviors; Purkinje cells; synaptic currents

No. 1763

Becken, Susanne; Connolly, Rod M.; Chen, Jinyan; Stantic, Bela

A hybrid is born: Integrating collective sensing, citizen science and professional monitoring of the environment

Ecological Informatics v. 52, 2019: p. 35-45
10.1016/j.ecoinf.2019.05.001

Monitoring; Citizen science; Collective sensing; Coral; Great barrier reef; Hybrid system

No. 1765

Hammond, Tayla; Bombail, Vincent; Nielsen, Birte L.; Meddle, Simone L.; Lawrence, Alistair B.; Brown, Sarah M.

Relationships between play and responses to tickling in male juvenile rats

Applied Animal Behaviour Science v. 221, 2019: p. 104879
10.1016/j.applanim.2019.104879

Male rats; Play; Positive affective states; Positive animal welfare; Tickling

No. 1767

Zorzenon, Maria Rosa Trentin; Santiago, Amanda Nunes; Mori, Marco Aurélio; Piovan, Silvano; Jansen, Cler Antônia; Perina Padilha, Maria Eduarda; Ciotta, Simone Rocha; Cezar de Freitas Mathias, Paulo; Guimarães, Francisco Silveira; Weffort de Oliveira, Rub

Cannabidiol improves metabolic dysfunction in middle-aged diabetic rats submitted to a chronic cerebral hypoperfusion
Chemico-Biological Interactions v. 312, 2019: p. 108819
10.1016/j.cbi.2019.108819

Insulin; Diabetes mellitus; Cerebral ischemia; Fructosamine; Middle-aged rats

No. 1762

Soler, Lourdes; Dąbrowski, Roman; García, Natalia; Alava, María A.; Lampreave, Fermín; Piñeiro, Matilde; Wawron, Władysław; Szczubiał, Marek; Bochniarz, Mariola

Acute-phase inter-alpha-trypsin inhibitor heavy chain 4 (ITIH4) levels in serum and milk of cows with subclinical mastitis caused by Streptococcus species and coagulase-negative Staphylococcus species

Journal of Dairy Science v. 102, 2019: p. 539-546
10.3168/jds.2018-14953

species; mastitis; coagulase-negative species; cow; inter- α -trypsin inhibitor heavy chain 4

No. 1764

Luis de Redín, Inés; Boiero, Carolina; Recalde, Sergio; Agüeros, Maite; Allemandi, Daniel; Llabot, Juan M.; García-Layana, Alfredo; Irache, Juan M.

In vivo effect of bevacizumab-loaded albumin nanoparticles in the treatment of corneal neovascularization

Experimental Eye Research v. 185, 2019: p. 107697
10.1016/j.exer.2019.107697

Nanoparticles; Bevacizumab; Corneal neovascularization; Human serum albumin; Ocular delivery; Pegylated

No. 1766

Pirela, Sandra V.; Bhattacharya, Kunal; Wang, Yun; Zhang, Yipei; Wang, Guanghe; Christophi, Costas A.; Godleski, John; Thomas, Trey; Qian, Yong; Orandle, Marlene S.; Sisler, Jennifer D.; Bello, Dhimiter; Castranova, Vincent; Demokritou, Philip

A 21-day sub-acute, whole-body inhalation exposure to printer-emitted engineered nanoparticles in rats: Exploring pulmonary and systemic effects

NanoImpact v. 15, 2019: p. 100176
10.1016/j.impact.2019.100176

Oxidative stress; Inflammation; Engineered nanoparticles; Exposure biology; Laser printer emissions; Lung

No. 1768

Fernandes, A.R.; Lake, I.R.; Dowding, A.; Rose, M.; Jones, N.R.; Petch, R.; Smith, F.; Panton, S.

The potential of recycled materials used in agriculture to contaminate food through uptake by livestock

Science of The Total Environment v. 667, 2019: p. 359-370
10.1016/j.scitotenv.2019.02.211

BFRs; Biotransformation; Brominated; PCDD/Fs and PCBs; PFAS; POPs

No. 1769

Ma, Feng; Ma, Jia; Ma, Sijie; Fu, Shan; Zhang, Yanchao; Liu, Hao; Lv, Yi; Wu, Rongqian; Yan, Xiaopeng

A novel magnetic compression technique for small intestinal end-to-side anastomosis in rats

Journal of Pediatric Surgery v. 54 , 2019 : p. 744-749

10.1016/j.jpedsurg.2018.07.011

Rat; Animal model; Intestinal anastomosis; Magnetic compression technique; Magnets

No. 1770

Ramírez-Hernández, Alejandro; Polo, Gina; Robayo-Sánchez, Laura N.; Cruz-Maldonado, Oscar A.; Imbacuán-Pantoja, Wilson O.; Cortés-Vecino, Jesús A.

Gastrointestinal and pulmonary parasites of working horses from Colombia

Veterinary Parasitology: Regional Studies and Reports v. 17, 2019: p. 100296

10.1016/j.vprsr.2019.100296

Equids; Helminths; Nematoda; Parasitic diseases

No. 1771

Amoupour, M.; Nezamzadeh, F.; Bialvaei, A.Z.; Sedighi, M.; Jazi, F.M.; Alikhani, M.Y.; Mirnejad, R.

Differentiation of *Brucella abortus* and *B. melitensis* biovars using PCR-RFLP and REP-PCR

New Microbes and New Infections v. 32, 2019: p. 100589

10.1016/j.nmni.2019.100589

PCR-RFLP; Polymorphisms; REP-PCR

No. 1772

Cui, Xiaoyan; Gou, Zhongyong; Fan, Qiuli; Li, Long; Lin, Xiajing; Wang, Yibing; Jiang, Shouqun; Jiang, Zongyong

Effects of dietary perilla seed oil supplementation on lipid metabolism, meat quality, and fatty acid profiles in Yellow-feathered chickens

Poultry Science v. 98, 2019: p. 5714-5723

10.3382/ps/pez358

meat quality; lipid metabolism; fatty acid composition; perilla seed oil; Yellow-feathered chickens

No. 1773

Hassannejad, Zahra; Zadegan, Shayan Abdollah; Vaccaro, Alexander R.; Rahimi-Movaghar, Vafa; Sabzevari, Omid

Biofunctionalized peptide-based hydrogel as an injectable scaffold for BDNF delivery can improve regeneration after spinal cord injury

Injury v. 50, 2019: p. 278-285

10.1016/j.injury.2018.12.027

Rat; Spinal cord injury; BDNF; Clip compression injury model; Laminin; Self-assembling peptide

No. 1774

Xiao, Xiao; Zhou, Shu-Han; Jiang, Nan; Tian, Dai-Zhi; Zhou, Zhao-Min; Zhang, Min; Ke, Hui; Jiang, Xiao-Cui; Lv, Wen-Liang; Gao, Qing-Hua

First record of *Leptospira* and *Blastocystis* infections in captive flying squirrels (*Trogopterus xanthipes*) from Enshi County, China

Acta Tropica v. 197, 2019: p. 105065

10.1016/j.actatropica.2019.105065

Epidemiology; and; Flying squirrel

No. 1775

Hidayati Suriyah, Wastuti; Razak Kasmuri, Abdul; How Ni Foong, Fiona; Afriza, Dhona; Jauhari Arief Ichwan, Solachuddin

Comparison of the in vitro and in vivo toxic effects of thymoquinone using oral cancer HSC-3 and HSC-4 cell lines, oral fibroblasts, HACAT cell line, and Zebrafish embryos

Materials Today: Proceedings v. 16, 2019: p. 2108-2114

10.1016/j.matpr.2019.06.099

No. 1776

Campos-Silva, Rodrigo; Brust, Flávia Roberta; Trentin, Danielle Silva; Macedo, Alexandre José

Alternative method in *Galleria mellonella* larvae to study biofilm infection and treatment

Microbial Pathogenesis v. 137, 2019: p. 103756

10.1016/j.micpath.2019.103756

Experimental method; Microbial biofilm

No. 1777

Kong, Yi-Di; Kang, Yuan-Huan; Tian, Jia-Xin; Zhang, Dong-Xing; Zhang, Lei; Tao, Luo-Tao; Wu, Tong-Lei; Li, Ying; Wang, Gui-Qin; Shan, Xiao-Feng

Oral immunization with recombinant *Lactobacillus casei* expressing flaB confers protection against *Aeromonas veronii* challenge in common carp, *Cyprinus carpio*

Fish & Shellfish Immunology v. 87, 2019 : p. 627-637
10.1016/j.fsi.2019.01.032

Common carp; Flagellin; Immune protection; Live vector vaccine

No. 1779

Nehme, P.A.; Amaral, F.; Lowden, A.; Skene, D.J.; Cipolla-Neto, J.; Moreno, C.R.C.

Reduced melatonin synthesis in pregnant night workers: Metabolic implications for offspring

Medical Hypotheses v. 132, 2019: p. 109353
10.1016/j.mehy.2019.109353

Metabolism; Melatonin; Pregnancy; Offspring; Shift work

No. 1781

Luan, S J; Sun, Y B; Wang, Y; Sa, R N; Zhang, H F

Bacillus amyloliquefaciens spray improves the growth performance, immune status, and respiratory mucosal barrier in broiler chickens

Poultry Science v. 98, 2019: p. 1403-1409
10.3382/ps/pey478

broiler; growth performance; immune function; respiratory mucosal barrier; spray

No. 1783

Tetzlaff, Sasha J.; Sperry, Jinelle H.; Kingsbury, Bruce A.; DeGregorio, Brett A.

Captive-rearing duration may be more important than environmental enrichment for enhancing turtle head-starting success

Global Ecology and Conservation v. 20, 2019: p. e00797
10.1016/j.gecco.2019.e00797

Acclimation pen; Conservation biology; Eastern box turtle; Reintroduction biology; Wildlife translocation

No. 1778

Moore, Martha M.; Gollapudi, Bhaskar; Nagane, Rajendra; Khan, Nadeem; Patel, Manish; Khanvilkar, Tushar; Roy, Avani M.; Ramesh, E.; Bals, Bryan; Teymouri, Farzaneh; Nault, Rance; Bringi, Venkataraman

The food contaminant acetamide is not an in vivo clastogen, aneugen, or mutagen in rodent hematopoietic tissue

Regulatory Toxicology and Pharmacology v. 108, 2019: p. 104451
10.1016/j.yrtph.2019.104451

Genotoxicity; gene mutation assay; micronucleus test; Mutagenicity

No. 1780

Li, Quanlin; Wang, Kun; Zheng, Jiangxia; Sun, Congjiao; Ge, Changrong; Yang, Ning; Xu, Guiyun

Nanostructural basis for the gloss of chicken eggshells

Poultry Science v. 98, 2019: p. 5446-5451
10.3382/ps/pez329

chicken eggshell; gloss; nanostructure; surface roughness

No. 1782

Latorre, Mauricio; Burkhead, Jason L.; Hodar, Christian; Arredondo, Miguel; González, Mauricio; Araya, Magdalena

Chronic copper treatment prevents the liver critical balance transcription response induced by acetaminophen

Journal of Trace Elements in Medicine and Biology v. 53, 2019: p. 113-119
10.1016/j.jtemb.2019.02.007

Liver; Acetaminophen; Copper; Transcriptional network

No. 1784

Totola, Leonardo T.; Malheiros-Lima, Milene R.; Delfino-Pereira, Polianna; Del Vecchio, Flavio; Souza, Felipe C.; Takakura, Ana C.; Garcia-Cairasco, Norberto; Moreira, Thiago S.

Amygdala rapid kindling impairs breathing in response to chemoreflex activation

Brain Research v. 1718, 2019: p. 159-168
10.1016/j.brainres.2019.05.015

Amygdala rapid kindling; Brainstem; Breathing; Hypercapnia

No. 1785

Bacova, Maria; Bimbova, Katarina; Fedorova, Jana; Lukacova, Nadezda; Galik, Jan

Epidural oscillating field stimulation as an effective therapeutic approach in combination therapy for spinal cord injury

Journal of Neuroscience Methods v. 311 , 2019 : p. 102-110
10.1016/j.jneumeth.2018.10.020

Functional outcome; Neurofilaments; Oscillating field stimulation; Reduction of astrogliosis; Spared white matter; Spinal Th9 compression

No. 1787

Mróz, Emilia; Murawska, Daria; Jankowski, Jan; Stępińska, Monika; Przywitowski, Marcin; Otowski, Kamil

The effects of hen's age and egg storage time on the frequency of occurrence of physical defects in turkey poults

Poultry Science v. 98, 2019: p. 7097-7100
10.3382/ps/pez481

Turkey; egg storage; hen's age; poults quality

No. 1789

Liu, Hongnan; Wu, Li; Han, Hui; Li, Yuying; Wang, Lijian; Yin, Jie; Fan, Wenjun; Bai, Miaomiao; Yao, Jiming; Huang, Xingguo; Li, Tiejun

Reduced dietary nitrogen with a high Lys:CP ratio restricted dietary N excretion without negatively affecting weaned piglets

Animal Nutrition v. 5, 2019: p. 115-123
10.1016/j.aninu.2019.01.001

Protein; Digestion; Lysine; Nutrition; Feeding; Genetic mapping

No. 1791

Morimoto, Juliano

Foraging decisions as multi-armed bandit problems: Applying reinforcement learning algorithms to foraging data

Journal of Theoretical Biology v. 467, 2019: p. 48-56
10.1016/j.jtbi.2019.02.002

No. 1786

Massari, R.; D'Elia, A.; Soluri, A.

A new High-Resolution Imaging System (HiRIS2) detector for preclinical SPECT imaging

Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment v. 917, 2019: p. 25-30
10.1016/j.nima.2018.11.095

GATE; Position sensitive photomultiplier tube; Scintigraphic small animal imaging; SPECT; Single photon emission

No. 1788

Cheng, Yahong; Mai, Qianting; Zeng, Xin; Wang, Huiling; Xiao, Yao; Tang, Liu; Li, Jing; Zhang, Yiyuan; Ding, Hong

Propionate relieves pentylenetetrazol-induced seizures, consequent mitochondrial disruption, neuron necrosis and neurological deficits in mice

Biochemical Pharmacology v. 169, 2019: p. 113607
10.1016/j.bcp.2019.08.009

Seizure; Mitochondrial disruption; Neurological deficits; Pentylenetetrazol; Propionate

No. 1790

Kwon, Sunkuk; Janssen, Christopher F.; Velasquez, Fred Christian; Zhang, Songlin; Aldrich, Melissa B.; Shaitelman, Simona F.; DeSnyder, Sarah M.; Sevick-Muraca, Eva M.

Radiation Dose-Dependent Changes in Lymphatic Remodeling

International Journal of Radiation Oncology*Biology*Physics v. 105, 2019: p. 852-860
10.1016/j.ijrobp.2019.07.054

No. 1792

Schiffer, Philipp H.; Danchin, Etienne G.J.; Burnell, Ann M.; Creevey, Christopher J.; Wong, Simon; Dix, Ilona; O'Mahony, Georgina; Culleton, Bridget A.; Rancurel, Corinne; Stier, Gary; Martínez-Salazar, Elizabeth A.; Marconi, Aleksandra; Trivedi, Urmi; K

Signatures of the Evolution of Parthenogenesis and Cryptobiosis in the Genomes of Panagrolaimid Nematodes

iScience v. 21, 2019: p. 587-602
10.1016/j.isci.2019.10.039

Transcriptomics; Evolutionary Biology; Phylogenetics

No. 1793

An, Shengying; Liu, Guanzhong; Guo, Xin; An, Yahui; Wang, Renyu
Ginger extract enhances antioxidant ability and immunity of layers

Animal Nutrition v. 5 , 2019 : p. 407-409
10.1016/j.aninu.2019.05.003

Layers; Immunity; Antioxidant ability; Ginger extract; Prostaglandin E

No. 1794

McCarthy, Catherine; Höglund, Johan; Christley, Rob; Juremalm, Mikael;
Kozlova, Inna; Smith, Robert; van Dijk, Jan

A novel pooled milk test strategy for the herd level diagnosis of
Dictyocaulus viviparus

Veterinary Parasitology: X v. 1, 2019: p. 100008

10.1016/j.vpoa.2019.100008

Milk; ELISA; Diagnosis; Dairy cow; Dictyocaulosis; ROC analysis

No. 1795

Scott, John; Thakar, Sonal; Mao, Ye; Qin, Huaping; Hejran, Helen; Lee,
Su-Yee; Yu, Ting; Klezovitch, Olga; Cheng, Hongqiang; Mu, Yongxin;
Ghosh, Sourav; Vasioukhin, Valeri; Zou, Yimin

Apical-Basal Polarity Signaling Components, Lgl1 and aPKCs, Control
Glutamatergic Synapse Number and Function

iScience v. 20, 2019: p. 25-41

10.1016/j.isci.2019.09.005

Neuroscience; Biological Sciences; Cell Biology; Cellular Neuroscience

No. 1796

Chang, Munyoung; Kim, Haeng Jun; Mook-Jung, Inhee; Oh, Seung-ha

Hearing loss as a risk factor for cognitive impairment and loss of
synapses in the hippocampus

Behavioural Brain Research v. 372, 2019: p. 112069

10.1016/j.bbr.2019.112069

Alzheimer's disease; Hippocampus; Amyloid- β ; Dementia; Hearing loss

No. 1797

Nusair, Shreen Deeb; Ahmad, Mohammad Ibrahim

Toxicity of *Vipera palaestinae* venom and antagonistic effects of
methanolic leaf extract of *Eryngium creticum* lam

Toxicon v. 166, 2019: p. 1-8

10.1016/j.toxicon.2019.05.006

Eryngium; Interleukin-6; Lethal dose 50; Plant extracts; Tumor necrosis factor-alpha; Viper venoms

No. 1798

Yarube, Isyaku; Ayo, Joseph; Magaji, Rabi; Umar, Ismail

Insulin treatment increases brain nitric oxide and oxidative stress, but
does not affect memory function in mice

Physiology & Behavior v. 211, 2019: p. 112640

10.1016/j.physbeh.2019.112640

Oxidative stress; Memory; Insulin; Brain; Nitric oxide; Malonedialdehyde

No. 1799

Bagheri, Samaneh; Heydari, Ahzdar; Alinaghipour, Azam; Salami,
Mahmoud

Effect of probiotic supplementation on seizure activity and cognitive
performance in PTZ-induced chemical kindling

Epilepsy & Behavior v. 95, 2019: p. 43-50

10.1016/j.yebeh.2019.03.038

Probiotic; Learning and memory; Kindling; Seizure activity

No. 1800

Han, Ying; Wang, Shumin; Lin, Lu; Gao, Hui; Wang, Yingzheng; Ji,
Zhuqing; Zeng, Shenming

Insulin mitigates apoptosis of porcine follicular granulosa cells by
downregulating BimEL

Reproductive Biology v. 19, 2019: p. 293-298

10.1016/j.repbio.2019.08.003

Apoptosis; Insulin; BimEL; Porcine granulosa cells

No. 1801

de Araújo Rodrigues, Patrícia; de Moraes, Selene Maia; Aguiar, Liza Araújo; Vila-Nova, Nadja Soares; Benjamin, Stephen Rathinaraj

Effect of *Byrsonima sericea* DC. leaf extracts on mice gastrointestinal tract

Toxicology Reports v. 6 , 2019 : p. 1182-1187
10.1016/j.toxrep.2019.10.018

Toxicity; Antioxidants; *Byrsonima sericea* DC; Gastroprotective; Indomethacin

No. 1802

Kim, Yeong Bin; Seo, Kwang Won; Jeon, Hye Young; Lim, Suk-Kyung; Sung, Haan Woo; Lee, Young Ju

Molecular characterization of erythromycin and tetracycline-resistant *Enterococcus faecalis* isolated from retail chicken meats

Poultry Science v. 98, 2019: p. 977-983
10.3382/ps/pey477

antimicrobial resistance; chicken meat; transposons; virulence genes

No. 1803

Soyeurt, H.; Froidmont, E.; Dufrasne, I.; Hailemariam, D.; Wang, Z.; Bertozzi, C.; Colinet, F.G.; Dehareng, F.; Gengler, N.

Contribution of milk mid-infrared spectrum to improve the accuracy of test-day body weight predicted from stage, lactation number, month of test and milk yield

Livestock Science v. 227, 2019: p. 82-89
10.1016/j.livsci.2019.07.007

Milk; Body weight; Cow; Mid-infrared

No. 1804

Huhtanen, P.; Ramin, M.; Hristov, A.N.

Enteric methane emission can be reliably measured by the GreenFeed monitoring unit

Livestock Science v. 222, 2019: p. 31-40
10.1016/j.livsci.2019.01.017

Cattle; Methane; Modeling; GreenFeed; Respiration chamber

No. 1805

Lv, Runxiao; Du, Lili; Liu, Xueyong; Zhou, Fenghua; Zhang, Zhiqiang; Zhang, Lixin

Rosmarinic acid attenuates inflammatory responses through inhibiting HMGB1/TLR4/NF- κ B signaling pathway in a mouse model of Parkinson's disease

Life Sciences v. 223, 2019: p. 158-165
10.1016/j.lfs.2019.03.030

Mice; Inflammation; Parkinson's disease; HMGB1; Rosmarinic acid; α -Synuclein

No. 1806

Bryant, Christopher J.; Anderson, Joanna E.; Asher, Kathryn E.; Green, Che; Gasteratos, Kristopher

Strategies for overcoming aversion to unnaturalness: The case of clean meat

Meat Science v. 154, 2019: p. 37-45
10.1016/j.meatsci.2019.04.004

Naturalness; Attitudes; Meat; Cultured meat; Clean meat; Consumer behavior

No. 1807

Tasumi, Satoshi; Kobayashi, Keisuke; Takanashi, Shihori; Asakawa, Shuichi; Nakamura, Osamu; Kikuchi, Kiyoshi; Suzuki, Yuzuru

Expression and presentation of immune-related membrane proteins of fish by a cell surface display platform using insect cells

Molecular Immunology v. 114, 2019: p. 553-560
10.1016/j.molimm.2019.07.020

Flow cytometry; Cell surface display; Insect cells; Membrane protein

No. 1808

Gálvez, Isabel; Martín-Cordero, Leticia; Hinchado, María Dolores; Álvarez-Barrientos, Alberto; Ortega, Eduardo

Anti-inflammatory effect of β 2 adrenergic stimulation on circulating monocytes with a pro-inflammatory state in high-fat diet-induced obesity

Brain, Behavior, and Immunity v. 80, 2019: p. 564-572
10.1016/j.bbi.2019.04.042

Inflammation; Metabolic syndrome; Obesity; Arginase; Inflammatory cytokines; iNOS; Ly6C; Monocytes; Terbutaline; β 2 adrenergic receptors

No. 1809

Mahbub, Nafisa; Gemechu, Eskinder; Zhang, Hao; Kumar, Amit

The life cycle greenhouse gas emission benefits from alternative uses of biofuel coproducts

Sustainable Energy Technologies and Assessments v. 34 , 2019 : p. 173-186

10.1016/j.seta.2019.05.001

Biodiesel; Life cycle assessment; Bioethanol; Greenhouse gas emissions; Coproduct

No. 1810

DePasquale, Cairsty; Fettrow, Sean; Sturgill, Jennifer; Braithwaite, Victoria A.

The impact of flow and physical enrichment on preferences in zebrafish

Applied Animal Behaviour Science v. 215, 2019: p. 77-81

10.1016/j.applanim.2019.03.015

Environmental enrichment; Welfare; Zebrafish; Habitat preference; Physical activity; Swimming

No. 1811

Vannuci-Silva, Monizze; Kohler, Shanelle; Umbuzeiro, Gisela de A.; Ford, Alex T.

Behavioural effects on marine amphipods exposed to silver ions and silver nanoparticles

Environmental Pollution v. 252, 2019: p. 1051-1058

10.1016/j.envpol.2019.06.005

Response to light; Silver nanoparticles; Swimming velocity

No. 1812

Torelli Hijo, Andressa Harumi; Coutinho, Camille Perella; Alba-Loureiro, Tatiana Carolina; Moreira Leite, Jaqueline Santos; Bargi-Souza, Paula; Goulart-Silva, Francemilson

High fat diet modulates the protein content of nutrient transporters in the small intestine of mice: possible involvement of PKA and PKC activity

Heliyon v. 5, 2019: p. e02611

10.1016/j.heliyon.2019.e02611

Food science; Gastrointestinal system; Molecular biology; Nutrition; Metabolism; High fat diet and obesity; Nutrient transporters; PKA; PKC; Small intestine

No. 1813

Huang, Sheng-Yu; Huang, Chih-Heng; Chen, Chi-Jene; Chen, Ting-Wen; Lin, Chun-Yuan; Lin, Yueh-Te; Kuo, Shu-Ming; Huang, Chung-Guei; Lee, Li-Ang; Chen, Yi-Hsiang; Chen, Mei-Feng; Kuo, Rei-Lin; Shih, Shin-Ru

Novel Role for miR-1290 in Host Species Specificity of Influenza A Virus

Molecular Therapy - Nucleic Acids v. 17, 2019: p. 10-23

10.1016/j.omtn.2019.04.028

virus; ferret; host species-specificity; influenza A virus; miR-1290; miRNA; vimentin; viral ribonucleoprotein; vRNP

No. 1814

Yan, H.L.; Cao, S.C.; Hu, Y.D.; Zhang, H.F.; Liu, J.B.

Effects of methylsulfonylmethane on growth performance, immunity, antioxidant capacity, and meat quality in Pekin ducks

Poultry Science v. , 2019: p.

10.1016/j.psj.2019.10.002

meat quality; performance; duck; methylsulfonylmethane

No. 1815

Ruchti, Sabrina; Kratzer, Gilles; Furrer, Reinhard; Hartnack, Sonja; Würbel, Hanno; Gebhardt-Henrich, Sabine G.

Progression and risk factors of pododermatitis in part-time group housed rabbit does in Switzerland

Preventive Veterinary Medicine v. 166, 2019: p. 56-64

10.1016/j.prevetmed.2019.01.013

Rabbit; Risk factors; Group housing; Additive Bayesian network modelling; Pododermatitis; Progression

No. 1816

Sheehan, Susan; Mawe, Seamus; Cianciolo, Rachel E.; Korstanje, Ron; Mahoney, J. Matthew

Detection and Classification of Novel Renal Histologic Phenotypes Using Deep Neural Networks

The American Journal of Pathology v. 189, 2019: p. 1786-1796

10.1016/j.ajpath.2019.05.019

No. 1817

Nguyen, Van Thang; Vu, Ngoc Ba; Huynh, Nguyen Phong Thu; Le, Cong Hao

'Time to crop' for 137Cs in the surface soil and its long-term effects to population based on model assessment

Geoderma v. 341, 2019 : p. 100-110

10.1016/j.geoderma.2019.01.037

CEMC soil model; Cs; Effective dose; Soil-to-plant transfer factor; Time to crop

No. 1819

Mukherjee, Devoshree; Ahmad, Riaz

COX-2/iNOS regulation during experimental hepatic injury and its mitigation by cloudy apple juice

International Journal of Biological Macromolecules v. 140, 2019: p. 1006-1017

10.1016/j.ijbiomac.2019.08.180

Oxidative damage; Cloudy apple juice; Cyclooxygenase-2; Diethylnitrosamine; Hepatic injury; Inducible nitric oxide synthase

No. 1821

Chen, Vincent Chin-Hung; Chiu, Chun-Ching; Weng, Jun-Cheng; Chen, Li-Jeng; Siow, Jing Yi; Hsu, Tsai-Ching; Tzang, Bor-Show

Taurine reduces hyperactive behavior in SHR rats through upregulating the proportion of CD4+CD25+Foxp3+ regulatory T cells

Journal of Functional Foods v. 56, 2019: p. 312-320

10.1016/j.jff.2019.03.032

Hypertension; Taurine; Attention deficit hyperactivity disorder (ADHD); CD4+CD25+Foxp3+ regulatory T cells; Galectin-3; Horizontal locomotion

No. 1823

Tesema, Birhanu; Zhao, Jia-yu; Jiang, Xun-ping; Liu, Gui-qiong; Han, Yan-guo; Wassie, Teketay

Kisspeptin recombinant oral vaccine: A master gene vaccine inhibiting the reproductive physiology and behavior of ram lambs

Vaccine v. 37, 2019: p. 4630-4636

10.1016/j.vaccine.2017.09.001

Kisspeptin; Recombinant vaccine; Reproductive physiology; Sexual behavior

No. 1818

Adame-Siles, José A.; Guerrero-Ginel, José E.; Fearn, Tom; Garrido-Varo, Ana; Pérez-Marín, Dolores

Multistage and adaptive sampling protocols combined with near-infrared spectral sensors for automated monitoring of raw materials in bulk

Biosystems Engineering v. 188, 2019: p. 82-95

10.1016/j.biosystemseng.2019.10.008

Near infrared spectroscopy; Adaptive cluster sampling; Automatic control system; Geostatistics; Kriging; Real-time surveillance

No. 1820

Atış, Müge; Akcan, Uğur; Uğur Yılmaz, Canan; Orhan, Nurcan; Düzgün, Poyraz; Deniz Ceylan, Umut; Arıcan, Nadir; Karahüseyinoğlu, Serçin; Nur Şahin, Gizem; Ahışhalı, Bülent; Kaya, Mehmet

Effects of methyl-beta-cyclodextrin on blood-brain barrier permeability in angiotensin II-induced hypertensive rats

Brain Research v. 1715, 2019: p. 148-155

10.1016/j.brainres.2019.03.024

Acute hypertension; Blood-brain barrier; Caveolin-1; Claudin-5; Horseradish peroxidase; Methyl-β-cyclodextrin

No. 1822

Prinelli, Federica; Fratiglioni, Laura; Musicco, Massimo; Johansson, Inggerd; Adorni, Fulvio; Shakersain, Behnaz; Rizzuto, Debora; Xu, Weili

The impact of nutrient-based dietary patterns on cognitive decline in older adults

Clinical Nutrition v. 38, 2019: p. 2813-2820

10.1016/j.clnu.2018.12.012

Cognitive decline; Nutrient-based dietary patterns; Older adults; Population-based cohort study

No. 1824

Xing, Houjuan; Peng, Muqiao; Li, Zhuo; Chen, Jianqing; Zhang, Hongfu; Teng, Xiaohua

Ammonia inhalation-mediated mir-202-5p leads to cardiac autophagy through PTEN/AKT/mTOR pathway

Chemosphere v. 235, 2019: p. 858-866

10.1016/j.chemosphere.2019.06.235

Ammonia; Risk assessment; Environmental contaminant; Heart injury; PTEN/AKT/mTOR pathway

No. 1825

Wu, Miaomiao; Xiao, Hao; Shao, Fangyuan; Tan, Bie; Hu, Shenglan

Arginine accelerates intestinal health through cytokines and intestinal microbiota

International Immunopharmacology v. , 2019 : p. 106029

10.1016/j.intimp.2019.106029

T cells; Intestinal microbiota; Arginine; Intestinal immunity; Secretory immunoglobulin A

No. 1827

Wu, Lingyu; Zou, Yaqun; Miao, Yu; Zhang, Jiayou; Zhu, Suqin; Zeng, Mingyong; Wu, Haohao

Dietary gelatin enhances non-heme iron absorption possibly via regulation of systemic iron homeostasis in rats

Journal of Functional Foods v. 59, 2019: p. 272-280

10.1016/j.jff.2019.06.005

Erythropoietin; Gelatin; Hepcidin; Iron bioavailability; Prolyl-hydroxyproline; Systemic iron homeostasis

No. 1829

Wang, Tongxin; Huang, Yakuan; Yao, Weilei; He, Qiongyu; Shao, Yafei; Li, Han; Li, Yong; Huang, Feiruo

Effect of conditioning temperature on pelleting characteristics, nutrient digestibility and gut microbiota of sorghum-based diets for growing pigs

Animal Feed Science and Technology v. 254, 2019: p. 114227

10.1016/j.anifeedsci.2019.114227

Digestibility; Pig; Growth performance; Gut microbiota; Conditioning temperature; Sorghum-based diets

No. 1831

Seyedhosseini Tamijani, Seyedeh Masoumeh; Beirami, Elmira; Ahmadiani, Abolhassan; Dargahi, Leila

Thyroid hormone treatment alleviates the impairments of neurogenesis, mitochondrial biogenesis and memory performance induced by methamphetamine

NeuroToxicology v. 74, 2019: p. 7-18

10.1016/j.neuro.2019.05.003

Mitochondrial biogenesis; Neurogenesis; Methamphetamine; Cognitive deficits; Thyroid hormones

No. 1826

Jiang, Shouqun; El-Senousey, HebatAllah Kasem; Fan, Qiuli; Lin, Xiajing; Gou, Zhongyong; Li, Long; Wang, Yibing; Fouad, Ahmed Mohamed; Jiang, Zongyong

Effects of dietary threonine supplementation on productivity and expression of genes related to protein deposition and amino acid transportation in breeder hens of yellow-feathered chicken and their offspring

Poultry Science v. 98, 2019: p. 6826-6836

10.3382/ps/pez420

offspring; breeder hens of yellow-feathered chicken; poultry target of rapamycin; threonine; threonine dehydrogenase

No. 1828

Baldissera, Matheus D.; Souza, Carine F.; Descovi, Sharine N.; Verdi, Camila M.; Santos, Roberto C.V.; da Silva, Aleksandro S.; Da Rocha, Maria Izabel U.M.; da Veiga, Marcelo L.; Baldisserotto, Bernardo

Purinergic signaling displays a pro-inflammatory profile in lymphoid immune organs of Oreochromis niloticus experimentally infected by *Providencia rettgeri*: The role of pathophysiology

Aquaculture v. 510, 2019: p. 176-181

10.1016/j.aquaculture.2019.05.061

Immunity; Disease pathogenesis; Adenosine triphosphate; Spleen; DAMP

No. 1830

Widianingrum, Desy Cahya; Novianti, Cuk Tri; Salasia, Siti Isrina Oktavia

Antibacterial and immunomodulator activities of virgin coconut oil (VCO) against *Staphylococcus aureus*

Heliyon v. 5, 2019: p. e02612

10.1016/j.heliyon.2019.e02612

Immunomodulator; Microbiology; Antimicrobial; Virgin coconut oil

No. 1832

Šutulović, Nikola; Grubač, Željko; Šuvakov, Sonja; Jovanović, Đurđa; Puškaš, Nela; Macut, Đuro; Marković, Aleksandra Rašić; Simić, Tatjana; Stanojlović, Olivera; Hrnčić, Dragan

Chronic prostatitis/chronic pelvic pain syndrome increases susceptibility to seizures in rats and alters brain levels of IL-1 β and IL-6

Epilepsy Research v. 153, 2019: p. 19-27

10.1016/j.eplepsyres.2019.03.014

Chronic Pelvic Pain Syndrome; Convulsive Seizures; Interleukin 1beta; Interleukin 6; Wistar Rats

No. 1833

Yang, Chuan He; Wang, Yinan; Sims, Michelle; Cai, Chun; Pfeffer, Lawrence M.

MicroRNA-1 suppresses glioblastoma in preclinical models by targeting fibronectin

Cancer Letters v. 465 , 2019 : p. 59-67

10.1016/j.canlet.2019.08.021

Glioblastoma; Fibronectin; miR-1; Temozolomide; Tumor suppressor

No. 1834

Rowles, Joe L.; Han, Aiguo; Miller, Rita J.; Kelly, Jamie R.; Applegate, Catherine C.; Wallig, Matthew A.; O'Brien, William D.; Erdman, John W.

Low fat but not soy protein isolate was an effective intervention to reduce nonalcoholic fatty liver disease progression in C57BL/6J mice: monitored by a novel quantitative ultrasound (QUS) method

Nutrition Research v. 63, 2019: p. 95-105

10.1016/j.nutres.2018.12.003

Nonalcoholic steatohepatitis; Dietary intervention; Low-fat diet; Nonalcoholic fatty liver disease; Quantitative ultrasound method; Soy protein isolate

No. 1835

Niczyporuk, Marek; Knaś, Małgorzata; Car, Halina

Selected elements of extracellular matrix of the skin in diabetes and insulin resistance

Advances in Medical Sciences v. 64, 2019: p. 365-369

10.1016/j.advms.2019.04.006

Antioxidant; Extracellular matrix; Skin

No. 1836

Kardjadj, Moustafa; Ben-Mahdi, Meriem Hind

Epidemiology of dog-mediated zoonotic diseases in Algeria: a One Health control approach

New Microbes and New Infections v. 28, 2019: p. 17-20

10.1016/j.nmni.2019.01.001

zoonosis; Algeria; dogs; One Health

No. 1837

de Souza, Camila Pasquini; Gambeta, Eder; Stern, Cristina Aparecida Jark; Zanolli, Janaina Menezes

Posttraumatic stress disorder-type behaviors in streptozotocin-induced diabetic rats can be prevented by prolonged treatment with vitamin E

Behavioural Brain Research v. 359, 2019: p. 749-754

10.1016/j.bbr.2018.09.008

Oxidative stress; Diabetes; Anxiety; Antioxidant action; Aversive memory; Generalization

No. 1838

Sin, Eunhong; Min, Won Gi; Kim, Yun-Bae; Kim, Tae Won

Respiration of the sea urchin *Mesocentrotus nudus* in response to large temperature fluctuations

Marine Environmental Research v. 144, 2019: p. 178-185

10.1016/j.marenvres.2019.01.003

Metabolic rate; Sea urchin; Subtidal area; Temperature fluctuation

No. 1839

Fahrenholz, A.C.

Best practices: Mixing and sampling

Animal Feed Science and Technology v. 250, 2019: p. 51-52

10.1016/j.anifeedsci.2018.09.017

Feed manufacturing; Mixing; Quality assurance

No. 1840

Chen, Zhenlong; Yang, Yuhui; Mi, Shumei; Fan, Qingsheng; Sun, Xiaoming; Deng, Baichuan; Wu, Guoyao; Li, Yafei; Zhou, Quancheng; Ruan, Zheng

Hepatoprotective effect of chlorogenic acid against chronic liver injury in inflammatory rats

Journal of Functional Foods v. 62, 2019: p. 103540

10.1016/j.jff.2019.103540

Lipopolysaccharide; Metabolomics; Hepatic injury; Chlorogenic acid; Nuclear magnetic resonance spectroscopy

No. 1841

Ibrahim, Essam H.; Kilany, Mona; Mostafa, Osama M.S.; Shaker, Kamel H.; Alshehri, Mohammed; Alsyaad, Khalid M.; Alshehri, Ali; Khan, Khalid Ali; Qasim, Muhammad; Kotb, Nahla; Alahmari, Abeer S.; Ghramh, Hamed A.; Dajem, Saad M.

TH1/TH2 chemokines/cytokines profile in rats treated with tetanus toxoid and Euphorbia tirucalli

Saudi Journal of Biological Sciences v. 26 , 2019 : p. 1716-1723
10.1016/j.sjbs.2018.08.005

Cytokines; Immunity; Plant extract; Tetanus vaccine

No. 1843

Li, Changwei; Li, Jiawei; Liu, Gang; Deng, Yale; Zhu, Songming; Ye, Zhangying; Shao, Yufang; Liu, Dezhao

Performance and microbial community analysis of Combined Denitrification and Biofloc Technology (CDBFT) system treating nitrogen-rich aquaculture wastewater

Bioresource Technology v. 288, 2019: p. 121582

10.1016/j.biortech.2019.121582

Microbial community; Aquaculture wastewater; Biofloc technology; Denitrification; LED light

No. 1845

Gomes, Emisael Stênio Batista; Farias, Lucyana Conceição; Silveira, Luiz Henrique; Jesus, Carlos Ícaro de; Rocha, Rogério Gonçalves da; Ramos, Guilherme Veloso; Magalhães, Hanna Thaynara Alves Teixeira; Brito-Júnior, Manoel; Santos, Sérgio Henrique Sousa;

Conditioned fear stress increases bone resorption in apical periodontitis lesions in Wistar male rats

Archives of Oral Biology v. 97, 2019: p. 35-41

10.1016/j.archoralbio.2018.10.004

Stress; Anxiety; Bone loss; Endodontic; Periapical inflammatory lesion

No. 1847

Peruchetti, Diogo B.; Freitas, Andreson C.; Pereira, Vitor C.; Lopes, Juliana V.; Takiya, Christina M.; Nascimento, Nilberto R.F.; Pinheiro, Ana Acacia S.; Caruso-Neves, Celso

PKB is a central molecule in the modulation of Na⁺-ATPase activity by albumin in renal proximal tubule cells

Archives of Biochemistry and Biophysics v. 674, 2019: p. 108115

10.1016/j.abb.2019.108115

Albumin overload; Albuminuria; Protein kinase B; Renal disease; Renal sodium excretion; Sodium pump

No. 1842

Abdelraheem, Nadir; Li, Fuhou; Guo, Penghui; Sun, Yi; Liu, Yang; Cheng, Yunxiang; Hou, Fujiang

Oat hay as winter feed improves digestibility, nitrogen balance and energy utilization of Tibetan sheep (*Ovis aries*) in the Qinghai Tibetan Plateau

Livestock Science v. 230, 2019: p. 103854

10.1016/j.livsci.2019.103854

Digestibility; Native herbage; Oat; Qinghai Tibetan Plateau; retention; Tibetan sheep

No. 1844

Mendonça, Débora V.C.; Tavares, Grasielle S.V.; Lage, Daniela P.; Soyer, Tauane G.; Carvalho, Lívia M.; Dias, Daniel S.; Ribeiro, Patrícia A.F.; Ottoni, Flaviano M.; Antinarelli, Luciana M.R.; Vale, Danniele L.; Ludolf, Fernanda; Duarte, Mariana C.; Coimbr

In vivo antileishmanial efficacy of a naphthoquinone derivate incorporated into a Pluronic® F127-based polymeric micelle system against *Leishmania amazonensis* infection

Biomedicine & Pharmacotherapy v. 109, 2019: p. 779-787

10.1016/j.biopha.2018.10.143

Toxicity; Chemotherapy; 2-(2,3,4-Tri--acetyl-6-deoxy-β--galactopyranosyloxy)-1,4-naphthoquinone; Amphotericin B; PluronicF127; Tegumentary leishmaniasis

No. 1846

Menchetti, Laura; Righi, Cecilia; Guelfi, Gabriella; Enas, Claudia; Moscati, Livia; Mancini, Stefania; Diverio, Silvana

Multi-Operator Qualitative Behavioural Assessment for dogs entering the shelter

Applied Animal Behaviour Science v. 213, 2019: p. 107-116

10.1016/j.applanim.2019.02.008

Behaviour; Stress; Qualitative behaviour assessment; Shelter dogs

No. 1848

Vasas, Vera; Chittka, Lars

Insect-Inspired Sequential Inspection Strategy Enables an Artificial Network of Four Neurons to Estimate Numerosity

iScience v. 11, 2019: p. 85-92

10.1016/j.isci.2018.12.009

Neuroscience; Biocomputational Method; Cognitive Neuroscience

No. 1849

Middendorf, L; Radko, D; Düngelhoef, K; Sieverding, E; Windhaus, H; Mischok, D; Visscher, C

Amino acid pattern in the liver and blood of fattening turkeys suffering from hepatic lipidosis

Poultry Science v. 98 , 2019 : p. 3950-3962
10.3382/ps/pez131

amino acid; turkey; hepatic lipidosis

No. 1850

Yoshida, Grazyella M.; Carvalheiro, Roberto; Rodríguez, Francisco H.; Lhorente, Jean P.; Yáñez, José M.

Single-step genomic evaluation improves accuracy of breeding value predictions for resistance to infectious pancreatic necrosis virus in rainbow trout

Genomics v. 111, 2019: p. 127-132

10.1016/j.ygeno.2018.01.008

Heritability; Bias; Pearson's correlation

No. 1851

Madrigal Aguilar, Damián A.; Tufiño, Cecilia; Fernandez-Martinez, Eduardo; Bracho-Valdés, Ismael; Bobadilla Lugo, Rosa A.

AT1R antagonism improves metabolic and vascular changes of obesity-induced gestational diabetes mellitus

Pathophysiology v. 26, 2019: p. 121-127

10.1016/j.pathophys.2019.05.002

Metformin; Angiotensin II AT1 receptors; Gestational diabetes mellitus; Irbesartan

No. 1852

Rodriguez, C.; Taminiau, B.; Bouchafa, L.; Romijn, S.; Rajamäki, M.M.; Van Broeck, J.; Delmée, M.; Clercx, C.; Daube, G.

Clostridium difficile beyond stools: dog nasal discharge as a possible new vector of bacterial transmission

Heliyon v. 5, 2019: p. e01629

10.1016/j.heliyon.2019.e01629

Zoology

No. 1853

Tombácz, K.; Peters, L.M.; Chang, Y.-M.; Steele, M.; Werling, D.; Gibson, A.J.

Short communication: Pegbovigrastim treatment in vivo does not affect granulocyte ability to migrate to endometrial cells and kill bacteria in vitro in healthy cows

Journal of Dairy Science v. 102, 2019: p. 9389-9395

10.3168/jds.2019-16563

pegbovigrastim; bacterial killing; endometrial cell; granulocyte; periparturient period

No. 1854

Peeters, Deborah G.A.; de Boer, Sietse F.; Terneusen, Anneke; Newman-Tancredi, Adrian; Varney, Mark A.; Verkes, Robbert-Jan; Homberg, Judith R.

Enhanced aggressive phenotype of Tph2 knockout rats is associated with diminished 5-HT1A receptor sensitivity

Neuropharmacology v. 153, 2019: p. 134-141

10.1016/j.neuropharm.2019.05.004

5-HT receptor; Resident intruder test; Tryptophan hydroxylase 2

No. 1855

Freire, Marco Aurelio M.; Santana, Luana Nazaré S.; Bittencourt, Leonardo Oliveira; Nascimento, Priscila Cunha; Fernandes, Rafael Monteiro; Leão, Luana Ketlen R.; Fernandes, Luanna Melo P.; Silva, Marcia Cristina F.; Amado, Lílían Lund; Gomes-Leal, Wallace

Methylmercury intoxication and cortical ischemia: Pre-clinical study of their comorbidity

Ecotoxicology and Environmental Safety v. 174, 2019: p. 557-565

10.1016/j.ecoenv.2019.03.009

Brain; Neuroinflammation; Amazon; Ischemia; Cortex; Mercury

No. 1856

Moreira, Tiago F.; Nicolino, Rafael R.; Meneses, Rodrigo M.; Fonseca, Guilherme V.; Rodrigues, Letícia M.; Facury Filho, Elias J.; Carvalho, Antônio U.

Risk factors associated with lameness and hoof lesions in pasture-based dairy cattle systems in southeast Brazil

Journal of Dairy Science v. 102, 2019: p. 10369-10378

10.3168/jds.2018-16215

dairy cow; hoof health; human-animal interaction; track

No. 1857

Agbehadzi, R.K.; Hamidu, J.A.; Adomako, K.; Enu, R.

Economic contribution of local hatchery performance in the poultry value chain in Ghana

Poultry Science v. 98 , 2019 : p. 2399-2404

10.3382/ps/pez020

antibody; broiler; carcass characteristics; growth performance; local hatchery

No. 1858

Pukrop, J.R.; Campbell, B.T.; Schoonmaker, J.P.

Effect of essential oils on performance, liver abscesses, carcass characteristics and meat quality in feedlot steers

Animal Feed Science and Technology v. 257, 2019: p. 114296

10.1016/j.anifeedsci.2019.114296

Growth; Beef cattle; Essential oils; Carcass characteristics; Liver abscesses

No. 1859

Monakhova, Yulia B.; Diehl, Bernd W.K.

Retrospective multivariate analysis of pharmaceutical preparations using ¹H nuclear magnetic resonance (NMR) spectroscopy: Example of 990 heparin samples

Journal of Pharmaceutical and Biomedical Analysis v. 173, 2019: p. 18-23

10.1016/j.jpba.2019.05.024

Authenticity; Chemometrics; H NMR spectroscopy; Heparin; Manufacturer; Principal component analysis

No. 1860

Yu, Yan; Cheng, Lingling; Li, Lili; Zhang, Yanhong; Wang, Qiuxia; Ou, Changbo; Xu, Zhiyong; Wang, Yimin; Ma, Jinyou

Effects of IBDV infection on expression of chTLRs in chicken bursa

Microbial Pathogenesis v. 135, 2019: p. 103632

10.1016/j.micpath.2019.103632

Innate immunity; chTLRs; Infectious bursal disease virus; VP2

No. 1861

Bl, Yu-lin; YUAN, Xiao-ya; CHEN, Ying; CHANG, Guo-bin; CHEN, Guo-hong

Two new lncRNAs regulate the key immune factor NOD1 and TRAF5 in chicken lymphocyte

Journal of Integrative Agriculture v. 18, 2019: p. 2589-2597

10.1016/S2095-3119(19)62722-X

chicken lymphocyte; immune regulation; lncRNA; NOD-like receptor pathway; REV

No. 1862

Couto, Samuel R.B.; Guerson, Yuri B.; Ferreira, Joaquim E.; Silva, Otávia R.; Silenciato, Lara N.; Barbero, Rondineli P.; Mello, Marco R.B.

Impact of supplementation with long-acting progesterone on gestational loss in Nelore females submitted to TAI

Theriogenology v. 125, 2019: p. 168-172

10.1016/j.theriogenology.2018.10.032

Reproduction; Cattle; Conception rate; Embryonic loss

No. 1863

Del Valle, T.A.; Ghizzi, L.G.; Zilio, E.M.C.; Marques, J.A.; Dias, M.S.S.; Silva, T.B.P.; Gheller, L.S.; Silva, G.G.; Sconamiglio, N.T.; Nunes, A.T.; Rennó, L.N.; Costa, V.E.; Rennó, F.P.

Evaluation of ¹⁵N and purine bases as microbial markers to estimate ruminal bacterial nitrogen outflow in dairy cows

Animal Feed Science and Technology v. 258, 2019: p. 114297

10.1016/j.anifeedsci.2019.114297

Microbial protein; Fat supplementation; Isotopes; Purines; Urinary excretion

No. 1864

Pluskowski, Aleksander; Makowiecki, Daniel; Maltby, Mark; Rannamäe, Eve; Lõugas, Lembi; Maldre, Liina; Daugnora, Linas; Black, Stuart; Müldner, Gundula; Seetah, Krish

The Baltic Crusades and ecological transformation: The zooarchaeology of conquest and cultural change in the Eastern Baltic in the second millennium AD

Quaternary International v. 510, 2019: p. 28-43

10.1016/j.quaint.2018.11.039

Animals; Mammals; Zooarchaeology; Fish; Birds; Crusades; Eastern Europe; Livonia; Medieval; Prussia

No. 1865

Guo, Binbin; Zhao, Sanqin; Shao, Xibing; Ding, Weimin; Shi, Zhendan; Tang, Zhongliang

Analyses of mathematical models for Yangzhou geese egg-laying curves

Animal Reproduction Science v. 203 , 2019 : p. 10-24

10.1016/j.anireprosci.2019.02.003

Age; Egg-laying curve; Mathematical model; Photoperiod; Yangzhou goose

No. 1866

O'Sullivan, M.; Dillon, P.; O'Sullivan, K.; Pierce, K.M.; Galvin, N.; Egan, M.; Buckley, F.

Intake, efficiency, and feeding behavior characteristics of Holstein-Friesian cows of divergent Economic Breeding Index evaluated under contrasting pasture-based feeding treatments

Journal of Dairy Science v. 102, 2019: p. 8234-8246

10.3168/jds.2019-16371

efficiency; dairy; economic breeding index; intake

No. 1867

Rossetti, Maria Florencia; Schumacher, Rocio; Lazzarino, Gisela Paola; Gomez, Ayelen Luciana; Varayoud, Jorgelina; Ramos, Jorge Guillermo

The impact of sensory and motor enrichment on the epigenetic control of steroidogenic-related genes in rat hippocampus

Molecular and Cellular Endocrinology v. 485, 2019: p. 44-53

10.1016/j.mce.2019.01.025

Hippocampus; DNA methylation; Motor enrichment; Sensory enrichment; Steroidogenic enzymes

No. 1868

Alkasasbeh, Eman; Maher, William A.; Adly, Frady G.; Foster, Simon; Krikowa, Frank

The use of zirconium stationary phase to determine the four major arsenoriboses concentrations in marine organisms by high-performance liquid chromatography coupled to inductively coupled plasma-mass spectrometry

Microchemical Journal v. 150, 2019: p. 104099

10.1016/j.microc.2019.104099

Arsenoriboses; HPLC-ICP-MS; Marine algae; Marine animals; Speciation; Zirconia

No. 1869

Sikiru, A.B.; Arangasamy, A.; Alemede, I.C.; Guvvala, P.R.; Egena, S.S.A.; Ippala, J.R.; Bhatta, R.

Chlorella vulgaris supplementation effects on performances, oxidative stress and antioxidant genes expression in liver and ovaries of New Zealand White rabbits

Heliyon v. 5, 2019: p. e02470

10.1016/j.heliyon.2019.e02470

Agriculture; Oxidative stress; Toxicology; Molecular biology; Genetics; Antioxidant enzymes; Physiology; Zoology; Biotechnology; Cancer research; gpx1; sod1

No. 1870

Santana, Luana Nazaré da Silva; Bittencourt, Leonardo Oliveira; Nascimento, Priscila Cunha; Fernandes, Rafael Monteiro; Teixeira, Francisco Bruno; Fernandes, Luanna Melo Pereira; Freitas Silva, Marcia Cristina; Nogueira, Lygia Segal; Amado, Lilian Lund; Cr

Low doses of methylmercury exposure during adulthood in rats display oxidative stress, neurodegeneration in the motor cortex and lead to impairment of motor skills

Journal of Trace Elements in Medicine and Biology v. 51, 2019: p. 19-27

10.1016/j.jtemb.2018.09.004

Oxidative stress; Neurodegeneration; Motor function; Organic mercury; Organomercury compound

No. 1871

Boam, Georgina Cousillas; Weber, Wanda J.; Benjamin, Aimee; Kahl, Stanislaw; Allen Bridges, G.; Elsasser, Theodore H.; Kerr, David; Crooker, Brian A.

Effect of bovine genotype on innate immune response of heifers to repeated lipopolysaccharide (LPS) administration

Veterinary Immunology and Immunopathology v. 215, 2019: p. 109914

10.1016/j.vetimm.2019.109914

Bovine; Genotype; Innate immunity; Lipopolysaccharide

No. 1872

Li, H.Y.; Li, P.; Yang, H.G.; Wang, Y.Z.; Huang, G.X.; Wang, J.Q.; Zheng, N.

Investigation and comparison of the anti-tumor activities of lactoferrin, α -lactalbumin, and β -lactoglobulin in A549, HT29, HepG2, and MDA231-LM2 tumor models

Journal of Dairy Science v. 102, 2019: p. 9586-9597

10.3168/jds.2019-16429

anti-tumor activity; lactoferrin; α -lactalbumin; β -lactoglobulin

No. 1873

Jiang, Pingping; Yang, Wentao; Jin, Yubei; Huang, Haibin; Shi, Chunwei; Jiang, Yanlong; Wang, Jianzhong; Kang, Yuanhuan; Wang, Chunfeng; Yang, Guilian

Lactobacillus reuteri protects mice against Salmonella typhimurium challenge by activating macrophages to produce nitric oxide

Microbial Pathogenesis v. 137 , 2019 : p. 103754

10.1016/j.micpath.2019.103754

Macrophages; Immunoprotection; Phagocytosis

No. 1874

Hussain, Muhammad Hammad; Body, Mohammed Hassan Hussain; Al-Subhi, Afrah Hamed Abdullah; Al-Senaidi, Narjis Yousaf Ali; Eltahir, Hatim Ali; Mansoor, Muhammad Khalid; Al-Zadjali, Mohammed Somar; Al-Habsi, Saif Said; Aluahmadi, Sheikha Saif Rashid; Al-Subhi

Seroepidemiology of foot and mouth disease (FMD) virus non-structural protein (NSP) antibodies in the livestock of Oman

Acta Tropica v. 199, 2019: p. 105106

10.1016/j.actatropica.2019.105106

Cattle; Small ruminants; FMDV; 3ABC cELISA; NSP; Oman

No. 1875

Xie, M.; Sun, P.X.; Feng, Y.L.; Jiang, Y.; Tang, J.; Huang, W.; Zhang, Q.; Hou, S.S.

Effects of post-hatch brooding temperature on performance of starter and growing Pekin ducks

Poultry Science v. 98, 2019: p. 3647-3651

10.3382/ps/pez203

ducks; performance; brooding temperature

No. 1876

Tajima, Yukako; Hozumi, Akiko; Yoshida, Keita; Treen, Nicholas; Sakuma, Tetsushi; Yamamoto, Takashi; Sasakura, Yasunori

Hox13 is essential for formation of a sensory organ at the terminal end of the sperm duct in Ciona

Developmental Biology v. , 2019: p.

10.1016/j.ydbio.2019.10.028

Evolution; Species-specific trait; Sperm duct

No. 1877

Radulescu, Carola I.; Garcia-Miralles, Marta; Sidik, Harwin; Bardile, Costanza Ferrari; Yusof, Nur Amirah Binte Mohammad; Lee, Hae Ung; Ho, Eliza Xin Pei; Chu, Collins Wenhan; Layton, Emma; Low, Donovan; De Sessions, Paola Florez; Pettersson, Sven; Ginhou

Manipulation of microbiota reveals altered callosal myelination and white matter plasticity in a model of Huntington disease

Neurobiology of Disease v. 127, 2019: p. 65-75

10.1016/j.nbd.2019.02.011

Microbiota; Microbiome; BACHD; Germ-free; Huntington disease; Myelination; Oligodendrocytes; White matter

No. 1878

Pimentel, Ana Flávia Nogueira; Carvalho, Tamires dos Santos; Lima, Fernando; Lima-Maximino, Monica; Soares, Marta Candeias; Maximino, Caio

Conditional approach as cooperation in predator inspection: A role for serotonin?

Behavioural Brain Research v. 365, 2019: p. 164-169

10.1016/j.bbr.2019.03.005

Cooperation; Serotonin; Conditional approach; Guppy; Predator inspection

No. 1879

Zhang, Shouping; Hu, Bin; Xu, Jingfei; Ren, Qiuxuan; Wang, Lirong; Wang, Sanhu

Influenza A virus infection induces liver injury in mice

Microbial Pathogenesis v. 137, 2019: p. 103736

10.1016/j.micpath.2019.103736

Liver; Distribution; Influenza A virus; Injury

No. 1880

Tian, Cheng; Liao, Pei-Chun; Dayananda, Buddhi; Zhang, Yu-Yang; Liu, Zheng-Xiao; Li, Jun-Qing; Yu, Bing; Qing, Li

Impacts of livestock grazing, topography and vegetation on distribution of wildlife in Wanglang National Nature Reserve, China

Global Ecology and Conservation v. 20, 2019: p. e00726

10.1016/j.gecco.2019.e00726

Giant panda grazing livestock; Interspecific disturbance; Landscape effect; Niche partitioning; Species co-occurrence; Wanglang national nature reserve

No. 1881

Drozdz, Robert; Rychlik, Michal; Fijalkowska, Agata; Rygula, Rafal

Effects of cognitive judgement bias and acute antidepressant treatment on sensitivity to feedback and cognitive flexibility in the rat version of the probabilistic reversal-learning test

Behavioural Brain Research v. 359 , 2019 : p. 619-629

10.1016/j.bbr.2018.10.003

Rat; Ambiguous-cue interpretation; Antidepressant; Behavioural; Cognitive bias; Cognitive flexibility; Feedback sensitivity; Probabilistic reversal learning

No. 1882

Zhang, Lingyan; Jin, Pingting; Qin, Shizhen; Liu, Junzhen; Yang, Zhaojun; Zhao, Hongbo; Sheng, Qingkai

Effects of dietary supplementation with *S. platensis* and probiotics on the growth performance, immune response and the fecal *Lactobacillus* spp. and *E. coli* contents of weaned piglets

Livestock Science v. 225, 2019: p. 32-38

10.1016/j.livsci.2019.04.013

Immune response; Foot-and-mouth disease; Fecal microflora; Weaned piglet

No. 1883

Chen, Yao; Yu, Zhiqing; Yi, Heyou; Wei, Yingfang; Han, Xiaoliang; Li, Qi; Ji, Chihai; Huang, Junmin; Deng, Qiwei; Liu, Yixin; Cai, Mengkai; He, Shuyi; Ma, Chunquan; Zhang, Guihong

The phosphorylation of the N protein could affect PRRSV virulence in vivo

Veterinary Microbiology v. 231, 2019: p. 226-231

10.1016/j.vetmic.2019.03.018

Virulence; Phosphorylation; PRRSV; N protein

No. 1884

Ferreira, Tatiana H.; Mans, Christoph

Evaluation of neuraxial anesthesia in bearded dragons (*Pogona vitticeps*)

Veterinary Anaesthesia and Analgesia v. 46, 2019: p. 126-134

10.1016/j.vaa.2018.09.001

intrathecal anesthesia; lidocaine; lizard; neuraxial anesthesia; reptile; sacrococcygeal

No. 1885

Hulsegge, Ina; Schoon, Mira; Windig, Jack; Neuteboom, Marjolein; Hiemstra, Sipke Joost; Schurink, Anouk

Development of a genetic tool for determining breed purity of cattle

Livestock Science v. 223, 2019: p. 60-67

10.1016/j.livsci.2019.03.002

SNP; Assignment; Breed purity; Cattle breeds; Genetic test

No. 1886

Eikenaar, Cas; Hessler, Sven; Fischer, Sandra; Bairlein, Franz

An exception to the rule: Captivity does not stress wild migrating northern wheatears

General and Comparative Endocrinology v. 275, 2019: p. 25-29

10.1016/j.ygcen.2019.02.010

Stress; Corticosterone; Captivity; Hyperphagia; Migrant

No. 1887

Venkataraman, Sidish S.; Joseph, Michael; Dafny, Nachum

Concomitant behavioral and prefrontal cortex neuronal responses following acute and chronic methylphenidate exposure in adolescent and adult rats

Brain Research Bulletin v. 144, 2019: p. 200-212

10.1016/j.brainresbull.2018.11.004

Locomotion; Prefrontal cortex; Neuronal activity; Methylphenidate; Ritalin

No. 1888

Lv, Chao; Niu, Shuling; Yan, Shouqing; Bai, Chunyan; Yu, Xi; Hou, Jiani; Gao, Wenjing; Zhang, Jinyu; Zhao, Zhihui; Yang, Caini; Zhang, Yonghong

Low-density lipoprotein receptor-related protein 1 regulates muscle fiber development in cooperation with related genes to affect meat quality

Poultry Science v. 98, 2019: p. 3418-3425

10.3382/ps/pez168

chicken; meat-quality trait; regulation mechanism

No. 1889

Kilmer, Joseph T.; Rodríguez, Rafael L.

Miniature spiders (with miniature brains) forget sooner

Animal Behaviour v. 153 , 2019 : p. 25-32

10.1016/j.anbehav.2019.04.012

cognition; brain size; miniaturization; Pholcidae; prey searching

No. 1890

Gadaj, Anna; Ventura, Emiliano; Ripoche, Alexis; Mooney, Mark H.

Monitoring of selective androgen receptor modulators in bovine muscle tissue by ultra-high performance liquid chromatography-tandem mass spectrometry

Food Chemistry: X v. 4, 2019: p. 100056

10.1016/j.fochx.2019.100056

Food safety; Muscle tissue; Residue screening; SARMS; Selective androgen receptor modulators; UHPLC-MS/MS

No. 1891

Couacy-Hymann, Emmanuel; Koffi, Mathurin Y.; Kouadio, Valère K.; Mossoum, Arsène; Kouadio, Léonce; Kouassi, Antonette; Assemian, Krou; Godji, Privat H.; Nana, Pauline

Experimental infection of cattle with wild type peste-des-petits-ruminants virus – Their role in its maintenance and spread

Research in Veterinary Science v. 124, 2019: p. 118-122

10.1016/j.rvsc.2019.02.011

Cattle; Morbillivirus; PPR; Small ruminant

No. 1892

Muhammad, Hussin; Maslan, Shahira Fariza; Md Saad, Wan Mazlina; Thani, Nur Syimah Izzah Abdullah; Ibnu Rasid, Elda Nurafnie; Mahomoodally, Mohamad Fawzi; Awang, Norizah

Histopathological changes in placenta and liver of pregnant rats administered with aqueous extract of Dioscorea hispida var. daemona (Roxb) Prain & Burkill

Food and Chemical Toxicology v. 131, 2019: p. 110538

10.1016/j.fct.2019.05.046

Liver; Histopathology; Placenta; Intoxicating yam; Medicinal plant; Pregnant rats

No. 1893

Yerebakan, Can; Boltze, Johannes; Elmontaser, Hatem; Yoruker, Uygur; Latus, Heiner; Khalil, Markus; Ostermayer, Stefan; Steinbrenner, Blanca; Apitz, Christian; Schneider, Matthias; Suchowski, Marcel; Ruetten, Rita; Mueller, Kristin; Kerst, Gunther; Schran

Effects of pulmonary artery banding in doxorubicin-induced left ventricular cardiomyopathy

The Journal of Thoracic and Cardiovascular Surgery v. 157, 2019: p. 2416-2428.e4

10.1016/j.jtcvs.2019.01.138

cardiomyopathy; heart failure; left ventricle; pulmonary artery banding

No. 1894

Bates, M.L. Shawn; Trujillo, Keith A.

Long-lasting effects of repeated ketamine administration in adult and adolescent rats

Behavioural Brain Research v. 369, 2019: p. 111928

10.1016/j.bbr.2019.111928

Cognition; Ketamine; Sensitization; Adolescence; Addiction; Locomotor

No. 1895

Bolori, Parvin; Setaysh, Leila; Rasaei, Niloufar; Jarrahi, Farshad; Yekaninejad, Mir saeid; Mirzaei, khadijeh

Adherence to a healthy plant diet may reduce inflammatory factors in obese and overweight women-a cross-sectional study

Diabetes & Metabolic Syndrome: Clinical Research & Reviews v. 13, 2019: p. 2795-2802

10.1016/j.dsx.2019.07.019

Inflammation; hs-CRP; Liver factors; Obesity and overweight; TGF- β ; Vegetarian diet

No. 1896

Bueno, Mónica; Resconi, Virginia C.; Campo, M. Mar; Ferreira, Vicente; Escudero, Ana

Development of a robust HS-SPME-GC-MS method for the analysis of solid food samples. Analysis of volatile compounds in fresh raw beef of differing lipid oxidation degrees

Food Chemistry v. 281, 2019: p. 49-56

10.1016/j.foodchem.2018.12.082

Beef aroma; Direct analysis; External control; HS-SPME-GC-MS; Solid food samples; Volatile compounds

No. 1897

Small, Lewin; Brandon, Amanda E.; Parker, Benjamin L.; Deshpande, Vinita; Samsudeen, Azrah F.; Kowalski, Greg M.; Reznick, Jane; Wilks, Donna L.; Preston, Elaine; Bruce, Clinton R.; James, David E.; Turner, Nigel; Cooney, Gregory J.

Reduced insulin action in muscle of high fat diet rats over the diurnal cycle is not associated with defective insulin signaling

Molecular Metabolism v. 25 , 2019 : p. 107-118

10.1016/j.molmet.2019.04.006

Glucose uptake; Skeletal muscle; Diurnal rhythms; Insulin action; Insulin signaling; Phosphoproteomics

No. 1899

Patel, K.K.; Stanislawek, W.L.; Burrows, E.; Heuer, C.; Asher, G.W.; Wilson, P.R.; Howe, L.

Investigation of association between bovine viral diarrhoea virus and cervid herpesvirus type-1, and abortion in New Zealand farmed deer

Veterinary Microbiology v. 228, 2019: p. 1-6

10.1016/j.vetmic.2018.11.001

PCR; abortion; bovine viral diarrhoea virus; Cervid herpesvirus type-1; Cervid Rhadinovirus type-2; Red deer; virus neutralisation test

No. 1901

Grunst, Andrea S.; Grunst, Melissa L.; Pinxten, Rianne; Eens, Marcel

Personality and plasticity in neophobia levels vary with anthropogenic disturbance but not toxic metal exposure in urban great tits: Urban disturbance, metal pollution and neophobia

Science of The Total Environment v. 656, 2019: p. 997-1009

10.1016/j.scitotenv.2018.11.383

Neophobia; Urbanization; Animal personality; Behavioral plasticity; Metal pollution

No. 1903

Denis-Robichaud, J.; Kelton, D.F.; Bauman, C.A.; Barkema, H.W.; Keefe, G.P.; Dubuc, J.

Biosecurity and herd health management practices on Canadian dairy farms

Journal of Dairy Science v. 102, 2019: p. 9536-9547

10.3168/jds.2018-15921

disease introduction; disease spread; health management; sanitation

No. 1898

Doysabas, Karla Cristine C.; Oba, Mami; Furuta, Masaya; Iida, Keisuke; Omatsu, Tsutomu; Furuya, Tetsuya; Okada, Takashi; Sutummaporn, Kripitch; Shimoda, Hiroshi; Wong, Min-Liang; Wu, Chung-Hsin; Ohmori, Yasushige; Kobayashi, Ryosuke; Hengjan, Yupadee; Yon

Encephalomyocarditis virus is potentially derived from eastern bent-wing bats living in East Asian countries

Virus Research v. 259, 2019: p. 62-67

10.1016/j.virusres.2018.10.020

Encephalomyocarditis virus (EMCV)

No. 1900

Hanlon, Lauren A.; Raghupathi, Ramesh; Huh, Jimmy W.

Depletion of microglia immediately following traumatic brain injury in the pediatric rat: Implications for cellular and behavioral pathology

Experimental Neurology v. 316, 2019: p. 39-51

10.1016/j.expneurol.2019.04.004

Neurodegeneration; Microglia; Spatial learning; Clodronate; Cortical activity; Pediatric TBI

No. 1902

Zhou, Changyin; Zhang, Xue; Chen, Yixuan; Liu, Xiangping; Sun, Yuxin; Xiong, Bo

Glutathione alleviates the cadmium exposure-caused porcine oocyte meiotic defects via eliminating the excessive ROS

Environmental Pollution v. 255, 2019: p. 113194

10.1016/j.envpol.2019.113194

Cadmium; ROS; Glutathione; Fertilization capacity; Meiotic maturation

No. 1904

Neves, Kleber; Menezes Guimarães, Daniel; Rayêe, Danielle; Valério-Gomes, Bruna; Meneses lack, Pamela; Lent, Roberto; Mota, Bruno

The reliability of the isotropic fractionator method for counting total cells and neurons

Journal of Neuroscience Methods v. 326, 2019: p. 108392

10.1016/j.jneumeth.2019.108392

Reliability; Cell counting; Isotropic fractionator; Neuron counting

No. 1905

Bownik, Adam

Effects of ectoine on behavioral, physiological and biochemical parameters of *Daphnia magna* exposed to dimethyl sulfoxide

Science of The Total Environment v. 683 , 2019 : p. 193-201

10.1016/j.scitotenv.2019.05.257

Toxicity; Dimethyl sulfoxide (DMSO); Ectoine**No. 1906**

Yuan, Taoyan; Zhao, Wanqiu; Niu, Yifan; Fu, Yan; Lu, Lizhi; Niu, Dong

Exploration of the temporal-spatial expression pattern and DNA methylation-related regulation of the duck telomerase reverse transcriptase gene

Poultry Science v. 98, 2019: p. 3257-3267

10.3382/ps/pez240

DNA methylation; duck; telomerase activity; telomere length; TERT**No. 1907**

DeRango, Eugene J.; Schwarz, Jonas F.L.; Kalberer, Stephanie; Piedrahita, Paolo; Pérez-Rosas, Diego; Krüger, Oliver

Intrinsic and maternal traits influence personality during early life in Galápagos sea lion, *Zalophus wollebaeki*, pups

Animal Behaviour v. 154, 2019: p. 111-120

10.1016/j.anbehav.2019.06.011

boldness; development; human approach; novel object; pinniped**No. 1908**

Sun, Yanyan; Liu, Nian; Bai, Hao; Li, Yunlei; Xue, Fuguang; Ye, Jianhua; Ma, Hui; En, He; Chen, Jilan

Differential proteomic analysis to identify proteins associated with beak deformity in chickens1

Poultry Science v. 98, 2019: p. 1833-1841

10.3382/ps/pey519

chicken; protein; iTRAQ; beak deformity; western blot**No. 1909**

Hu, Lihai; Fernandez, Diego P.; Cerling, Thure E.

Trace element concentrations in horn: Endogenous levels in keratin and susceptibility to exogenous contamination

Chemosphere v. 237, 2019: p. 124443

10.1016/j.chemosphere.2019.124443

Keratin; Endogenous level; Enrichment factor; Exogenous contamination; Horn; Trace element**No. 1910**

Jurišić, N; Schwartz-Zimmermann, H E; Kunz-Vekiru, E; Moll, W D; Schweiger, W; Fowler, J; Berthiller, F

Determination of aflatoxin biomarkers in excreta and ileal content of chickens

Poultry Science v. 98, 2019: p. 5551-5561

10.3382/ps/pez308

chicken; aflatoxin; biomarker; feed safety; mycotoxin**No. 1911**

Aliprandini, Eduardo; Takata, Daniela Yumi; Lepique, Ana; Kalil, Jorge; Boscardin, Silvia Beatriz; Moro, Ana Maria

An oligoclonal combination of human monoclonal antibodies able to neutralize tetanus toxin in vivo

Toxicon: X v. 2, 2019: p. 100006

10.1016/j.toxcx.2019.100006

Epitope mapping; Ganglioside; Neuron receptor; Neutralizing antibody; Peptide array; Tetanus toxin**No. 1912**

Niknia, Seddigheh; Kaeidi, Ayat; Hajizadeh, Mohammad Reza; Mirzaei, Mohammad Reza; Khoshdel, Alireza; Hajjalizadeh, Zahra; Fahmidehkar, Mohammad Ali; Mahmoodi, Mehdi

Neuroprotective and antihyperalgesic effects of orexin-A in rats with painful diabetic neuropathy

Neuropeptides v. 73, 2019: p. 34-40

10.1016/j.npep.2018.11.001

Rat; Apoptosis; Diabetic neuropathy; Nociception; Orexin-A

No. 1913

Gozalo-Marcilla, Miguel; Luna, Stelio PL; Gasthuys, Frank; Pollaris, Elke; Vlamincx, Lieven; Martens, Ann; Haspeslagh, Maarten; Schauvliege, Stijn

Clinical applicability of detomidine and methadone constant rate infusions for surgery in standing horses

Veterinary Anaesthesia and Analgesia v. 46 , 2019 : p. 325-334

10.1016/j.vaa.2019.01.005

equine; opioid; clinical study; constant rate infusion; Ghent Sedation Algorithm; α -agonist

No. 1914

Yassumoto, Tamiris I.; Tachinardi, Patricia; Oda, Gisele A.; Valentinuzzi, Veronica S.

Acute effects of light and darkness on the activity and temperature rhythms of a subterranean rodent, the Anillaco tuco-tuco

Physiology & Behavior v. 210, 2019: p. 112645

10.1016/j.physbeh.2019.112645

Body temperature; General activity; Masking; Running wheel; Subterranean rodent; Switch

No. 1915

Chen, Shihao; Hu, Xuming; Cui, Isabelle H.; Wu, Shaogen; Dou, Chunfeng; Liu, Yangyang; Sun, Zhen; Xue, Songlei; Geng, Tuoyu; Liu, Zongping; Qin, Aijian; Cui, Hengmi

An endogenous retroviral element exerts an antiviral innate immune function via the derived lncRNA lnc-ALVE1-AS1

Antiviral Research v. 170, 2019: p. 104571

10.1016/j.antiviral.2019.104571

Innate immunity; Antisense lncRNAs; Antiviral defence; Endogenous retroviruses; Epigenetic regulation

No. 1916

Lv, Zhao; Wang, Lingling; Jia, Zhihao; Sun, Jiejie; Wang, Weilin; Liu, Zhaoqun; Qiu, Limei; Wang, Mengqiang; Song, Linsheng

Hemolymph C1qDC promotes the phagocytosis of oyster *Crassostrea gigas* hemocytes by interacting with the membrane receptor β -integrin

Developmental & Comparative Immunology v. 98, 2019: p. 42-53

10.1016/j.dci.2019.04.004

Phagocytosis; C1qDC; Opsonization; Oyster; β -Integrin

No. 1917

Montuelle, Stéphane J.; Olson, Rachel A.; Curtis, Hannah; Sidote, JoAnna V.; Williams, Susan H.

The effect of unilateral lingual nerve injury on the kinematics of mastication in pigs

Archives of Oral Biology v. 98, 2019: p. 226-237

10.1016/j.archoralbio.2018.11.024

Chewing; Gape cycle; Jaw movements; Lingual nerve denervation; Lingual nerve transection; XROMM

No. 1918

Dou, Jinhuan; Montanholi, Yuri R.; Wang, Zezhao; Li, Zhongshu; Yu, Ying; Martell, Janel E.; Wang, Ya Jing; Wang, Yachun

Corticosterone tissue-specific response in Sprague Dawley rats under acute heat stress

Journal of Thermal Biology v. 81, 2019: p. 12-19

10.1016/j.jtherbio.2019.02.004

Body temperature; Lung; Adrenal; Biochemical indicators; Heat sensitivity analysis; Stomach

No. 1919

Giacobbo, Bruno Lima; de Freitas, Betânia Souza; Vedovelli, Kelem; Schlemmer, Livia Machado; Pires, Vivian Naziaseno; Antoniazzi, Vinicius; Santos, Cristophod de Souza dos; Paludo, Leticia; Borges, Juliano Viana; de Lima, Daiane Borba; Schröder, Nadja; de

Long-term environmental modifications affect BDNF concentrations in rat hippocampus, but not in serum

Behavioural Brain Research v. 372, 2019: p. 111965

10.1016/j.bbr.2019.111965

serum; Environmental enrichment; BDNF; Hippocampus; proBDNF; Social isolation

No. 1920

Gao, Zhongcheng; Sun, Li; Dai, Kaiyu; Du, Yulu; Wu, Shenglong; Bao, Wenbin

Effects of mutations in porcine miRNA-215 precursor sequences on miRNA-215 regulatory function

Gene v. 701, 2019: p. 131-138

10.1016/j.gene.2019.03.044

Pig; Genetic variation; miR-192; miR-215; Precursor sequence

No. 1921

Morittu, Valeria Maria; Minuti, Andrea; Spina, Antonella; Riboni, Mario Vailati; Piccioli-Cappelli, Fiorenzo; Trevisi, Erminio; Britti, Domenico; Lopreiato, Vincenzo

Age-related metabolic changes of pre-weaned Simmental calves fed whole bulk milk and ad libitum calf starter

Research in Veterinary Science v. , 2019 : p.
10.1016/j.rvsc.2019.10.003

Simmental; Calves; Metabolic profile; Pre-weaning

No. 1922

Wang, Xing-he; Li, Wei; Wang, Xing-hui; Han, Mei-yu; Muhammad, Ishfaq; Zhang, Xiu-ying; Sun, Xiao-qi; Cui, Xiao-xu

Water-soluble substances of wheat: a potential preventer of aflatoxin B1-induced liver damage in broilers

Poultry Science v. 98, 2019: p. 136-149

10.3382/ps/pey358

broilers; aflatoxin B1; liver damage; water-soluble substances of wheat

No. 1923

Bohloul, M.; Alijani, S.; Naderi, S.; Yin, T.; König, S.

Prediction accuracies and genetic parameters for test-day traits from genomic and pedigree-based random regression models with or without heat stress interactions

Journal of Dairy Science v. 102, 2019: p. 488-502

10.3168/jds.2018-15329

random regression model; genomic prediction; genotype by environment interaction; temperature-humidity index

No. 1924

Poulopoulou, Ioanna; Lambertz, Christian; Gauly, Matthias

Are automated sensors a reliable tool to estimate behavioural activities in grazing beef cattle?

Applied Animal Behaviour Science v. 216, 2019: p. 1-5

10.1016/j.applanim.2019.04.009

Grazing; Beef; Accelerometer; Direct observation; Feeding and locomotion behaviour

No. 1925

Gowrishankar, S.; Aravind, M.; Sastya, Sushmita; Latha, Bhaskaran Ravi; Azhahianambi, P.; Vairamuthu, S; Jayanthi, C.

Dirofilaria hongkongensis – A first report of potential zoonotic dirofilariasis infection in dogs from Tamil Nadu

Veterinary Parasitology: Regional Studies and Reports v. 18, 2019: p. 100326

10.1016/j.vprsr.2019.100326

PCR; Tamil Nadu

No. 1926

Yin, Zhihong; Ge, Yaming; Ning, Hongmei; Zhu, Yubo; Chen, Lingli; Zhang, Shouping; Xia, Xiaojing; Wang, Xinzhuang; Wang, Lirui; Pang, Quanhai; Liu, Xingyou

Expression and tissue distribution analysis of Angiotensin II in sheep (Ovis aries) skins associated with white and black coat colors

Acta Histochemica v. 121, 2019: p. 407-412

10.1016/j.acthis.2019.03.002

Sheep; Skin; AngII; Coat color; Hair bulb

No. 1927

Ansari Mood, Maneli; Rajaei, Seyed Mehdi; Faghihi, Houman; Ghiadi, Abdoljalil

Effect of Topical 1% Cyclopentolate Hydrochloride on Tear Production, Intraocular Pressure, and Pupil Size in Healthy Turkman Horses

Journal of Equine Veterinary Science v. 75, 2019: p. 25-29

10.1016/j.jevs.2019.01.002

Horse; Intraocular pressure; Cyclopentolate; Equine ophthalmology; Schirmer tear test; Vertical pupil diameter

No. 1928

Zhang, Yanhong; Yu, Yan; Ou, Changbo; Ma, Jinyou; Wang, Qiuxia; Du, Shouyang; Xu, Zhiyong; Li, Renfeng; Guo, Feng

Alleviation of infectious-bursal-disease-virus-induced bursal injury by betaine is associated with DNA methylation in IL-6 and interferon regulatory factor 7 promoter

Poultry Science v. 98, 2019: p. 4457-4464

10.3382/ps/pez280

broiler; betaine; IBDV; methylation

No. 1929

Zhu, Yan; Wang, Dong

Effect of neighboring seeds associated with habitats on the seed removal of two coexisting myrmecochorous plants in central China

Basic and Applied Ecology v. 40 , 2019 : p. 12-18

10.1016/j.baae.2019.07.004

Rodents; Associational effects; Habitat; Myrmecochory

No. 1930

Huber, Laura; Giguère, Steeve; Cohen, Noah D.; Slovis, Nathan M.; Hanafi, Amanda; Schuckert, Amanda; Berghaus, Londa; Greiter, Maggie; Hart, Kelsey A.

Prevalence and risk factors associated with emergence of *Rhodococcus equi* resistance to macrolides and rifampicin in horse-breeding farms in Kentucky, USA

Veterinary Microbiology v. 235, 2019: p. 243-247

10.1016/j.vetmic.2019.07.010

Antimicrobial resistance; Pneumonia; Azithromycin; Clarithromycin; Erythromycin

No. 1931

Liu, H H; Mao, H G; Dong, X Y; Cao, H Y; Liu, K; Yin, Z Z

Expression of MSTN gene and its correlation with pectoralis muscle fiber traits in the domestic pigeons (*Columba livia*)

Poultry Science v. 98, 2019: p. 5265-5271

10.3382/ps/pez399

muscle fiber; mRNA expression; pigeon; myostatin

No. 1932

Silva, Thales de Lima; Carneiro, Paulo Luiz Souza; Ambrosini, Diego Pagung; Lôbo, Raysildo Barbosa; Filho, Raimundo Martins; Malhado, Carlos Henrique Mendes

Genotype-environment interaction in the genetic variability analysis of reproductive traits in Nelore cattle

Livestock Science v. 230, 2019: p. 103825

10.1016/j.livsci.2019.103825

Bayesian inference; Reaction norms; Environmental sensitivity; Phenotypic plasticity

No. 1933

Fanelli, D.; Tesi, M.; Bagnato, G.; Salari, F.; Martini, M.; Panzani, D.; Camillo, F.; Rota, A.

New simplified protocols for timed artificial insemination (TAI) in milk-producing donkeys

Theriogenology v. 139, 2019: p. 126-131

10.1016/j.theriogenology.2019.08.005

Donkey; Artificial insemination; Pregnancy rate

No. 1934

Hentz, Susana G.; Fernandes, Maria Angela M.; Del Bianchi, Michelle; Reyes, Felix.G.R.; de Souza, João Kleber G.; Giannotti, Fábio M.; Monteiro, Alda L.G.

Faecal excretion of moxidectin in lambs and its persistence in different environmental conditions

Small Ruminant Research v. 174, 2019: p. 26-33

10.1016/j.smallrumres.2019.02.015

Sheep; Environmental contamination; Drug degradability; Moxidectin

No. 1935

Kim, Gwang-Ho; Lim, Kyunghyun; Yang, Hae Sung; Lee, Ji-Kwang; Kim, Yehlim; Park, Sang-Kyu; Kim, So-Hyeon; Park, Suhyeon; Kim, Tae-Hee; Moon, Jong-Seok; Hwang, In Koo; Yoon, Yeo Sung; Seo, Hyung Seok; Nam, Sung Min; Kim, Mi-Yeon; Yoon, Seul Gi; Seong, Je K

Improvement in neurogenesis and memory function by administration of *Passiflora incarnata* L. extract applied to sleep disorder in rodent models

Journal of Chemical Neuroanatomy v. 98, 2019: p. 27-40

10.1016/j.jchemneu.2019.03.005

Alzheimer's disease; Hippocampus; Neurogenesis; .; Memory functions

No. 1936

Ghadiri, Tahereh; Vakilzadeh, Gelareh; Hajali, Vahid; Khodagholi, Fariba

Progesterone modulates post-traumatic epileptogenesis through regulation of BDNF-TrkB signaling and cell survival-related pathways in the rat hippocampus

Neuroscience Letters v. 709, 2019: p. 134384

10.1016/j.neulet.2019.134384

Progesterone; Apoptosis; Traumatic brain injury; BDNF; Epileptogenesis; Pentylentetrazole

No. 1937

Mohebodini, H.; Jazi, V.; Bakhshalinejad, R.; Shabani, A.; Ashayerizadeh, A.

Effect of dietary resveratrol supplementation on growth performance, immune response, serum biochemical indices, cecal microflora, and intestinal morphology of broiler chickens challenged with *Escherichia coli*

Livestock Science v. 229, 2019 : p. 13-21

10.1016/j.livsci.2019.09.008

Resveratrol; Growth performance; Immune response; Broiler chickens; Intestinal health

No. 1939

Daba Feyissa, Daniel; Sialana, Fernando J.; Keimpema, Erik; Kalaba, Predrag; Paunkov, Ana; Engidawork, Ephrem; Höger, Harald; Lubec, Gert; Korz, Volker

Dopamine type 1- and 2-like signaling in the modulation of spatial reference learning and memory

Behavioural Brain Research v. 362, 2019: p. 173-180

10.1016/j.bbr.2019.01.028

Cognition; Dopamine; Frontal cortex; Long-term memory; Synaptic restructuring; Task load

No. 1941

Anucherngchai, Sothorn; Chontanarith, Thapana

Echinostoma revolutum: Development of a high performance DNA-specific primer to demonstrate the epidemiological situations of their intermediate hosts

Acta Tropica v. 189, 2019: p. 46-53

10.1016/j.actatropica.2018.09.014

Epidemiological situations; Intermediate hosts; Specific detection; Trematode

No. 1943

Yang, Liangliang; Wang, Wenxia; Huang, Songlin; Wang, Yu; Wronski, Torsten; Deng, Huaqing; Lu, Jun

Individual stress responses of white rhinoceros (*Ceratotherium simum*) to transport: implication for a differential management

Global Ecology and Conservation v. 17, 2019: p. e00588

10.1016/j.gecco.2019.e00588

Fecal glucocorticosteroid metabolites; Physiological stress

No. 1938

Pang, Shimin; Li, Yanshu; Chen, Wei; Li, Yaobin; Yang, Meiyuan; Zhao, Lijuan; Shen, Qiwei; Cheng, Nuo; Wang, Ying; Lin, Xuequn; Ma, Jianmin; Wu, Honghao; Zhu, Gaochun

Pb exposure reduces the expression of SNX6 and Homer1 in offspring rats and PC12 cells

Toxicology v. 416, 2019: p. 23-29

10.1016/j.tox.2019.02.002

Dendritic spine; Homer1; Lead (Pb); Sorting nexin 6 (SNX6)

No. 1940

de Oliveira, J.C.; Drabowski, B.M.B.; Rodrigues, S.M.A.F.; Maciel, R.M.; Moraes, M.F.D.; Cota, V.R.

Seizure suppression by asynchronous non-periodic electrical stimulation of the amygdala is partially mediated by indirect desynchronization from nucleus accumbens

Epilepsy Research v. 154, 2019: p. 107-115

10.1016/j.eplesyres.2019.05.009

Pentylentetrazole; Nucleus accumbens; Epilepsy; Amygdala; Electrical stimulation; Hypersynchronism; Neural networks; Non-Periodic; NPS; Seizures

No. 1942

Zhang, Y.; Yao, Y.; Wang, M.M.; Yang, Y.Z.; Gu, T.T.; Cao, Z.F.; Lu, L.; An, C.; Wang, J.W.; Chen, G.H.; Xu, Q.; Zhao, W.M.

Comparisons in geese of the courtship, mating behaviors and fertility of the Carlos and Sichuan breeds and the breed crosses

Animal Reproduction Science v. 204, 2019: p. 86-94

10.1016/j.anireprosci.2019.03.008

Courtship behaviors; Fertility rate; Goose; Mating behaviors

No. 1944

Vestergaard, M.; Jørgensen, K.F.; Çakmakçı, C.; Kargo, M.; Therkildsen, M.; Munk, A.; Kristensen, T.

Performance and carcass quality of crossbred beef x Holstein bull and heifer calves in comparison with purebred Holstein bull calves slaughtered at 17 months of age in an organic production system

Livestock Science v. 223, 2019: p. 184-192

10.1016/j.livsci.2019.03.018

Crossbreeding; Grazing; Carcass quality; Growth performance; Organic beef

No. 1945

Opsteegh, M.; Spano, F.; Aubert, D.; Balea, A.; Burrells, A.; Cherchi, S.; Cornelissen, J.B.W.J.; Dam-Deisz, C.; Guitian, J.; Györke, A.; Innes, E.A.; Katzer, F.; Limon, G.; Possenti, A.; Pozio, E.; Schares, G.; Villena, I.; Wisselink, H.J.; van der Giess

The relationship between the presence of antibodies and direct detection of *Toxoplasma gondii* in slaughtered calves and cattle in four European countries

International Journal for Parasitology v. 49 , 2019 : p. 515-522
10.1016/j.ijpara.2019.01.005

PCR; Serology; Cattle; Detection; Mouse bioassay

No. 1947

Toots, Mart; Yoon, Jeong-Joong; Hart, Michael; Natchus, Michael G.; Painter, George R; Plempner, Richard K

Quantitative efficacy paradigms of the influenza clinical drug candidate EIDD-2801 in the ferret model

Translational Research v. , 2019: p.

10.1016/j.trsl.2019.12.002

No. 1949

Ly, Lexie T.; Benthall, Katelyn N.; Pale, Timothee; McClellan, Andrew D.

Restoration of the Topological Organization of the Trigeminal System Following Trigeminal Nerve Root Injury in the Lamprey

Neuroscience v. 423, 2019: p. 216-231

10.1016/j.neuroscience.2019.08.044

regeneration; cranial nerves; somatotopic; topographical; trigeminal

No. 1951

da Silva, Bárbara Pereira; Toledo, Renata Celi Lopes; Grancieri, Mariana; Moreira, Maria Eliza de Castro; Medina, Natália Ramirez; Silva, Roberta Ribeiro; Costa, Neuza Maria Brunoro; Martino, Hércia Stampini Duarte

Effects of chia (*Salvia hispanica* L.) on calcium bioavailability and inflammation in Wistar rats

Food Research International v. 116, 2019: p. 592-599

10.1016/j.foodres.2018.08.078

Gene expression; Anti-inflammatory; L; NFkB; PPAR-α; Protein levels

No. 1946

Nowland, Tanya Louise; van Wettere, William Hendrik Ernest John; Plush, Kate Joanna

Allowing sows to farrow unconfined has positive implications for sow and piglet welfare

Applied Animal Behaviour Science v. 221, 2019: p. 104872

10.1016/j.applanim.2019.104872

Behaviour; Sow; Confinement; Farrowing; Piglet mortality

No. 1948

Kazlauskas, Nadia; Seiffe, Araceli; Campolongo, Marcos; Zappala, Cecilia; Depino, Amaicha Mara

Sex-specific effects of prenatal valproic acid exposure on sociability and neuroinflammation: Relevance for susceptibility and resilience in autism

Psychoneuroendocrinology v. 110, 2019: p. 104441

10.1016/j.psyneuen.2019.104441

Autism spectrum disorders; Neuroinflammation; Valproic acid; Sex-specific effects; Sociability

No. 1950

Bakrania, Bhavisha A.; Hall, Michael E.; Shahul, Sajid; Granger, Joey P.

The Reduced Uterine Perfusion Pressure (RUPP) rat model of preeclampsia exhibits impaired systolic function and global longitudinal strain during pregnancy

Pregnancy Hypertension v. 18, 2019: p. 169-172

10.1016/j.preghy.2019.10.001

Cardiac dysfunction; Echocardiography; Placental ischemia; Preeclampsia; Speckle tracking

No. 1952

Yang, Wei; Tian, Zhi-Kai; Yang, Hui-Xin; Feng, Zhao-Jun; Sun, Jian-Mei; Jiang, Hong; Cheng, Chao; Ming, Qing-Lei; Liu, Chan-Min

Fisetin improves lead-induced neuroinflammation, apoptosis and synaptic dysfunction in mice associated with the AMPK/SIRT1 and autophagy pathway

Food and Chemical Toxicology v. 134, 2019: p. 110824

10.1016/j.fct.2019.110824

Inflammation; Apoptosis; Lead; Autophagy; Fisetin; Synaptic dysfunctions

No. 1953

Ulkumen, Burak; Artunc Ulkumen, Burcu; Batir, Muhammet Burak; Pala, Halil Gursay; Vatansever, Seda; Cam, Sirri

Impact of Pregnancy and Glucocorticoid Treatment on NF- κ B and MUC5AC in Mucosa of Rat Larynx

Journal of Voice v. , 2019 : p.

10.1016/j.jvoice.2019.11.008

Progesterone; Glucocorticoid; NF- κ B; Pregnancy; Dysphonia; MUC5AC

No. 1954

Shaukat, Aftab; Guo, Ying-fang; Jiang, Kangfeng; Zhao, Gan; Wu, Haichong; Zhang, Tao; Yang, Yaping; Guo, Shuai; Yang, Chao; Zahoor, Arshad; Akhtar, Muhammad; Umar, Talha; Shaukat, Irfan; Rajput, Shahid Ali; Hassan, Mubashar; Deng, Ganzhen

Ginsenoside Rb1 ameliorates Staphylococcus aureus-induced Acute Lung Injury through attenuating NF- κ B and MAPK activation

Microbial Pathogenesis v. 132, 2019: p. 302-312

10.1016/j.micpath.2019.05.003

NF- κ B; MAPK; Ginsenoside Rb1; Lung injury

No. 1955

Adamovich, Yaarit; Ladeuix, Benjamin; Sobel, Jonathan; Manella, Gal; Neufeld-Cohen, Adi; Assadi, Mohammad H.; Golik, Marina; Kuperman, Yael; Tarasiuk, Ariel; Koeners, Maarten P.; Asher, Gad

Oxygen and Carbon Dioxide Rhythms Are Circadian Clock Controlled and Differentially Directed by Behavioral Signals

Cell Metabolism v. 29, 2019: p. 1092-1103.e3

10.1016/j.cmet.2019.01.007

metabolism; carbon dioxide; circadian clocks; metabolic cages; oxygen; phase resetting; respiration; time restricted feeding

No. 1956

Yang, Lin; Yuan, Haoran; Yu, Ying; Yu, Nan; Ling, Lilu; Niu, Jianying; Gu, Yong

Epidermal growth factor receptor mimotope alleviates renal fibrosis in murine unilateral ureteral obstruction model

Clinical Immunology v. 205, 2019: p. 57-64

10.1016/j.clim.2019.05.014

Macrophage; CD9; Epidermal growth factor receptor; Mimotope; Renal fibrosis

No. 1957

Lovarelli, Daniela; Falcone, Giacomo; Orsi, Luigi; Bacenetti, Jacopo

Agricultural small anaerobic digestion plants: Combining economic and environmental assessment

Biomass and Bioenergy v. 128, 2019: p. 105302

10.1016/j.biombioe.2019.105302

Anaerobic digestion; Life cycle assessment; Animal slurry; Economic performance; GHG reduction cost

No. 1958

Bellaver, Bruna; Rocha, Andréia S.; Souza, Débora G.; Leffa, Douglas T.; De Bastiani, Marco Antônio; Schu, Guilherme; Lukasewicz Ferreira, Pâmela C.; Venturin, Gianina T.; Greggio, Samuel; Ribeiro, Camila T.; da Costa, Jaderson C.; Moreira, José Cláudio F

Activated peripheral blood mononuclear cell mediators trigger astrocyte reactivity

Brain, Behavior, and Immunity v. 80, 2019: p. 879-888

10.1016/j.bbi.2019.05.041

Glucose; Energy metabolism; Sepsis; Astrocyte; Glutamate; PBMC

No. 1959

Gan, Mailin; Zheng, Ting; Shen, Linyuan; Tan, Ya; Fan, Yuan; Shuai, Surong; Bai, Lin; Li, Xuewei; Wang, Jinyong; Zhang, Shunhua; Zhu, Li

Genistein reverses isoproterenol-induced cardiac hypertrophy by regulating miR-451/TIMP2

Biomedicine & Pharmacotherapy v. 112, 2019: p. 108618

10.1016/j.biopha.2019.108618

Cardiac hypertrophy; Genistein; Isoproterenol; miR-451; TIMP2

No. 1960

Grottke, Oliver; Braunschweig, Till; Rossaint, Rolf; Akman, Necib; Leeds, Janet M.; Conley, Pamela B.; Honickel, Markus

Transient or extended reversal of apixaban anticoagulation by andexanet alfa is equally effective in a porcine polytrauma model

British Journal of Anaesthesia v. 123, 2019: p. 186-195

10.1016/j.bja.2019.04.059

andexanet alfa; anticoagulants; antidotes; apixaban; coagulation; haemorrhage; trauma

No. 1961

Edgley, Duncan E.; Genner, Martin J.

Adaptive Diversification of the Lateral Line System during Cichlid Fish Radiation

iScience v. 16 , 2019 : p. 1-11

10.1016/j.isci.2019.05.016

Animals; Biological Sciences; Zoology; Ecology; Evolutionary Biology

No. 1962

Silvestre, A.M.; Cruz, G.D.; Owens, F.N.; Pereira, M.C.S.; Hicks, R.B.; Millen, D.D.

Predicting feedlot cattle performance from intake of dry matter and NEg early in the feeding period

Livestock Science v. 223, 2019: p. 108-115

10.1016/j.livsci.2019.03.007

Performance; Energy; Feedlot; Steers; Heifers; Dry matter intake

No. 1963

Basdagianni, Z.; Papaloukas, L.; Kyriakou, G.; Karaïskou, C.; Parissi, Z.; Sinapis, E.; Kasapidou, E.

A comparative study of the fatty acid and terpene profiles of ovine and caprine milk from Greek mountain sheep breeds and a local goat breed raised under a semi-extensive production system

Food Chemistry v. 278, 2019: p. 625-629

10.1016/j.foodchem.2018.11.093

Fatty acids; Caprine milk; Ovine milk; Semi-extensive production system; Terpenes

No. 1964

Cao, Ji; Zhu, Xin-Chi; Liu, Xin-Yuan; Yuan, Kang; Zhang, Jia-Jun; Gao, Hui-Hui; Li, Jin-Nian

An oral double-targeted DNA vaccine induces systemic and intestinal mucosal immune responses and confers high protection against *Vibrio mimicus* in grass carps

Aquaculture v. 504, 2019: p. 248-259

10.1016/j.aquaculture.2019.02.006

Double-targeted DNA vaccine; Grass carps; Protection; Systemic and intestinal mucosal immunities

No. 1965

Jagielski, Tomasz; Roeske, Katarzyna; Bakula, Zofia; Piech, Tomasz; Wlazlo, Łukasz; Bochniarz, Mariola; Woch, Piotr; Krukowski, Henryk

A survey on the incidence of *Prototheca* mastitis in dairy herds in Lublin province, Poland

Journal of Dairy Science v. 102, 2019: p. 619-628

10.3168/jds.2018-15495

spp.; (sub)clinical mastitis; dairy herd; Poland

No. 1966

Luo, Lixia; Yang, Jin; Oh, Yumin; Hartsock, Matthew J.; Xia, Shiyu; Kim, Yoo-Chun; Ding, Zheng; Meng, Tuo; Eberhart, Charles G.; Ensign, Laura M.; Thorne, Jennifer E.; Stark, Walter J.; Duh, Elia J.; Xu, Qingguo; Hanes, Justin

Controlled release of corticosteroid with biodegradable nanoparticles for treating experimental autoimmune uveitis

Journal of Controlled Release v. 296, 2019: p. 68-80

10.1016/j.jconrel.2019.01.018

Inflammation; Animal model; Microglia; Polymers; Ocular drug delivery

No. 1967

Needham, Tersia; Laubser, Johannes G.; Kotrba, Radim; Bureš, Daniel; Smyth, Heather; Hoffman, Louwrens C.

Sensory characteristics of the longissimus thoracis et lumborum and biceps femoris muscles from male and female common eland (*Taurotragus oryx*)

Meat Science v. 158, 2019: p. 107918

10.1016/j.meatsci.2019.107918

Tenderness; Antelope; Aroma; Flavour; Game meat

No. 1968

Rezvani, Sina; Kennedy, Christopher; Moheimani, Navid R.

Techno-economic study of multi-product resource scenarios for *Pleurochrysis carterae* grown in open ponds in Western Australia

Algal Research v. 39, 2019: p. 101456

10.1016/j.algal.2019.101456

Fishmeal; Bio-oil; Biogas; Cattle feed; Coccoliths; Techno-economic assessment

No. 1969

Smedley, Elizabeth B.; DiLeo, Alyssa; Smith, Kyle S.

Circuit directionality for motivation: Lateral accumbens-pallidum, but not pallidum-accumbens, connections regulate motivational attraction to reward cues

Neurobiology of Learning and Memory v. 162 , 2019 : p. 23-35
10.1016/j.nlm.2019.05.001

Reward; Incentive salience; Nucleus accumbens (shell); Sign-tracking; Ventral pallidum

No. 1970

Finlayson, Kimberly A.; Leusch, Frederic D.L.; Limpus, Colin J.; van de Merwe, Jason P.

Towards the development of standardised sea turtle primary cell cultures for toxicity testing

Ecotoxicology and Environmental Safety v. 173, 2019: p. 63-70
10.1016/j.ecoenv.2019.01.117

Cytotoxicity; Heavy metals; Primary cell

No. 1971

Abuhashish, Hatem; Al-Mahalawy, Haytham; Zakaria, Osama; Marei, Hesham; Abdelhady, Adel; AlKindi, Mohammed; Al-Jandan, Badr

Delayed Healing of Tooth Extraction Sockets After Vascular Endothelial Growth Factor Inhibition by Bevacizumab

Journal of Oral and Maxillofacial Surgery v. 77, 2019: p. 1975-1981
10.1016/j.joms.2019.04.003

No. 1972

Rachid, Milene Alvarenga; da Silva Camargos, Elizabeth Ribeiro; Marzano, Lucas Alexandre Santos; da Silva Oliveira, Bruna; Ferreira, Rodrigo Novaes; Martinelli, Patrícia Massara; Teixeira, Antônio Lúcio; Miranda, Aline Silva; Simões e Silva, Ana Cristina

Effect of blockade of nitric oxide in heart tissue levels of Renin Angiotensin System components in acute experimental Chagas disease
Life Sciences v. 219, 2019: p. 336-342

10.1016/j.lfs.2019.01.033

Heart; -NAME; Chagas disease; Renin-Angiotensin System; Soleus muscle

No. 1973

Schild, S.-L.A.; Rangstrup-Christensen, L.; Thorsen, C.K.; Bonde, M.K.; Pedersen, L.J.

The course of parturition in two sow genotypes and two hut designs under free-range conditions

Applied Animal Behaviour Science v. 213, 2019: p. 55-64
10.1016/j.applanim.2019.02.005

Behaviour; Animal welfare; Farrowing; Organic housing; Outdoor pig production

No. 1974

Lee, Chi-Wei; Chen, Yi-Ju; Wu, Han-Fang; Chung, Yueh-Jung; Lee, Yi-Chao; Li, Cheng-Ta; Lin, Hui-Ching

Ketamine ameliorates severe traumatic event-induced antidepressant-resistant depression in a rat model through ERK activation

Progress in Neuro-Psychopharmacology and Biological Psychiatry v. 93, 2019: p. 102-113
10.1016/j.pnpbp.2019.03.015

Ketamine; Prefrontal cortex; Amygdala; ERKs; SSRI-resistant depression; Traumatic stress levels

No. 1975

Martínez, Guadalupe; Diéguez, Susana N.; Fernández Paggi, María B.; Riccio, María B.; Pérez Gaudio, Denisa S.; Rodríguez, Edgardo; Amanto, Fabián A.; Tapia, María O.; Soraci, Alejandro L.

Effect of fosfomycin, Cynara scolymus extract, deoxynivalenol and their combinations on intestinal health of weaned piglets

Animal Nutrition v. 5, 2019: p. 386-395
10.1016/j.aninu.2019.08.001

Deoxynivalenol; extract; Intestinal health; Fosfomycin; Weaned piglets

No. 1976

FAN, Cai-yun; SU, Di; TIAN, He; HU, Rui-ting; RAN, Lei; YANG, Ying; SU, Yan-jing; CHENG, Jian-bo

Milk production and composition and metabolic alterations in the mammary gland of heat-stressed lactating dairy cows

Journal of Integrative Agriculture v. 18, 2019: p. 2844-2853
10.1016/S2095-3119(19)62834-0

dairy cows; milk production; heat stress; mammary gland; metabolomics

No. 1977

Perucho, Lola; Ligda, Christina; Paoli, Jean-Christophe; Hadjigeorgiou, Ioannis; Moulin, Charles-Henri; Lauvie, Anne

Links between traits of interest and breeding practices: Several pathways for farmers' decision making processes

Livestock Science v. 220 , 2019 : p. 158-165
10.1016/j.livsci.2018.12.017

Sheep; Local breeds; Culling; Corsica; Replacement; Thessaly

No. 1978

Zhou, Bo; Wang, Xiaoshuai; Mondaca, Mario R.; Rong, Li; Choi, Christopher Y.

Assessment of optimal airflow baffle locations and angles in mechanically-ventilated dairy houses using computational fluid dynamics

Computers and Electronics in Agriculture v. 165, 2019: p. 104930
10.1016/j.compag.2019.104930

Animal occupied zone; Baffle placement; Cross-ventilated barn; Heat and mass transfer; Numerical simulation

No. 1979

Nurmaganbetov, Zhaneldy S.; Arystan, Leila I.; Muldaeva, Gulmira M.; Haydargalieva, Leila S.; Adekenov, Sergazy M.

Experimental study of antiparkinsonian action of the harmine hydrochloride original compound

Pharmacological Reports v. 71, 2019: p. 1050-1058
10.1016/j.pharep.2019.06.002

Catalepsy; Motor deficiency; Neurotoxin; Oligokinesia; Rigidity

No. 1980

Meng, Fei; Ding, Meiming; Tan, Zhizhou; Zhao, Zihan; Xu, Lin; Wu, Jianmin; He, Biao; Tu, Changchun

Virome analysis of tick-borne viruses in Heilongjiang Province, China
Ticks and Tick-borne Diseases v. 10, 2019: p. 412-420

10.1016/j.ttbdis.2018.12.002

Ticks; China; Greater Khingan mountains; Tick-borne viruses; Virome analysis

No. 1981

Harvey, Caroline; Hallam, Jenny; Richardson, Miles; Wells, Rachel

The good things children notice in nature: An extended framework for reconnecting children with nature

Urban Forestry & Urban Greening v. , 2019: p. 126573
10.1016/j.ufug.2019.126573

Children; nature connectedness; noticing nearby nature; practitioners' framework; writing task

No. 1982

Snak, Alessandra; Serighelli Junior, Gilberto; Von Tonnemann Pilati, Giulia; Czapak Kroetz, Carlos; Consoni, Wagner; Cristani, José; de Moura, Anderson Barbosa

Does Neospora caninum cause reproductive problems in pigs?
Veterinary Parasitology v. 275, 2019: p. 108934

10.1016/j.vetpar.2019.108934

Piglets; Neosporosis; Gilts; Mummified

No. 1983

Shao, Yuxin; Sun, Guangming; Cao, Sumei; Lu, Lin; Zhang, Liyang; Liao, Xiudong; Luo, Xugang

Bone phosphorus retention and bone development of broilers at different ages

Poultry Science v. 98, 2019: p. 2114-2121
10.3382/ps/pey565

broiler; age; bone development; bone phosphorus retention

No. 1984

Rajani, Sulail Fatima; Imani, Alireza; Faghihi, Mahdiah; Izad, Maryam; Kardar, Gholam Ali; Salehi, Zahra

Post-infarct morphine treatment mitigates left ventricular remodeling and dysfunction in a rat model of ischemia-reperfusion

European Journal of Pharmacology v. 847, 2019: p. 61-71
10.1016/j.ejphar.2019.01.023

Morphine; Chamber dilation; Fibrosis; Left ventricular function; Left ventricular remodeling; Myocardial infarction

No. 1985

Kang, Zihong; Zhang, Sihuan; He, Libang; Zhu, Haijing; Wang, Zhen; Yan, Hailong; Huang, Yongzhen; Dang, Ruihua; Lei, Chuzhao; Chen, Hong; Qu, Lei; Lan, Xianying; Pan, Chuanying

A 14-bp functional deletion within the CMTM2 gene is significantly associated with litter size in goat

Theriogenology v. 139, 2019 : p. 49-57

10.1016/j.theriogenology.2019.07.026

Goat; mRNA expression; Litter size; Promoter activity; Insertion/deletion (indel)

No. 1987

Shipley, Thomas F.; Tikoff, Basil

Collaboration, cyberinfrastructure, and cognitive science: The role of databases and dataguides in 21st century structural geology

Journal of Structural Geology v. 125, 2019: p. 48-54

10.1016/j.jsjg.2018.05.007

Cyberinfrastructure; Expert training; Spatial cognition

No. 1989

Sgroi, Giovanni; Varcasia, Antonio; Dessi, Giorgia; D'Alessio, Nicola; Tamponi, Claudia; Saarma, Urmas; Laurimäe, Teivi; Kinkar, Liina; Santoro, Mario; Caputo, Vincenzo; Sarnelli, Paolo; Fusco, Giovanna; Varuzza, Paolo; Fioretti, Alessandro; Scala, Antoni

Cystic echinococcosis in wild boars (*Sus scrofa*) from southern Italy: Epidemiological survey and molecular characterization

International Journal for Parasitology: Parasites and Wildlife v. 9, 2019: p. 305-311

10.1016/j.ijppaw.2019.04.013

Genotyping; Cystic echinococcosis; Drive hunting; Southern Italy; Wild boar

No. 1991

Ogunmoyole, Temidayo; Adeyeye, Racheal Imoleayo; Olatilu, Beatrice Oluwatosin; Akande, Olubukola Abidemi; Agunbiade, Oluwadare Joel

Multiple organ toxicity of *Datura stramonium* seed extracts

Toxicology Reports v. 6, 2019: p. 983-989

10.1016/j.toxrep.2019.09.011

Toxicity; Biomarkers; Antioxidants; Drugs; Solvent

No. 1986

Grešlová, Petra; Štych, Přemysl; Salata, Tomasz; Hernik, Józef; Knížková, Ivana; Bičík, Ivan; Jeřábek, Leoš; Prus, Barbara; Noszczyk, Tomasz

Agroecosystem energy metabolism in Czechia and Poland in the two decades after the fall of communism: From a centrally planned system to market oriented mode of production

Land Use Policy v. 82, 2019: p. 807-820

10.1016/j.landusepol.2019.01.008

Poland; Agricultural land change; Agroecosystem energy flows; CORINE land cover; Czechia; EROI

No. 1988

Brajon, Sophie; Munhoz Morello, Gabriela; Teixeira, Marta Sofia; Hultgren, Jan; Gilbert, Colin; Olsson, I. Anna S.

Social environment as a cause of litter loss in laboratory mouse: A behavioural study

Applied Animal Behaviour Science v. 218, 2019: p. 104827

10.1016/j.applanim.2019.06.008

Asynchronous breeding; Litter survival; Mouse welfare; Parental behavior; Perinatal mortality

No. 1990

Bartolomé, Ester; Milho, Sara; Prazeres, José

Genealogical and morphological analysis of Lusitano Purebred horses participating at international Dressage competitions

Research in Veterinary Science v. 122, 2019: p. 124-131

10.1016/j.rvsc.2018.11.018

Equine; Dressage; FEI; Founder; Morphology

No. 1992

Hui, Nan; Parajuli, Anirudra; Puhakka, Riikka; Grönroos, Mira; Roslund, Marja I.; Vari, Heli K.; Selonen, Ville A.O.; Yan, Guoyang; Siter, Nathan; Nurminen, Noora; Oikarinen, Sami; Laitinen, Olli H.; Rajaniemi, Juho; Hyöty, Heikki; Sinkkonen, Aki

Temporal variation in indoor transfer of dirt-associated environmental bacteria in agricultural and urban areas

Environment International v. 132, 2019: p. 105069

10.1016/j.envint.2019.105069

Environmental microbiota; Indoor microbiota; Temporal variation; Vegetation

No. 1993

Peterson, Samuel M.; McGill, Trevor J.; Puthussery, Teresa; Stoddard, Jonathan; Renner, Lauren; Lewis, Anne D.; Colgin, Lois M.A.; Gayet, Jacqueline; Wang, Xiaojie; Prongay, Kamm; Cullin, Cassandra; Dozier, Brandy L.; Ferguson, Betsy; Neuringer, Martha

Bardet-Biedl Syndrome in rhesus macaques: A nonhuman primate model of retinitis pigmentosa

Experimental Eye Research v. 189 , 2019 : p. 107825
10.1016/j.exer.2019.107825

Bardet-Biedl syndrome; Blindness; Ciliopathy; Inherited retinal degeneration; Nonhuman primate model; Photoreceptor degeneration; Retinitis pigmentosa

No. 1995

Simitzis, Panagiotis; Kiriakopoulos, Athanasios; Symeon, George; Goliomytis, Michael; Kominakis, Antonis; Bizelis, Iosif; Chadio, Stella; Pagonopoulou, Olga; Deligeorgis, Stelios

Effect of prenatal overfeeding on the growth performance and postweaning behavioral parameters in rabbits

Journal of Veterinary Behavior v. 33, 2019: p. 38-45

10.1016/j.jveb.2019.06.001

embryonic programming; postweaning behavior; prenatal overfeeding; rabbit

No. 1997

Cuthbertson, Holly; Tarr, Garth; González, Luciano A.

Methodology for data processing and analysis techniques of infrared video thermography used to measure cattle temperature in real time

Computers and Electronics in Agriculture v. 167, 2019: p. 105019

10.1016/j.compag.2019.105019

Beef cattle; Infrared thermography; Rectal temperature; Region of interest; Video camera

No. 1994

Ahmadi, Shamseddin; Faridi, Saeed; Tahmasebi, Soma

Calcium-dependent kinases in the brain have site-specific associations with locomotion and rearing impairments in rats with bile duct ligation

Behavioural Brain Research v. 372, 2019: p. 112009

10.1016/j.bbr.2019.112009

Locomotion; Gene expression; Bile duct ligation; CamKII α ; PKC γ ; Rearing

No. 1996

Wang, Qiuxia; Hu, Huilong; Chen, Guangli; Liu, Hailin; Wang, Siyuan; Xia, Dasong; Yu, Yan; Zhang, Yanhong; Jiang, Jinqing; Ma, Jinyou; Xu, Yanzhao; Xu, Zhiyong; Ou, Changbo; Liu, Xingyou

Identification and assessment of pathogenicity of a naturally reassorted infectious bursal disease virus from Henan, China

Poultry Science v. 98, 2019: p. 6433-6444

10.3382/ps/pez498

China; infectious bursal disease virus; HN strain; phylogenetic analysis; virulence

No. 1998

Jaimes-Dueñez, Jeiczon; Zapata-Zapata, Carolina; Triana-Chávez, Omar; Mejía-Jaramillo, Ana M.

Evaluation of an alternative indirect-ELISA test using in vitro-propagated Trypanosoma brucei brucei whole cell lysate as antigen for the detection of anti-Trypanosoma evansi IgG in Colombian livestock

Preventive Veterinary Medicine v. 169, 2019: p. 104712

10.1016/j.prevetmed.2019.104712

ELISA; Cattle; Seroprevalence; Colombia; Surra

No. 1999

Caroprese, M.; Ciliberti, M.G.; Albenzio, M.; Marino, R.; Santillo, A.; Sevi, A.

Role of antioxidant molecules in milk of sheep

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