



**KUMPULAN BIBLIOGRAFI SCIENCEDIRECT SUBJEK ANIMAL SCIENCE
2019-2020**

**KEMENTERIAN PERTANIAN REPUBLIK INDONESIA
BADAN PENYULUHAN DAN PENGEMBANGAN SUMBER DAYA MANUSIA PERTANIAN
BALAI BESAR PELATIHAN KESEHATAN HEWAN**

KATA PENGANTAR.

Informasi memberikan dampak positif bagi perkembangan pengetahuan dimana setiap orang dapat mengakses sumber informasi yang dapat menambah khasanah ilmu pengetahuan. Untuk mengelola koleksi informasi tersebut diperlukan aplikasi yang membantu untuk mengelola informasi, baik yang open source maupun closed source.

Bibliografi jurnal Ilmiah dengan topik *Animal Science* ini disusun dalam rangka menyediakan layanan teknis kepada para pejabat fungsional widyaiswara yang fokus terhadap riset Ilmu Ternak dan Veteriner, dan *Animal Science*. Abstrak riset Ilmu Ternak dan Veteriner, dan *Animal Science* berikut teks lengkapnya sangat baik disitasi sebagai acuan untuk keperluan riset maupun kegiatan layanan jasa pada unit perpustakaan Balai Besar Pelatihan Kesehatan Hewan (BBPKH) – Cinagara.

Data Bibliografi Jurnal Ilmiah Ilmu Ternak dan Veteriner, dan *Animal Science* ini diambil dari pangkalan data sciencedirect yang dapat di akses. Melalui teknis penelusuran lanjutan. jumlah judul sebanyak 1000 (Seribu) cantuman. Tulisan Ilmiah ini memiliki kelengkapan yang mutakhir karena di terbitkan sejak tahun 2019-2020. Selain telah terindeks Scopus, dan Web Of Sciences, Emerging Source Citation Index Clarivate Analytics, Google Scholar. Jurnal ini memiliki tingkat sitasi yang tinggi di Google Scholar.

Perpustakaan BBPKH Cinagara

Jl. Snakma Cisalopa Desa Pasir Buncir Kecamatan Caringin Kabupaten Bogor.

Email: Perpustakaan.bbpkhcinagara@gmail.com

No. 1

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

DOI: 10.1016/j.vaccine.2019.07.002

Keyword: FMD; R-value; Southern African Territories (SAT); Vaccine matching; VNT

No2

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

DOI: 10.15232/aas.2018-01836

Keyword: beef cattle; bovine respiratory disease; morbidity; tilmicosin; tulathromycin

No. 3

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

DOI: 10.1016/j.ifset.2019.102205

Keyword: Cold atmospheric plasma; Emulsifying; Food proteins; Functional properties; Rheological properties; Solubility

No. 4

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

DOI: 10.1016/j.xphs.2018.11.002

Keyword: absorption, distribution, metabolism, and excretion (ADME); biophysical model(s); mathematical model(s);

No. 5

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.

DOI: 10.1016/j.jveb.2019.10.012

Keyword: Performance; Behaviour; Health; Greenhouse-roofs; Thermal comfort; Zebu steers

No. 6

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

DOI: 10.1016/j.envpol.2019.05.026

Keyword: Deoxynivalenol; Inflammation; Apoptosis; ROS; IPEC-J2 cells

No. 7

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

DOI: 10.1016/j.theriogenology.2018.09.037

Keyword: Semen; Infrared thermography; Testicular thermoregulation

No. 8

Jarvis, Rebecca M.; Young, Tim

Key research priorities for the future of marine science in New Zealand

Marine Policy: v.106, 2019 : P. 103539

DOI: 10.1016/j.marpol.2019.103539

Keyword:

No. 9

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

DOI: 10.1016/j.jaci.2019.06.019

Keyword: Psoriasis; anisomycin; IL-17; p38 mitogen-activated

No10

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

DOI: 10.1016/j.prevetmed.2019.104711

Keyword: Reporting; Zoonoses; Zoonotic disease; Infection prevention; Veterinary public health

No. 12

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

DOI: 10.3168/jds.2018-15515

Keyword: high-altitude hypoxia; Jersey cattle; microRNA analysis; plasma proteomics

No. 14

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

DOI: 10.1016/j.fsi.2019.09.049

Keyword: Intestinal microbiota; Immune response; APS

No. 16

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

DOI: 10.15232/aas.2018-01779

Keyword: zinc; feedlot; copper; hydroxychloride; organic; trace mineral

No. 11

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

DOI: 10.1016/j.ynpai.2019.100031

Keyword: Migraine; Allodynia; CGRP; Headache; Meninges; Trigeminal

No. 13

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.

DOI: 10.1016/j.jaim.2019.05.001

Keyword: Hormones; Monosodium glutamate; Cell count density; Collagen; Lipids

No. 15

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

DOI: 10.1016/j.jcpa.2019.09.008

Keyword: African spurred tortoise; cryptosporidiosis

No. 17

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

DOI: 10.1016/j.ejbt.2019.03.009

Keyword: Differentiation; CRISPR/Cas9; Proliferation; Myostatin; Genome-editing; Intracellular organelles; Metabolism regulation; Mitochondria biogenesis; Mitochondria metabolism; Short RNAs; Skeletal muscle

No18

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

DOI: 10.1016/j.tate.2019.102921

Keyword: Beliefs; Digital revolution; Pedagogical practices; Science teachers; Structural analysis; Worldviews

No. 19

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

DOI: 10.1016/j.ecoenv.2019.01.017

Keyword: Animal manure; As species; Roxarsone; Soil biological quality; Soil enzyme; Soil nitrogen

No. 20

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

DOI: 10.1016/j.intimp.2019.05.039

Keyword: Cytokines; IFN- γ ; Imipramine; Indoleamine 2,3-dioxygenase; Kynurenine 3-monooxygenase; Kynurenine

No. 21

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

DOI: 10.1016/j.anbehav.2019.10.008

Keyword: bats; Doppler shift compensation; echolocation; environmental clutter; vocal control

No. 22

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

DOI: 10.3382/ps/pey534

Keyword: animal-based indicators; on-farm protocol; turkey; welfare assessment

No. 23

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

DOI: 10.1016/j.gecco.2019.e00719

Keyword:

No. 24

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

DOI: 10.1016/j.biortech.2019.121872

Keyword: Animal manure; Anaerobic digestion; Cheese whey; Economic assessment; Net present value

No. 25

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

DOI: 10.1016/j.jtbi.2018.12.016

Keyword: Animal movement; Density-dependence; Individual-based modelling; Long transients; Pattern formation

No.26

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

DOI: 10.1016/j.vetimm.2019.109934

Keyword: Broiler chicken; Coccidiosis; Interferon gamma; Interleukin-10

No. 27

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

DOI: 10.3168/jds.2019-16619

Keyword: calf; chromium-methionine; insulin sensitivity; starch source

No. 28

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

DOI: 10.1016/j.jevs.2019.05.014

Keyword: Donkey; Body type; Heart girth; Weight estimation

No. 29

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

DOI: 10.1016/j.aller.2019.02.006

Keyword: Food allergy; Gut inflammation; STAT-6

No. 30

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

DOI: 10.1016/j.vprsr.2019.100279

Keyword: Greece; Hares; Minks; Rabbits

No. 31

Batista, Jael Soares; Araújo Júnior, Hélio Noberto de; Moura, Gabriela Hémylin Ferreira; Góis, Rayr Cezar de Souza; Paiva, Kalliane Alessandra Rodrigues de; Silva, Jardel Bezerra da; Costa, Wirtton 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

DOI: 10.1016/j.exppara.2019.05.008

Keyword: PCR; Cardiac lesions; Clinicopathological correlations; Electrocardiogram

No. 32

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

DOI: 10.1016/j.ijppaw.2019.08.005

Keyword: Dingo; Public health; Zoonosis; Hydatid; Wild dog

No. 33

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

DOI: 10.1016/j.pocean.2019.102241

Keyword: Climate change; Fisheries management; GLOBEC; Marine ecosystems; mentoring; Northeast Pacific; Oregon; PICES; Salmon; Zooplankton

No34

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

DOI: 10.1016/j.exger.2019.110651

Keyword: Aged rat; L.; Morris water maze; Open field; Passive avoidance; Sprague-Dawley rat

No. 36

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

DOI: 10.1016/j.anifeedsci.2019.01.016

Keyword: Reproductive performance; Nanotechnology; Liver function; Male rabbits; Nutrient digestibility

No. 38

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

DOI: 10.1016/j.vaccine.2019.01.050

Keyword: Development pipeline; Emergency response; Priority pathogens; Vaccine development tool

No. 40

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

DOI: 10.1016/j.parint.2019.04.007

Keyword: Prevalence; Nigeria; Meta-analysis; Vertebrates

No. 35

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

DOI: 10.3382/japr/pfz058

Keyword: autochthonous chicken breed; fatty acids; free-range; meat composition; rearing density

No. 37

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

DOI: 10.1016/j.smallrumres.2019.04.020

Keyword: Genomic; Gastrointestinal nematodes; Body condition score; Faecal egg count; Famacha score

No. 39

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

DOI: 10.1016/j.agee.2019.106575

Keyword: Methane emission; Dietary variables; Empirical modeling; Forage content; Geographical region

No. 41

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

DOI: 10.1016/j.livsci.2019.06.015

Keyword: Analytical hierarchy process; Cocoon; Digestive efficiency; Hybrid line; Silk

No42

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.

DOI: 10.1016/j.psj.2019.10.072

Keyword: correlation; artificial intelligence; sensitivity analysis; Japanese quail

No. 43

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

DOI: 10.1016/j.vascn.2019.106602

Keyword: Animal; Reduction; Central Nervous System; Functional observational battery; Irwin test; Methods; Neurofunctional assessment; Patient safety; Safety

No. 44

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

DOI: 10.1016/j.bbr.2019.111926

Keyword: Rats; Animal model of schizophrenia; Behavioral testing; Early postnatal treatment; NMDA receptors; Treatment schedule

No. 45

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.

DOI: 10.1016/j.asjsur.2019.10.013

Keyword: Trauma; Expandable device; Pneumothorax

No. 46

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

DOI: 10.1016/j.fct.2019.05.020

Keyword: Cortisol; Histology; Furan; Neonatal study; Reproductive hormones; Sperm count

No. 47

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

DOI: 10.1016/j.prevetmed.2019.104705

Keyword: Epidemiology; Risk factors; Bayesian analysis;

No. 48

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

DOI: 10.1016/j.smallrumres.2019.09.014

Keyword: Infection; Goats; Clinical; Experimental; Foot-and-mouth disease

No. 49

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

DOI: 10.1016/j.ygcen.2019.113239

Keyword: CART; Feeding regulation; MC4R; NPY; NPY receptors

No50

Wang, Wenzhu; Liu, Xu; Lu, Haitao; Liu, Lixu; Wang, Yunlei; Yu, Yan; Zhang, Tong

A method for predicting the success of Pulsinell's four-vessel occlusion rat model by LDF monitoring of cerebral blood flow decline

Journal of Neuroscience Methods: v.328, 2019 : P. 108439

DOI: 10.1016/j.jneumeth.2019.108439

Keyword: Cerebral blood flow decline; Global cerebral ischemia-reperfusion injury; Laser Doppler flowmetry; Pulsinelli's four-vessel occlusion method

No. 51

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

DOI: 10.1016/j.heares.2019.107809

Keyword: Auditory prosthesis; Cochlear implant; ECAP; Guinea pig; Neural health

No. 52

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

DOI: 10.1016/j.tiv.2019.04.027

Keyword: Cytotoxicity; Alternatives to animal testing; Disinfectant; Dynamic culture; Inflammatory response

No. 53

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

DOI: 10.1016/j.envpol.2019.113058

Keyword: Antibiotic resistance; Calf; Soil; Dairy farm; Discrete distribution; Housing areas

No. 54

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

DOI: 10.1016/j.livsci.2019.07.022

Keyword: Sheep; Rumen fermentation; Nutrient digestibility; Egyptian clover; Enzymes activity; Sprouted barely

No. 55

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

DOI: 10.1016/j.pbb.2019.172796

Keyword: Animal models; Rett syndrome; Behavioral screening; Drug screening; Mecp2 deficiency; Sigma-1 receptor

No. 56

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

DOI: 10.1016/j.tvjl.2019.01.003

Keyword: Dog; Cancer epidemiology; Comparative oncology; Geographic distribution; Non-Hodgkin's lymphoma

No. 57

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

DOI: 10.3382/ps/pez077

Keyword: semen quality; fertility; genetics; hatchability; Leghorn male

No58

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

DOI: 10.1016/j.placenta.2019.04.002

Keyword: Extracellular matrix; Tissue engineering; Matrix biology; Placenta

No. 59

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

DOI: 10.1016/j.o000.2018.12.023

Keyword:

No. 60

El-Deeb, Wael; Ghoneim, Ibrahim; Fayez, 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

DOI: 10.1016/j.cimid.2019.101352

Keyword: Malondialdehyde; Cytokines; Abortion; Q fever; Serum amyloid A; Haptoglobin

No. 61

Mendonça, Andréa A.S.; Gonçalves, Reggiani V.; Souza-Silva, Thaiana 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

DOI: 10.1016/j.lfs.2019.05.059

Keyword: Oxidative stress; Chagas cardiomyopathy; Exercise training; Experimental pathology

No. 62

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

DOI: 10.1016/j.jacc.2019.02.067

Keyword: vaccine; immunotherapy; endothelin-1; endothelin-1 receptor type A; ET-1; ETAR; pulmonary arterial hypertension

No. 63

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

DOI: 10.1016/j.prp.2019.152599

Keyword: Animal model; Cholic acid; Hepatic fibrosis; High-fat high-cholesterol diet; Nonalcoholic steatohepatitis

No. 64

Sant'Ana, Amanda M.S.; Bessa, Rui J.B.; Alves, Susana P.; Medeiros, Ariosvaldo N.; Costa, Roberto G.; de Sousa, Yasmim R.F.; Bezerril, Fabrícia 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

DOI: 10.1016/j.idairyj.2018.09.008

Keyword:

No. 65

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

DOI: 10.1016/j.neuroscience.2019.10.030

Keyword: reliability; anxiety; behavioral test; binary; elevated open platform; elevated plus maze; rodent; sensitivity

No66

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

DOI: 10.1016/j.rvsc.2019.06.007

Keyword: Dogs; Periodontal disease; Systemic consequences

No. 67

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

DOI: 10.1016/j.physbeh.2019.112622

Keyword:

No. 68

Esakkimuthu, S.; Nagulkumar, S.; Darvin, S.Sylvester; Buvanesvaragurunathan, K.; Sathya, T.N.; Navaneethakrishnan, K.R.; Kumaravel, T.S.; Murugan, S.S.; Shirota, Osamu; Balakrishna, K.; Pandikumar, P.; Ignacimuthu, S.

Antihyperlipidemic effect of iridoid glycoside deacetylasperulosidic acid isolated from the seeds of *Spermaceoce hispida* L. - A traditional antiobesity herb

Journal of Ethnopharmacology: v.245, 2019 : P. 112170

DOI: 10.1016/j.jep.2019.112170

Keyword: Obesity; Bioassay guided fractionation; Healthcare supplements; Siddha

No. 69

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

DOI: 10.1016/j.vascn.2019.02.005

Keyword: Rat; Methods; Cardiovascular; Double-decker; Individual housing; IVC; Refinement; Social housing; Telemetry; Verapamil

No. 70

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

DOI: 10.1016/j.jneumeth.2018.10.030

Keyword: Morphometry; Animal models; Spinal cord injury; Demyelination; MEP; Nonhuman primates; SCI; SSEP

No. 71

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

DOI: 10.1016/j.scitotenv.2019.06.522

Keyword: Pet animals; Urine; DEHP; Phthalate exposure; Plasticizers; Sentinel

No. 72

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

DOI: 10.1016/j.theriogenology.2019.03.026

Keyword: Prostaglandin; Endometrium; Placenta; Chemokine; Matrix metalloprotease

No. 73

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

DOI: 10.1016/j.lfs.2019.116793

Keyword: Insulin resistance; Gut microbiota; LPS; Genetic protection; TLR2

No74

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

DOI: 10.1016/j.livsci.2019.04.010

Keyword: Animal welfare; Cluster analysis; Pig production; Consumers; Qualitative interviews; Trade-off

No. 75

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

DOI: 10.1016/j.neuroimage.2019.06.024

Keyword: Calcium; Rats; Biomarker; MRI; Fluid percussion injury; QSM; Quantitative susceptibility mapping; Repeated mild traumatic brain injury

No. 76

Timón, María L.; Andrés, Ana I.; Otte, Jeanette; Petró, 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

DOI: 10.1016/j.foodres.2018.11.019

Keyword: Animal rennet; Antioxidant peptide; Aqueous extract; Cheese; Microbial rennet; Plant rennet

No. 77

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

DOI: 10.1016/j.ijcci.2019.04.003

Keyword: Social media; Children; Science learning; Scientific funds of knowledge

No. 78

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

DOI: 10.1016/j.joi.2018.12.004

Keyword: Translational research; FDA Orange book; Non-patent literature; Science policy; Scientometric analysis

No. 79

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

DOI: 10.1016/j.neuroimage.2019.04.039

Keyword: MRI; Ferritin; Fluorescent imaging; Synaptically connected neural networks; VSV

No. 80

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

DOI: 10.1016/j.dci.2019.04.005

Keyword: Cytokines; Immune response; Antiviral; Biological function; Galectin-1

No. 81

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

DOI: 10.1016/j.rama.2019.08.003

Keyword: animal tracking; Arduino; Global Positioning System; GPS location; livestock distribution

No82

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

DOI: 10.1016/j.neurobiolaging.2019.04.013

Keyword: Epigenetics; Intervention; Novel approaches; Regeneration; Reserve; Resilience

No. 83

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

DOI: 10.1016/j.tcam.2019.100367

Keyword: translational research; big data; data analysis; data sharing; legal issues; one health; public-private partnership

No. 84

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

DOI: 10.3168/jds.2018-15445

Keyword: animal welfare; injection; lidocaine-prilocaine cream; local anesthesia

No. 85

Marcon, Adila V.; Caldara, Fabiana R.; de Oliveira, Geysane 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

DOI: 10.1016/j.meatsci.2019.04.022

Keyword: Carcass; Condemnation; Congestion; Fracture; Viscera

No. 86

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

DOI: 10.1016/j.lfs.2019.116605

Keyword: Behavioral changes; Corticosterone; Ethosuximide; Ivabradine; Stress adaptation

No. 87

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

DOI: 10.1016/j.brainresbull.2019.03.007

Keyword: Learning and memory; Seizure; 5-HT receptor; Deep brain stimulation

No. 88

Ran, T.; Gomaa, 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

DOI: 10.1016/j.anifeedsci.2019.05.013

Keyword: Probiotics; Enzymes; Antibiotics; Growth performance; Steers; Carcass characteristics

No. 89

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

DOI: 10.1016/j.toxlet.2019.04.013

Keyword: Spermatogenic; Spermatozoa; Apoptosis; Ageing; Genotoxic; Susceptibility

No90

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

DOI: 10.3382/ps/pez360

Keyword: vaccination; epidemiology; Greece; avian metapneumovirus; infectious bronchitis virus

No. 91

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

DOI: 10.1016/j.steroids.2017.10.010

Keyword: Animal model; Breast cancer; ER α 36; Osteolysis

No. 92

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

DOI: 10.1016/j.vetpar.2019.04.014

Keyword: Selection; Resistance; Immunity; Resilience; Gastro-intestinal nematode; Romney sheep

No. 93

Taylor, Roberta

Negotiating voices through embodied semiosis: The co-construction of a science text

Linguistics and Education: v.53, 2019 : P.

DOI: 10.1016/j.linged.2019.06.005

Keyword: Material haptics; Modal synchrony; Multimodal inference; Multimodal interaction; Multiple voices

No. 94

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

DOI: 10.1016/j.ins.2018.12.011

Keyword: Citizen science; Classification; Astroinformatics; Data analysis; Galaxy morphologies; Uncertainty

No. 95

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

DOI: 10.1016/j.ocecoaman.2019.03.016

Keyword: Environment; Plastic; SCUBA diving; Underwater litter monitoring

No. 96

Rubio, Camila Peres; Contreras-Aguilar, Maria Dolores; Quiles, Alberto; López-Arjona, Marina; Cerón, José Joaquín; Martínez-Subiela, Silvia; Hevia, Maria Luisa; Escribano, Damián; Tecles, Fernando

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

DOI: 10.1016/j.rvsc.2018.12.015

Keyword: Sheep; Oxidative stress; Saliva

No. 97

Heilmann-Clausen, Jacob; Bruun, Hans Henrik; Ejrnæs, Rasmus; Frøslev, Tobias Guldberg; Læssøe, Thomas; Petersen, Jens H.

How citizen science boosted primary knowledge on fungal biodiversity in Denmark

Biological Conservation: v.237, 2019 : P. 366-372

DOI: 10.1016/j.biocon.2019.07.008

Keyword: Global change; Macrofungi; Nitrogen deposition; Species discovery

No98

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.

DOI: 10.1016/j.rama.2019.10.011

Keyword: horses; campos; food selection; foraging behavior; Pampa; social transmission

No. 99

Sasaki, T.; Ito, D.; Sonoda, T.; Morita, Y.; Wakabayashi, Y.; Yamamura, T.; Okamura, H.; Oishi, S.; Noguchi, T.; Fujii, N.; Uenoyama, Y.; Tsukamura, H.; Maeda, K.I.; Matsuda, F.; Ohkura, S.

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

DOI: 10.1016/j.domaniend.2018.12.011

Keyword: Arcuate nucleus; Dynorphin; KNDy neuron; Multiple unit activity; κ -opioid receptor

No. 100

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

DOI: 10.1016/j.exppara.2019.107777

No. 101

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

DOI: 10.1016/j.jesp.2019.103826

Keyword: Analytical thinking; Awe; God representations; Interest in science; Religious beliefs

No. 102

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.

Regulation of voluntary protein/energy intake based practical diet composition for the carnivorous neotropical catfish Lophiosilurus alexandri

Aquaculture: v.510, 2019 : P. 198-205

DOI: 10.1016/j.aquaculture.2019.05.038

Keyword: Protein; Production; Nutrition; Food behaviour; Self-selection

No. 103

Duncan, Cassandra K.; Gilby, Ben L.; Olds, Andrew D.; Connolly, Rod M.; Ortodossi, Nicholas L.; Henderson, Christopher J.; Schlacher, Thomas A.

Landscape context modifies the rate and distribution of predation around habitat restoration sites

Biological Conservation: v.237, 2019 : P. 97-104

DOI: 10.1016/j.biocon.2019.06.028

Keyword: Management; Mangroves; Connectivity; Ecological function; Oyster reefs; Seagrass

No. 104

Enger, B.D.; Nickerson, S.C.; Tucker, H.L.M.; Parsons, C.L.M.; Akers, R.M.

Apoptosis and proliferation in Staphylococcus aureus-challenged, nonlactating mammary glands stimulated to grow rapidly and develop with estradiol and progesterone

Journal of Dairy Science: v.102, 2019 : P. 857-865

DOI: 10.3168/jds.2018-15498

Keyword: mastitis; dry cow; heifer; intramammary infection; mammary growth

No. 105

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

DOI: 10.1016/j.theriogenology.2019.05.026

Keyword: Bovine; Embryonic mortality; Pregnancy; Pregnancy-associated glycoproteins

No106

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

DOI: 10.1016/j.jep.2019.112164

Keyword: Medicinal plants; Ethnobotany; Maghreb; Nomads; North Africa

No. 107

Srimai, Witsanu; Koonawootrittriron, Skorn; Manee-aphai, Wiroon; Chatchaiphan, 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

DOI: 10.1016/j.aquaculture.2018.10.064

Keyword: Heritability; Animal model; Genetic correlation; Condition factor

No. 108

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.

DOI: 10.1016/j.theriogenology.2019.11.017

Keyword: Testosterone; Growth performance; Bucks; Estradiol; Letrozole; Semen characteristics

No. 109

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

DOI: 10.1016/j.applanim.2019.03.010

Keyword: Animal welfare; Stress; Social behaviour; Anxiety; Mouse; Social support

No. 110

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

DOI: 10.1016/j.plefa.2019.09.002

Keyword: Gene expression; Branched chain fatty acids (BCFA); Yak manure; Yak milk

No. 111

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

DOI: 10.1016/j.nbd.2019.02.012

Keyword: Rat; Animal model; Epileptogenesis; Temporal lobe epilepsy; BOLD response; Functional MRI; Network connectivity; Spontaneous recurrent seizure

No. 112

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

DOI: 10.1016/j.jchemneu.2019.101656

Keyword: Exogenous melatonin; Locus coeruleus; REM sleep deprivation

No. 113

TIEDJE, James M.; WANG, Fang; MANAIA, Célia M.; VIRTÀ, Marko; SHENG, Hongjie; MA, Liping; ZHANG, Tong; TOPP, Edward

Antibiotic Resistance Genes in the Human-Impacted Environment: A One Health Perspective

Pedosphere: v.29, 2019 : P. 273-282

DOI: 10.1016/S1002-0160(18)60062-1

Keyword: human health; animal agriculture; antibiotic-resistant bacteria; antimicrobial resistance; aquaculture; One Health framework; soil contamination; wastewater and sludge

No.114

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

DOI: 10.1016/j.ibror.2018.12.001

Keyword: Rat; Serotonin; Dyskinesia; Levodopa; Ondansetron; Parkinson

No. 115

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

DOI: 10.1016/j.chemolab.2019.04.004

Keyword: Classification; Kernel density estimation; Near infrared spectroscopy; Probability

No. 116

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

DOI: 10.1016/j.domaniend.2018.12.004

Keyword: Embryo; Pregnancy; Estradiol; First follicular wave

No. 117

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.

DOI: 10.1016/j.alcohol.2019.11.004

Keyword: Ethanol; AMPK pathway; Cholesterol homeostasis; HMG-CoAR; Prefrontal cortex

No. 118

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

DOI: 10.1016/j.lfs.2019.116629

Keyword: Exercise training; Brain derived neurotrophic factor (BDNF); Cardiac function; Chagas' disease; Chagasic

No. 120

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

DOI: 10.1016/j.fsi.2018.12.022

Keyword: Ferritin; Immune defense; WSSV

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

DOI: 10.1016/j.ijfoodmicro.2019.108292

Keyword: Carriage status; Fresh produce

No. 121

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
DOI: 10.3168/jds.2018-16176

Keyword: model; lactation; feed intake

No122

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
DOI: 10.3168/jds.2018-15128

Keyword: dairy cow; heat stress; electric blanket

No. 123

Bartley, Paul M.; Burrells, Alison; Benavides, Julio; Canton, German; Garcia, Joao L.; Thomson, Jackie; Chianini, Fransesca; 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
DOI: 10.1016/j.vetpar.2019.108963

Keyword: Vaccination; Cell mediated immunity; Porcine

No. 124

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
DOI: 10.1016/j.fsi.2019.06.027

Keyword: Growth; Innate immunity; Gut microbiota; s

No. 125

Mughini-Gras, Lapo; Dorado-García, Alejandro; van Duijkeren, 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
DOI: 10.1016/S2542-5196(19)30130-5

Keyword:

No. 126

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
DOI: 10.3382/ps/pey458
Keyword: broiler; fat saturation degree; fatty acid absorption; fatty acid digestibility; lipid class

No. 127

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
DOI: 10.1016/j.yrtph.2019.104413

Keyword: Fertility; Risk assessment; Pregnancy; Developmental toxicity; Embryofetal; Exposure; Malformations; Pharmacokinetics

No. 128

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
DOI: 10.1016/j.vaccine.2019.02.057
Keyword: Inactivated whole influenza virus particle vaccine; Seasonal and pandemic influenza

No. 129

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

DOI: 10.1016/j.ttbdis.2018.08.015

Keyword: Protozoa; Cattle; Epidemiology; Brazil; Tick; Zebu

No130

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

DOI: 10.1016/j.smallrumres.2019.05.017

Keyword: Immunomodulator; Antioxidant; Vitamin C; Oxidative stress; -acetyl cysteine; Chewing lice; Th2 immunity

No. 132

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

DOI: 10.1016/j.bbr.2019.01.034

Keyword: Valproate; Animal models; Autism; Empathy; Pro-social behaviour

No. 134

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

DOI: 10.1016/j.foodcont.2019.04.031

Keyword: subsp.; Johne's disease; Bulk tank milk; Good hygiene practices; Milk filters; Washing efficiency

No. 136

Khunoana, E.T.; Madikizela, B.; Erhabor, J.O.; Nkadimeng, 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

DOI: 10.1016/j.sajb.2019.07.026

Keyword: Cytotoxicity; Ethnoveterinary medicine; Antibacterial; Antibiofilm; Antifungal; Antimycobacterial; Mpumalanga

No. 131

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

DOI: 10.1016/j.lwt.2019.108279

Keyword: Cheese; Rennet; Texture; TPA; Transglutaminase; Yield

No. 133

Xie, Long; Lu, Zhenping; Chen, Dongyang; Yang, Mengmeng; Liao, Yuying; Mao, Wenrong; Mo, Lifen; 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

DOI: 10.1016/j.theriogenology.2018.09.017

Keyword: Chicken; In vitro culture; Primordial germ cells

No. 135

Baes, Christine F.; Makanjuola, 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

DOI: 10.3168/jds.2018-15520

Keyword: inbreeding; mating programs; runs of homozygosity

No. 137

Kortekaas, Kim; Kotrschal, Kurt

Does socio-ecology drive differences in alertness between wolves and dogs when resting?

Behavioural Processes: v.166, 2019 : P. 103877

DOI: 10.1016/j.beproc.2019.05.024

Keyword: Domestication; Dog; Wolf; Heart rate; Alertness; Resting

No138

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

DOI: 10.1016/j.actbio.2019.09.038

Keyword: 3Rs; Zebrafish; FET test; Fish embryo toxicity; High-throughput

No. 139

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

DOI: 10.1016/j.gene.2019.144096

Keyword: Mesenchymal stem cells; Bone regeneration; Critical-sized rat calvarial defect; Platelet rich plasma; Polyvinyl alcohol-chitosan-hydroxyapatite

No. 140

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

DOI: 10.1016/j.scitotenv.2019.133664

Keyword: Gut microbiota; Biodegradable polymers (BDPs); Biofloc system; Carbohydrate; Nitrogen dynamic

No. 141

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

DOI: 10.1016/j.aquaculture.2019.734442

Keyword: Heritability; Animal breeding; Disease resistance; Aeromoniosis

No. 142

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

DOI: 10.1016/j.micpath.2019.103569

Keyword: Pathogenicity; Caprine parainfluenza virus type 3; Guinea pigs; Respiratory disease

No. 143

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 osteoporotics bone disorders increases bone microarchitecture alterations via PPAR γ

Life Sciences: v.237, 2019 : P. 116890

DOI: 10.1016/j.lfs.2019.116890

Keyword: Ovariectomy; Hypertension; Bone; PPAR γ ;

No. 144

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

DOI: 10.1016/j.crv.2019.04.003

Keyword: Oxidative stress; Adaptive inflammation; Dynamique mitochondriale; Inflammation adaptative; Lésions hépatiques; Liver injury; Mitochondrial dynamics; Stress oxydatif

No. 145

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

DOI: 10.1016/j.marpolbul.2019.01.023

Keyword: Citizen science; Assessment; Anthropogenic marine debris; Mediterranean Sea; SEACleaner

No146

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

DOI: 10.1016/j.gene.2018.10.027

Keyword: Oocytes; Germ cells; Spermatogonia; Vasa

No. 147

Ahmadian, Seyed Raheleh; Ghasemi-Kasman, Maryam; Pouramir, Mahdi; Sadeghi, Farzin

Arbutin attenuates cognitive impairment and inflammatory response in pentylenetetrazol-induced kindling model of epilepsy

Neuropharmacology: v.146, 2019 : P. 117-127

DOI: 10.1016/j.neuropharm.2018.11.038

Keyword: Neuroprotection; Pentylenetetrazole; arbutin; Glial activation; Inflammatory mediators; Spatial learning and memory

No. 148

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

DOI: 10.1016/j.brainres.2019.146395

Keyword: Hyperactivity; Impulsivity; Inattention; Modafinil; Prenatal alcohol

No. 149

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

DOI: 10.1016/j.neulet.2019.03.007

Keyword: BrdU; Bromodeoxyuridine; Ischemia; Neurogenesis; Neurorehabilitation

No. 150

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

DOI: 10.1016/j.applanim.2018.10.020

Keyword: Pigs; Weaning; Group housing; Suckling period; Tail biting

No. 151

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

DOI: 10.1016/j.rvsc.2019.04.013

Keyword: Leukocytes; Nasal swabs; Telomere length; Vaginal swabs; Water buffaloes

No. 152

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

DOI: 10.1016/j.tiv.2018.12.004

Keyword: techniques; Animal use alternatives; Culture media, serum-free; Dermatitis, allergic contact; Toxicity tests

No. 153

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

DOI: 10.1016/j.vascn.2019.03.003

Keyword: Animal model; Cooperation; Autism; Methods; Drug testing; Skinner box; Theory of mind

No154

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

DOI: 10.1016/j.ynpai.2019.100035

Keyword: Exercise; Environmental enrichment; Neuropathic pain; Chemotherapy; Hippocampal cellular proliferation; Paclitaxel

No. 155

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

DOI: 10.1016/j.livsci.2019.103820

Keyword: Management; Beef; Shear force; CAST; Parda de Montaña; Pirenaica

No. 156

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

DOI: 10.3168/jds.2018-15163

Keyword: bioactive peptide; dairy protein; in vitro digestion; intestinal cell

No. 157

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

DOI: 10.1016/j.ecoenv.2019.109464

Keyword: Fish; Chlorpyrifos; Immunotoxicity mechanism; Organismal system; Signal pathway; Transcriptome analysis

No. 158

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

DOI: 10.1016/j.joms.2018.08.010

Keyword:

No. 159

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

DOI: 10.1016/j.jsps.2019.08.006

Keyword: Diabetes; Hyperlipidemia; Resveratrol; Metabolic parameters

No. 160

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

DOI: 10.1016/j.biopha.2018.11.137

Keyword: Diabetes; Glycogen phosphorylase; Glycogen synthase; Hormone sensitive lipase; Serum lipids

No. 161

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

DOI: 10.1016/j.anbehav.2019.01.012

Keyword: aggressive intent; aggressive vocalizations; skin temperature

No162

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

DOI: 10.1016/j.archoralbio.2019.104526

Keyword: Diet; Carious lesions; Dental wear; Early medieval population; Linear enamel hypoplasia; Stable isotopes of carbon and nitrogen

No. 163

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

DOI: 10.3168/jds.2018-14578

Keyword: antibody; cortisol response; immune responses; somatic cell counts; worm egg counts

No. 164

Calus, Mario P.L.; Vandenplas, Jérémie; Hulsege, 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

DOI: 10.3382/ps/pez458

Keyword: broiler; crossbred; breed-of-origin; parentage

No. 165

Takahashi, I.; Matsuzaki, T.; Kuroki, H.; Hosono, 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

DOI: 10.1016/j.joca.2019.03.001

Keyword: Histopathology; Animal model; Osteoarthritis; Joint unloading; Monosodium iodoacetate

No. 166

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

DOI: 10.1016/j.ecoenv.2019.109660

Keyword: Animal manure; Roxarsone; Arsenic species; Paddy soil; Rice; Soil property

No. 167

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

DOI: 10.1016/j.jneumeth.2019.108446

Keyword: Electric field; Finite Element Model; Quasi-uniform assumption; Spinal cord stimulation (SCS)

No. 168

Frandsen, Heidi B.; Sørensen, Jens C.; Jensen, Søren K.; Markedal, Keld E.; Joehnke, 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

DOI: 10.1016/j.foodchem.2019.03.136

Keyword: Digestive system; In vitro transformations; Intact glucosinolates; Nitriles; Non-enzymatic transformations; Thionamides

No. 169

Bai, Xi; Dai, Sifa; Li, Jiaqi; Xiao, Shuangshuang; Wen, Aiyu; 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

DOI: 10.3382/japr/pfz091

Keyword: broiler; antioxidant capacity; glutamine; growth performance; medium-term chronic heat stress

No170

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

DOI: 10.1016/j.biocel.2018.11.008

Keyword: Bone regeneration; Direct reprogramming; hLMP-3; MEF; Yamanaka factors

No. 171

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

DOI: 10.3382/japr/pfz072

Keyword: laying hens; egg quality; antioxidant markers; resveratrol

No. 172

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

DOI: 10.1016/j.beproc.2019.06.002

Keyword: Experience; Aggressive behavior; Family

No. 173

Gkouveris, Ioannis; Hadaya, Danny; Soundia, Akrivoula; Bezouglaia, Olga; Chau, Yee; Dry, Sarah M.; Pirih, 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

DOI: 10.1016/j.bone.2019.03.031

Keyword: Anti-resorptives; Bisphosphonates; Osteoclasts; Osteonecrosis of the jaw

No. 174

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

DOI: 10.1016/j.nlm.2019.107070

Keyword: Actin; Behaviour battery; Ca/calmodlin-dependent protein kinase II; Guanine-nucleotide exchange factor; Reciprocally activating kinase-effector complex; Synaptic plasticity

No. 175

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

DOI: 10.1016/j.psyneuen.2019.03.016

Keyword: GABA; Hippocampus; Open field; Calretinin; Medial prefrontal cortex

No. 176

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

DOI: 10.1016/j.ecoenv.2019.03.030

Keyword: Proteomics; Melamine; Mouse; Cyanuric acid; Liver toxicity

No. 177

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

DOI: 10.1016/j.bbr.2019.04.009

Keyword: Behavior; PTSD; Anxiety; Blast; mTBI

No178

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

DOI: 10.1016/j.jmmm.2018.11.083

Keyword: Cancer; Chemotherapy; Hard-magnetic nanoparticle; Magnetic hyperthermia; Nanomagnetism

No. 179

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

DOI: 10.1016/j.applanim.2018.12.014

Keyword: Welfare; Cognitive testing; Japanese macaques; Touchscreen research; Zoo

No. 180

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

DOI: 10.1016/j.bbr.2019.01.006

Keyword: Validity; Bipolar disorder; Affective disorders; Animal models; Psychostimulants; Screening model

No. 181

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

DOI: 10.1016/j.appet.2019.104418

Keyword: Women; Animal ethics; Diet; Eating disorders; Identity; Vegan; Vegetarian

No. 182

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

DOI: 10.1016/j.anaerobe.2019.06.010

Keyword: Goat; Ruminants; High-throughput sequencing; Concentrate to forage ratio; Ruminal microbiota

No. 183

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

DOI: 10.1016/j.lwt.2019.04.009

Keyword: Lipid profile; CATA; Healthy; Home test; Meat product

No. 184

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

DOI: 10.1016/j.vprsr.2019.100293

Keyword: Fasciolosis; Epidemiology; Bovines

No. 185

dos Santos, Giulia Fonseca; Veras, Allice 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

DOI: 10.1016/j.lfs.2019.116834

Keyword: Liver; Obesity; Anaerobic training; CD36; SREBP-1; Strength training

No186

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

DOI: 10.1016/j.jadohealth.2019.01.019

Keyword:

No. 187

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

DOI: 10.1016/j.vaccine.2019.02.032

Keyword: Immunogenicity; Acid stability, Recombinant baculovirus; Empty-capsid-like particles; FMDV serotype O

No. 188

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

DOI: 10.1016/j.respol.2018.09.004

Keyword: Science; Incentives; Corruption; Division of labor; Organization; Pathologies

No. 189

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

DOI: 10.3168/jds.2018-15447

Keyword: Cornell Net Carbohydrate and Protein System; Fermenten; microbial protein synthesis; omasal sampling; soluble protein

No. 190

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

DOI: 10.1016/j.future.2018.12.026

Keyword: Cyberinfrastructure; e-infrastructure; Open science; Science gateways; Virtual laboratories; Virtual research

No. 191

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

DOI: 10.1016/j.anireprosci.2019.05.006

Keyword: Energy metabolism; Fetal programming; Caprine; Skeletal muscle development

No. 192

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

DOI: 10.1016/j.cbpa.2019.04.002

Keyword: Bacterial-killing assay; Human impacts; Immune development; King quail; Light pollution

No. 193

Trethewey, Eleanor; Jackson, Mervyn

Values and cognitive mechanisms: Comparing the predictive factors of Australian meat intake

Appetite: v.142, 2019 : P. 104386

DOI: 10.1016/j.appet.2019.104386

Keyword:

No194

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

DOI: 10.1016/j.toxlet.2019.08.008

Keyword: Gender; Liver; Animal model; Porcine; Detoxification

No. 195

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

DOI: 10.1016/j.ijppaw.2019.03.010

Keyword: Heritability; Animal model; Genetic correlation; Parasites; Sable island; Spatial effects

No. 196

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

DOI: 10.1016/j.smallrumres.2019.08.011

Keyword: Greenhouse gases; Faecal emission factor; Growing sheep; Pasture management; Sward height

No. 197

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.

DOI: 10.1016/j.psj.2019.10.027

Keyword: antimicrobial resistance; intensive farming; natural immunity; organic farming; Turkey

No. 198

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

DOI: 10.1016/j.theriogenology.2019.08.024

Keyword: Semen; Equine; Imipramine; Chemical ejaculation; Ejaculatory disorders; Xylazine

No. 199

El Fari, Radouane; Abbaoui, Abdellatif; Bourziq, Anas; Zroudi, Mohamed; Draoui, Ahmed; El Khiat, 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

DOI: 10.1016/j.jchemneu.2019.101686

Keyword: Mice; Locomotor activity; Dopamine; DHA; Manganese; Parkinsonism

No. 200

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

DOI: 10.1016/j.pharep.2019.03.011

Keyword: Resveratrol; Antioxidant status; Copper nanoparticles; Potassium channels; Thoracic aorta

No. 201

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

DOI: 10.1016/j.algal.2019.101491

Keyword: Microalgae; Biotechnology; Chloroplast transformation; Synthetic biology; Taurine

No202

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

DOI: 10.1016/j.anireprosci.2019.106170

Keyword: Cattle; Breed; Ovarian reserve

No. 203

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

DOI: 10.1016/j.genrep.2019.100435

Keyword: Machine learning; Genomic; Imputation; Non-genotype

No. 204

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

DOI: 10.1016/j.heliyon.2019.e01617

Keyword: Toxicology; Biochemistry

No. 205

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

DOI: 10.1016/j.psychres.2019.112577

Keyword: Oxidative stress; Memory; Maze; Edaravone; Sleep deprivation

No. 206

Lima, Karine Ramires; da Silva de Vargas, Liane; Ramborger, Bruna; Roehrs, Rafael; Sevenster, Dieuwke; Izquierdo, Iván; D'Hooze, 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

DOI: 10.1016/j.bbr.2019.111991

Keyword: Hippocampus; Dopaminergic system; Fear generalization; Noradrenergic system; Novelty

No. 207

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

DOI: 10.1016/j.biocon.2019.108286

Keyword: Citizen science; Avian ecology; Biodiversity monitoring; Breeding bird survey; List-length analysis; Population trend

No. 208

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

DOI: 10.1016/j.epidem.2019.100355

Keyword: Foot-and-mouth disease virus; Asymptomatic carrier; Endemic; Gillespie algorithm; mobile herd; Transmission kernel

No. 209

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.

DOI: 10.1016/j.clnu.2019.12.007

Keyword: Aging; Amino acid availability; Arginine; Immunonutrition

No210

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

DOI: 10.3382/japr/pfz090

Keyword: broiler chicken; mercury concentration in body tissue; prediction equation; toxicity of dietary mercury

No. 212

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

DOI: 10.1016/j.vas.2019.100065

Keyword: Air quality; Animal hygiene; Farrowing systems; Fungi; Haemolytic streptococci; Total airborne bacteria

No. 214

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

DOI: 10.1016/j.phrs.2019.01.041

Keyword: Animals; Immunity; Colitis; Formyl peptide receptor 1

No. 216

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

DOI: 10.1016/j.envdev.2019.03.003

Keyword: Environmental science; Environmental management; Data integration; Earth science; Eastern Africa; Sustainable development

No. 211

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

DOI: 10.1016/j.jaut.2019.05.016

Keyword: CD34 cells; Neoangiogenesis; Rheumatoid arthritis; Targeted nanoparticles; Targeted therapy

No. 213

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

DOI: 10.3168/jds.2018-15180

Keyword: heritability; body condition score; genetic correlation; skinfold thickness

No. 215

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

DOI: 10.1016/j.envsci.2019.09.005

Keyword: Climate change; Life cycle assessment; Ammonia emission control; Broiler production system

No. 217

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

DOI: 10.1016/j.bbr.2019.02.018

Keyword: Cytokines; Depression; Anxiety; Gene-environment interactions

No218

Grandhay, J  r  my; Lecompte, Fran  ois; Staub, Christophe; Venturi, Eric; Plotton, Ingrid; Cailleau-Audouin, Estelle; Ganier, Patrice; Ram  , Christelle; Bri  re, 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

DOI: 10.3382/ps/pez112

Keyword: broiler; metabolism; development; tomography; ultrasound

No. 219

Ko aczowska, Magdalena; Siondalski, Piotr; Kowalik, Maciej Micha ; P  ksa, Rafa ; D  uga, Aldona; Zaj  c, Wac  aw; Dederko, Paulina; Ko odziejska, Ilona; Malinowska-Pa  czyk, Edyta; Sinkiewicz, Izabela; Staroszczyk, Hanna;   liwi  ska, Agata; Stanis  awska, 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

DOI: 10.1016/j.msec.2018.12.016

Keyword:

No. 220

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

DOI: 10.1016/j.micpath.2019.103622

Keyword: gene; Expression analysis; Northern snakehead ()

No. 221

Kechnebbou, Marwa; Mart  n, Jos  ; Chammem, Mohsen; Arregui, Luc  a; Noura, Said

Roads and urban areas as physiological stressors of spiny-tailed lizards, *Uromastix acanthinura*

Journal of Arid Environments: v.170, 2019 : P. 103997

DOI: 10.1016/j.jaridenv.2019.103997

Keyword: corticosterone; Human disturbance; Non-invasive measures; Reptile conservation; Stress response

No. 222

Bagaldo, A.R.; Miranda, G.S.; Soares J  nior, M.S.F.; de Ara  jo, 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

DOI: 10.1016/j.smallrumres.2019.05.020

Keyword: Shear force; By-Products; Color index; Loin

No. 223

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

DOI: 10.1016/j.toxlet.2019.05.013

Keyword: Rat; Developmental neurotoxicity (DNT); Hippocampal neurogenesis; Valproic acid (VPA);   -

No. 224

Y  ksel Aslier, Nesibe G  l; Ta  a , Aylin Alt  n    k; Durankaya, Serpil Mungan;   al    r, Meryem; Ersoy, Nevin; K  rk  m, G  n  y; Yurdako  , Kadir; Ba    r  yan  k, H  sn   Alper; Y  lmaz, Osman; S  t  y, Semih; G  neri, 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

DOI: 10.1016/j.ijporl.2019.04.003

Keyword: Dexamethasone; Guinea pig; Cisplatin; Genipin;

No. 225

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

DOI: 10.1016/j.tate.2019.03.013

Keyword: Science education; Border crossing; Non-western contexts; Pre-service teacher education; Ways of knowing

No226

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

DOI: 10.1016/j.applanim.2019.104876

Keyword: Personality; Social behaviour; Welfare; Keeper expertise; Social relationships; Zoo elephants

No. 227

Srisapoome, 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

DOI: 10.1016/j.fsi.2019.05.060

Keyword: Immunity; Disease resistance; Additive genetic variance; Genetic parameter; Walking catfish

No. 228

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

DOI: 10.1016/j.smallrumres.2018.11.018

Keyword: Agro-industrial byproducts; Economics; Ruminants and sheep

No. 229

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

DOI: 10.1016/j.neulet.2019.134304

Keyword: Apoptosis; Hippocampus; Memory; Ghrelin; Methamphetamine

No. 230

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

DOI: 10.1016/j.envint.2019.03.061

Keyword: Bacterial community; - gene; Colistin; Swine feedlot; Wastewater treat process

No. 231

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.

DOI: 10.1016/j.euf.2019.11.016

Keyword: Spinal cord injury; Awake rats; Postvoid residual; Ultrasonography

No. 232

Gardner, James

How water, wind, waves and ice shape landscapes and landforms: Historical contributions to geomorphic science

Geomorphology: v., 2019 : P. 106687

DOI: 10.1016/j.geomorph.2019.02.031

Keyword: Anthropocene; Aeolian; Coastal; Earth system science; Fluvial; Glacial; Periglacial

No. 233

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

DOI: 10.3382/ps/pez268

Keyword: 16S rRNA; dryland rearing on netting floors; gut microbiota; immune performance; Shaoxing duck

No234

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

DOI: 10.1016/j.cimid.2019.02.004

Keyword: Zoonosis; Q fever; Evidence-based medicine; Mode of infection

No. 235

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

DOI: 10.1016/j.biocon.2019.108296

Keyword: Values; Social identity; Conflict; Ethics; Moral obligation; Value orientations

No. 236

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.

DOI: 10.1016/j.prevetmed.2019.04.002

Keyword: R; FMD; Amhara region; Modeling; SIR

No. 237

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

DOI: 10.1016/j.exer.2019.04.025

Keyword: Animal model; Diabetes; Streptozotocin; Diabetic retinopathy; Retinal neovascularization

No. 238

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

DOI: 10.1016/j.smallrumres.2019.08.001

Keyword: Livelihoods; Access strategies to assets; Park-adjacent community; Production orientation Nevado de Toluca; Sheep production

No. 239

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

DOI: 10.1016/j.brainresbull.2018.11.001

Keyword: Animal model; Kainic acid; Temporal lobe epilepsy; Cynomolgus monkey

No. 240

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

DOI: 10.1016/j.jtherbio.2019.07.034

Keyword: Performance; Oxidative stress; Immunity; Antioxidant system; Calves; Metaphylactic effect; Thermal

No. 241

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

DOI: 10.1016/j.japb.2019.03.008

Keyword: Urbanization; Generalized linear mixed model; Green cover; Kuala Lumpur; Urban bird habitat

No242

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

DOI: 10.1016/j.talanta.2019.05.017

Keyword: Bioluminescent probe; imaging; Luciferin-luciferase system; Iron (II)

No. 243

Szymanski, John R.; Yuste, Rafael

Mapping the Whole-Body Muscle Activity of *Hydra vulgaris*

Current Biology: v.29, 2019 : P. 1807-1817.e3

DOI: 10.1016/j.cub.2019.05.012

Keyword: emergence; calcium imaging; animal evolution; basal metazoa; Cnidaria; epithelia; muscle; neural evolution; neuromuscular systems

No. 244

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

DOI: 10.1016/j.theriogenology.2019.04.026

Keyword: Animal breeding; Nellore cattle; Nonlinear models; Testicular growth

No. 245

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

DOI: 10.3168/jds.2018-15540

Keyword: calf livability; calf wellness; genomic predictions; respiratory disease; scours

No. 246

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

DOI: 10.1016/j.neuroscience.2019.05.009

Keyword: adolescence; locus coeruleus; opioids; patch clamp recording; transgenerational effect

No. 247

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

DOI: 10.1016/j.eplesyres.2019.106219

Keyword: Blood brain barrier; Kindling; Sodium valproate; Nanoparticles; PTZ

No. 248

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

DOI: 10.1016/j.jneumeth.2019.108387

Keyword: Dopamine; Conditioning; Cue; Online microdialysis

No. 249

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

DOI: 10.1016/j.livsci.2019.09.026

Keyword: Sheep; Oxidative stress; Metabolism; Meta-analysis; Heat stress

No250

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

DOI: 10.3168/jds.2018-15134

Keyword: animal welfare; animal-based measure; certification program; skin lesion

No. 251

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

DOI: 10.1016/j.meatsci.2018.10.011

Keyword: Animal welfare; Mass spectrometry; Differential gel electrophoresis; Electrical stunning; Halal slaughter

No. 252

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

DOI: 10.3382/ps/pey596

Keyword: fibrosis; gut microbiota; dysbiosis; non-alcoholic fatty liver; non-alcoholic steatohepatitis

No. 253

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

DOI: 10.1016/j.lfs.2019.116706

Keyword: Adiponectin; Bone loss; Cirrhosis; Naltrexone; Sclerostin; TRAIL

No. 254

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

DOI: 10.3382/ps/pez069

Keyword: chicken; blue-eggshell; dwarf; genetic aggregation; molecular marker-assisted breeding

No. 255

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

DOI: 10.1016/j.freeradbiomed.2019.02.028

Keyword: Apoptosis; ROS; Ischemia; Protein therapy; Tat-CIAPIN1

No. 256

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

DOI: 10.1016/j.jcpa.2018.10.177

Keyword: accessory coronary ostium; bicuspid aortic valve; coronary artery anomaly; Syrian hamster

No. 257

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

DOI: 10.1016/j.nbd.2019.104495

Keyword: Neurodegeneration; Therapeutics; ALS; Amyotrophic lateral sclerosis; Copper homeostasis; CuATSM

No258

Rüdissler, 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

DOI: 10.1016/j.ecoser.2019.100980

Keyword: Animals; Mapping; Cultural identity; Heraldry; Landscapes; Natural heritage; Perception survey; Plants; Regional identity

No. 259

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

DOI: 10.1016/j.respol.2019.103824

Keyword: Open science; Academic competition; Material transfer agreement; MTA; Repository; Scientific material sharing

No. 260

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

DOI: 10.1016/j.ebiom.2019.08.073

Keyword: Meta-analysis; Rheumatoid arthritis; Clinical trials; Mesenchymal stromal (or stem) cells; MSC; Pre-clinical study

No. 261

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

DOI: 10.1016/j.ecoenv.2019.06.007

Keyword: Cadmium; Apoptosis; Autophagy; Nrf2 signaling pathway; Spleen; Trehalose

No. 262

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

DOI: 10.1016/S2095-3119(19)62735-8

Keyword: association analysis; Chinese Merino sheep (Xinjiang Type); expression pattern; single nucleotide polymorphism (SNP); wool traits

No. 263

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

DOI: 10.1016/j.tvjl.2018.12.013

Keyword: Virology; Equine; Genome-wide association study; Equine herpesvirus 1

No. 264

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

DOI: 10.1016/j.mri.2019.01.009

Keyword: Mice; Arduino; Anesthetic; BOLD; fMRI; PID

No. 265

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

DOI: 10.1016/j.brainresbull.2019.08.014

Keyword: Lysolecithin; Demyelination; Fingolimod; Histone deacetylase; Visual evoked potential recording

No266

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.

DOI: 10.1016/j.jshs.2019.06.004

Keyword: Adult exposure; High-fat, high-sucrose diet; Rat obesity model; Serum biomarkers; Weanling exposure

No. 267

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

DOI: 10.1016/j.cbpb.2019.03.006

Keyword: -amino acid; -asp; -Glu; Aspartate racemase; Glutamate racemase

No. 268

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

DOI: 10.1016/j.mvr.2019.04.006

Keyword: Animal model; Intestine; Diffusion measurement; Ischemia/reperfusion; NMR; NMR-MOUSE

No. 269

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

DOI: 10.1016/j.envpol.2019.113210

Keyword: Polychlorinated biphenyls; Adsorption; Aroclors; Hydra assay; Montmorillonite clay

No. 270

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

DOI: 10.1016/j.applanim.2018.11.001

Keyword: Animal welfare; Dairy cattle; Cow lameness; Lying behaviour; Stand-off pad

No. 271

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

DOI: 10.1016/j.livsci.2019.02.008

Keyword: Efficiency; Dairy farms; Data Envelopment Analysis; Home-grown feedstuffs

No. 272

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

DOI: 10.1016/j.jchromb.2019.04.021

Keyword: Mass spectrometry; Gas chromatography; Metabolomics; Nephronophthisis; Polycystic kidney disease

No. 273

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

DOI: 10.1016/j.heliyon.2019.e02620

Keyword: Hematology; Organophosphates; Toxicology; Veterinary medicine; Animal behavior; Biochemistry; Ecology; Environmental toxicology; Esterase; Snakes; Wildlife ecology

No274

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

DOI: 10.3168/jds.2018-15233

Keyword: PCR; sensitivity; Bayesian estimation; specificity

No. 275

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

DOI: 10.1016/j.smallrumres.2019.09.005

Keyword: Intake; Nitrogen balance; Microspheres; N-NH

No. 276

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

DOI: 10.1016/j.envres.2019.108661

No. 277

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

DOI: 10.1016/j.jrurstud.2019.10.004

Keyword:

No. 278

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

DOI: 10.1016/j.heliyon.2019.e03052

Keyword: Environment; Environmental science; Sustainability; Alleviation; Effect; Threats

No. 279

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.

DOI: 10.1016/j.jveb.2019.10.003

Keyword: education; dog; magnetic alignment; magnetic field; magnetoreception

No. 280

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

DOI: 10.3168/jds.2018-15037

Keyword: attitude; personality; dairy; risk factor

No. 281

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

DOI: 10.1016/j.fsi.2019.09.068

Keyword: Inflammation; Atrazine; Glycometabolism; miR-181-5p; Necroptosis

No282

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

DOI: 10.1016/j.jembe.2018.09.007

Keyword: Energy; Metabolism; Sea cucumber; Regeneration costs; Subsistence fishery

No. 283

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

DOI: 10.1016/j.fsi.2019.03.040

Keyword: Chitosan; Adjuvant; Anisodamine; ims1312; ISKNV; poly(I:C)

No. 284

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

DOI: 10.1016/j.vprsr.2019.100343

Keyword: Prevalence; Vector; Cattle; Trypanosomosis; Dawuro; Ethiopia; Gamo-Gofa

No. 285

Tomas-Roig, J.; Torrente, M.; Cabré, M.; Vilella, E.; Colomina, M.T.

Long lasting behavioural effects on cuprizone fed mice after neurotoxicant withdrawal

Behavioural Brain Research: v.363, 2019 : P. 38-44

DOI: 10.1016/j.bbr.2019.01.036

Keyword: Demyelination; Cuprizone; Motor coordination and anxiety; Neurobehavioral screening; Remyelination

No. 286

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

DOI: 10.1016/j.brainres.2019.146476

Keyword: Cognition; Alzheimer's disease; Aging; Clinical trials; Curcumin (curcuma longa); Preclinical studies

No. 287

Lyall, 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

DOI: 10.1016/j.respol.2019.01.009

Keyword: Life sciences; Consensus; Governance; Public engagement

No. 288

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

DOI: 10.1016/j.smallrumres.2019.03.010

Keyword: Small ruminants; Meat; Pasture; Semi-arid rangeland

No. 289

Pang, Iok-Hou; Clark, Abbot F.

Inducible rodent models of glaucoma

Progress in Retinal and Eye Research: v., 2019 : P. 100799

DOI: 10.1016/j.preteyeres.2019.100799

Keyword: Pathogenesis; Animal model; Rodent; Glaucoma; In vivo; Intraocular pressure

No290

Haghparast, 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

DOI: 10.1016/j.peptides.2019.05.003

Keyword: Parkinson's disease; Synaptic plasticity; 6-OHDA; Apelin-13; Motor impairment; Striatum

No. 291

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

DOI: 10.1016/j.forsciint.2019.01.034

Keyword: Accuracy; CSI effect; Error rate; Forensic evidence; Forensic science

No. 292

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

DOI: 10.1016/j.gene.2018.08.040

Keyword: Growth traits; mRNA expression; gene; Association; Chinese cattle; Copy number variations (CNVs)

No. 293

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

DOI: 10.1016/j.toxlet.2019.01.008

Keyword: Deoxynivalenol; Porcine; Enteroids; Intestinal stem cells; Wnt / β -catenin pathway

No. 294

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

DOI: 10.1016/j.jff.2019.103585

Keyword: Fermentation; Prebiotics; Canine gut microbiota; Probiotic strains

No. 295

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

DOI: 10.1016/j.parint.2019.101927

Keyword: Indonesia; Cattle; Java Island

No. 296

Michalak, Izabela

The application of seaweeds in environmental biotechnology : v., 2019 : P.

DOI:

Keyword: Aquaculture; Biomonitoring; Bioremediation; Biosorption; Environmental contamination; Seaweeds

No. 297

Castelo, Paula Midori

Improving the quality of data presentation in health sciences

Archives of Oral Biology: v.98, 2019 : P. 123-125

DOI: 10.1016/j.archoralbio.2018.11.016

Keyword: Statistics; Methods; Research Design

No298

Nakajo, Haruna; Tsuboi, Takashi; Okamoto, Hitoshi

The behavioral paradigm to induce repeated social defeats in zebrafish

Neuroscience Research: v., 2019 : P.

DOI: 10.1016/j.neures.2019.11.004

Keyword: Chronic stress; Zebrafish; Depression-like state; Habenula; Social conflict; Social defeat model

No. 299

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

DOI: 10.1016/j.smallrumres.2019.06.001

Keyword: Sheep; Italy

No. 300

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

DOI: 10.1016/j.biopha.2019.108925

Keyword: Oxidative stress; Streptozotocin; Erythropoiesis; Hyperglycaemia

No. 301

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

DOI: 10.1016/j.bj.2019.01.009

Keyword: Aquaculture; Biosensors; Food safety; Nuclear magnetic resonance (NMR)

No. 302

Carvalho, M.P.N.; Sant'Anna, S.S.; Díaz-Delgado, J.; Grego, K.F.; Gogone, I.C.V.P.; Queiroz-Hazarebassanov, 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

DOI: 10.1016/j.jcpa.2018.10.174

Keyword: congenital anomalies; teratology

No. 303

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

DOI: 10.1016/j.ygcen.2019.113237

Keyword: cattle; AMPK; metabolic cross-talk; proteomic

No. 304

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

DOI: 10.1016/j.bbr.2019.112113

Keyword: Behavior; Glucocorticoids; Dopaminergic system development; FGF-2; HMW; LMW

No. 305

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

DOI: 10.1016/j.dcn.2019.100643

Keyword: Early life stress; Rhesus monkey; Attention bias

No306

Gray, Travis R.; Dziki, 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

DOI: 10.1016/j.vaa.2018.09.041

Keyword: bupivacaine; femoral nerve block; hyaluronidase; ischiatic nerve block; ropivacaine

No. 307

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

DOI: 10.1016/j.jneumeth.2019.04.005

Keyword: Behaviour; 3Rs; Traumatic brain injury; Spinal cord injury; Neurotrauma

No. 308

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

DOI: 10.1016/j.anaerobe.2019.03.013

Keyword: Microbiota; Wildlife; Zoonotic; Polar bear

No. 309

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

DOI: 10.1016/j.aquaculture.2019.734202

Keyword: Aquaculture, PirA; Bacterial microbiome; Pond productivity

No. 310

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

DOI: 10.1016/j.jff.2019.06.013

Keyword: Antioxidant activity; Bioactive peptide; Carp; Gelatine; study

No. 311

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

DOI: 10.1016/j.ecolmodel.2019.108804

Keyword: Citizen science; MaxEnt; Sampling bias; Species distribution modelling

No. 312

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

DOI: 10.1016/j.jviromet.2018.10.014

Keyword: Hemagglutinin; Monoclonal antibody; Avian influenza virus; DAS-ELISA; H9N2

No. 313

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

DOI: 10.1016/j.cyto.2018.11.009

Keyword: Innate immunity; Chinese tree shrew; OAS; RNase L; Virus infection

No.314

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

DOI: 10.3382/ps/pey539

Keyword: resistance; poultry; antimicrobial; avian

No. 315

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

DOI: 10.1016/j.jcpa.2018.11.006

Keyword: pathology; european mole ()

No. 316

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

DOI: 10.1016/j.lwt.2018.09.077

Keyword: Anoxic atmosphere packaging; Diet supplementation; Oxidation processes; Pork meat; Superoxide

No. 317

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

DOI: 10.1016/j.lfs.2019.04.028

Keyword: Hippocampus; Memory impairment; Sleep deprivation; Omega-3 fatty acids

No. 318

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

DOI: 10.1016/j.bbr.2019.111972

Keyword: Motivation; Corticosterone; Prefrontal cortex; Reward-seeking; Social stress; Time-dependent

No. 319

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.

DOI: 10.1016/j.cryobiol.2019.10.198

Keyword: Antioxidants; Freezability; Ram semen; Sugars; Tris extender

No. 320

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

DOI: 10.1016/j.theriogenology.2018.10.030

Keyword: Cloned goats; Essential fatty acids; Pomegranate seed; Semen cryopreservation; Sperm motility

No. 321

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.

DOI: 10.1016/j.acra.2019.05.011

Keyword: skeletal muscle; eccentric exercise; rat; serum fsTnI; T2 value

No322

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

DOI: 10.1016/j.chmed.2019.03.003

Keyword: capsaicin; cell survival; molecular targets; testicular torsion; Tsc1/Tsc2 complex

No. 323

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

DOI: 10.1016/j.anifeedsci.2019.114313

Keyword: Digestibility; Milk production; Blood metabolites; Anglo-Nubian; pod meal; Ruminal parameter

No. 324

Kumar, Mohit; Sandhir, Rajat

Hydrogen sulfide suppresses homocysteine-induced glial activation and inflammatory response

Nitric Oxide: v.90, 2019 : P. 15-28

DOI: 10.1016/j.niox.2019.05.008

Keyword: Inflammation; Astrocytes; Memory; Hydrogen sulfide; Glia; Homocysteine

No. 325

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.

DOI: 10.1016/j.jjcc.2019.08.013

Keyword: Catheter ablation; Cryoballoon; Phrenic nerve; Sinus node; Superior vena cava; Time to isolation

No. 326

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

DOI: 10.1016/j.anifeedsci.2019.04.007

Keyword: Milk production; Amino acids; Microbial protein

No. 327

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

DOI: 10.1016/j.gene.2018.11.010

Keyword: Goat; Indel; gene; Association; Growth-related traits

No. 328

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

DOI: 10.1016/j.jembe.2019.05.008

Keyword: Migration; Telemetry; Foraging behavior; Habitat use; Whales

No. 329

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

DOI: 10.1016/j.fitote.2019.104270

Keyword: Antidiarrhoeal; Fractionation; Fulvic acids; Mechanism study; Ultrafiltration

No330

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

DOI: 10.1016/j.fsi.2019.09.036

Keyword: Apoptosis; White spot syndrome virus

No. 331

Tsai, Kuo-Ting; Chou, Ya-Hui

Random Walk Revisited: Quantification and Comparative Analysis of *Drosophila* Walking Trajectories

iScience: v.19, 2019 : P. 1145-1159

DOI: 10.1016/j.isci.2019.08.054

Keyword: Biomechanics; Biological Sciences; Biophysics; Evolutionary Biology

No. 332

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

DOI: 10.1016/j.scitotenv.2019.06.217

Keyword: Bacteria; Inflammation; Fungi; Airborne; BioPM; TLR

No. 333

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

DOI: 10.1016/j.celrep.2019.04.002

Keyword: hippocampus; place cells; goal-directed behavior; medial septum; theta oscillation

No. 334

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

DOI: 10.1016/j.neulet.2019.05.011

Keyword: Machine learning; Dopamine; Foraging; Area-restricted search; Behavioral assay; Inverse reinforcement learning

No. 335

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

DOI: 10.1016/j.anifeedsci.2019.114318

Keyword: Digestibility; Culling; Body condition score; Pregnancy; Microbial protein; PUFA

No. 336

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

DOI: 10.1016/j.anbehav.2019.10.006

Keyword: behavioural syndrome; environmental change; mosquitofish; turbidity

No. 337

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

DOI: 10.1016/j.chemosphere.2019.07.002

Keyword: Oxidative stress; Inflammation; PM; Autophagy; Endoplasmic reticulum stress; Nrf2

No338

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

DOI: 10.1016/j.jff.2019.03.050

Keyword: Liver; Diabetes; Streptozotocin

No. 339

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

DOI: 10.1016/j.vaa.2018.08.003

Keyword: horses; hypoxia; lung compliance; pulmonary atelectasis; pulmonary gas exchange

No. 340

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

DOI: 10.1016/j.jenvman.2018.12.002

Keyword: Citizen science; Fisheries management; Horseshoe crab; Seasonal ecology; Sedimentation; Shore recovery

No. 341

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.

DOI: 10.1016/j.burns.2019.11.024

Keyword: Integrative therapy; Rehabilitation; Therapy dog

No. 342

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

DOI: 10.1016/S2095-3119(19)62584-0

Keyword: broiler; growth performance; chronic temperature; mitochondrial ATP production; relative humidity

No. 343

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

DOI: 10.1016/j.bcdf.2019.100185

Keyword: Carbohydrate-mineral complex; Functional foods; Pine nut shells; Stimulation of physical activity and endurance

No. 344

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

DOI: 10.1016/j.prevetmed.2019.04.006

Keyword: Sheep; Productivity; Prevalence; Respiratory disease

No. 345

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

DOI: 10.1016/j.vetmic.2019.04.016

Keyword: Virulence; Macrophages; Thymus; Cell death; PRRSV

No346

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

DOI: 10.1016/j.lfs.2019.116741

Keyword: Carbon black nanoparticles; Lysosomal dysfunction; Persistent lung injury; Pregnancy exposure

No. 347

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.

DOI: 10.1016/j.burns.2019.08.019

Keyword: Inflammation; Cytokines; Innate immunity; Spleen; Enteral fluids; Thermal injury; White blood cells

No. 348

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

DOI: 10.1016/j.prevetmed.2019.04.010

Keyword: Prevalence; Cattle; Risk factors; Bovine tuberculosis; Ethiopia; Emerging dairy sector

No. 349

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

DOI: 10.1016/j.fsi.2019.05.064

Keyword: Cytokines; Cyclophilin a; Grouper Fin-1; Molecular cloning; Nervous necrosis virus

No. 350

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

DOI: 10.1016/j.fuel.2019.01.119

Keyword: Anaerobic digestion; Biomass; Animal waste; Coal; Horse manure; Sewage sludge; Torrefaction

No. 351

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

DOI: 10.1016/j.pharep.2019.04.017

Keyword: Epileptogenesis; Ethosuximide; Absence epilepsy; Depressive behaviour; Levetiracetam

No. 352

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

DOI: 10.1016/j.idairyj.2019.04.009

Keyword:

No. 353

Sischo, W.M.; Moore, D.A.; Pereira, R.; Warnick, L.; Moore, D.L.; Vanegas, J.; Kurtz, S.; Heaton, K.; Kinder, D.; Siler, J.; Davis, M.A.

Calf care personnel on dairy farms and their educational opportunities

Journal of Dairy Science: v.102, 2019 : P. 3501-3511

DOI: 10.3168/jds.2018-15401

Keyword: calf management; extension education; labor

No354

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

DOI: 10.1016/j.neuroscience.2019.03.013

Keyword: stress; corticosterone; isoflavones; photoperiod

No. 355

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

DOI: 10.3168/jds.2018-16121

Keyword: goat; cattle; animal welfare; dehorning

No. 356

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

DOI: 10.1016/j.tmaid.2019.06.012

Keyword: Therapy; MERS; Middle east respiratory syndrome coronavirus

No. 357

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

DOI: 10.1016/j.meatsci.2018.09.013

Keyword: Sheep; Resistance; Carcass composition; Impedance; Lean mass

No. 358

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

DOI: 10.1016/j.future.2019.03.046

Keyword: Earth Science; FAIR principles; Research infrastructure; Research objects; Semantic technologies

No. 359

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

DOI: 10.1016/j.micpath.2018.12.045

Keyword: Subunit vaccine; Recombinant protein; Enteritidis; Experimental challenge; Hsp60

No. 360

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

DOI: 10.1016/j.anbehav.2019.05.019

Keyword: birdsong; playback; Savannah sparrow; vocal learning

No. 361

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

DOI: 10.1016/j.fct.2019.110579

Keyword: Differentiation; Deoxynivalenol; Proliferation; Hydrolyzed wheat gluten; Intestine stem cells; Wnt/ β -catenin signaling

No. 363

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

DOI: 10.1016/j.vascn.2018.11.007

Keyword: Bipolar disorder; Depression; Animal models; Antidepressants; Individual variability

No. 365

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

DOI: 10.1016/j.psyneuen.2019.104387

Keyword: Sheep; Sex differences; Gonadectomy; Resting state fMRI; Voxel-based morphometry

No. 367

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

DOI: 10.1016/j.cimid.2019.04.004

Keyword: Anaplasma; Dromedary; Review; Tick-borne; Vector-borne

No362

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

DOI: 10.1016/j.anifeedsci.2018.10.016

Keyword: Performance; Sheep; Intake; Forage cactus; Microbial N

No. 364

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

DOI: 10.1016/j.bbr.2019.112120

Keyword: Forced swimming test; Prefrontal cortex; Learned helplessness; Noradrenaline

No. 366

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

DOI: 10.1016/j.appet.2019.02.021

Keyword: Meat; Consumer behaviour; Cultured meat; In vitro meat; Nomenclature; Social representations theory

No. 368

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

DOI: 10.1016/j.sajb.2019.08.045

Keyword: Oxidative stress; Scopolamine; Memory deficit; Pup rat; Spirulina plathensis

No. 369

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

DOI: 10.1016/j.forsciint.2018.11.019

Keyword: DNA; Echidna; Geographic provenance; Illegal wildlife trade; Non-invasive sampling; Wildlife forensics

No370

Watanabe, Shigeru

Analysis of inequality aversion in mice using stress-induced hyperthermia

Learning and Motivation: v.68, 2019 : P. 101601

DOI: 10.1016/j.lmot.2019.101601

Keyword: Stress; Empathy; Fairness; Hyperthermia

No. 371

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

DOI: 10.1016/j.domaniend.2019.106392

Keyword: SDS-PAGE; FSH; Biomarkers; Estrogen; GC-MS; LH

No. 372

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

DOI: 10.1016/j.ecolmodel.2019.108831

Keyword: Computer simulation; Ecosystem change; Eradication; insular ecosystem; Invasive species; Scenario evaluation

No. 373

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

DOI: 10.3168/jds.2018-16021

Keyword: growth; animal behavior; animal welfare; maternal care; public attitudes

No. 374

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

DOI: 10.1016/j.jtherbio.2019.05.015

Keyword: MRI; Ground squirrel; Hibernation; Lipid

No. 375

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

DOI: 10.1016/j.livsci.2019.103829

Keyword: Beef cattle; Arginine; Ergot alkaloids; Shade; Tall fescue

No. 376

Wang, Yihong; Xu, Xuying; Wang, Rubin

The place cell activity is information-efficient constrained by energy

Neural Networks: v.116, 2019 : P. 110-118

DOI: 10.1016/j.neunet.2019.04.001

Keyword: Constrained optimization of functional; Place cell; Place field; Spatial information

No. 377

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

DOI: 10.1016/j.freeradbiomed.2019.01.027

Keyword: Exercise; Oxidative phosphorylation; Skeletal muscle; Mitochondria; Polyphenols

No378

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

DOI: 10.1016/j.vaccine.2019.08.029

Keyword: Vaccine; Rabbit; HEV; Nanogel; Subunit

No. 379

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

DOI: 10.1016/j.jnutbio.2019.108316

Keyword:

No. 380

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

DOI: 10.1016/j.bbr.2019.112090

Keyword: Rat; Morphine; Sensitization; Nucleus accumbens; Orexin system

No. 381

Ballová, Zuzana; Pekárik, Ladislav; Píš, Vladimír; Šibík, Jozef

How much do ecosystem engineers contribute to landscape evolution? A case study on Tatra marmots

CATENA: v.182, 2019 : P. 104121

DOI: 10.1016/j.catena.2019.104121

Keyword: Animal-plant interactions; Burrowing rodent's impact; Ecosystem engineers; Ecosystem processes; Geomorphic agents; Soil disturbance; Zoogeomorphology

No. 382

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

DOI: 10.1016/j.micpath.2019.01.050

Keyword: Mice; Histopathology; Clinical signs; IL1- β ; TNF- α

No. 383

Machado, Mizael; 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; Armién, Anibal G.; Barros,

Fatal lancehead pit viper (*Bothrops* spp.) envenomation in horses

Toxicon: v.170, 2019 : P. 41-50

DOI: 10.1016/j.toxicon.2019.09.002

Keyword: Horses; Acute kidney injury; Coagulopathy; Endothelial injury; Snake; Snakebite

No. 384

Grabež, Vladana; Bjelanović, Milena; Rohloff, Jens; Martinović, Aleksandra; Berg, Per; Tomović, Vladimir; Rogić, Biljana; Egelandsdal, 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

DOI: 10.1016/j.smallrumres.2019.09.022

Keyword: Sheep; Adipose tissue volatiles; Lean meat metabolites; Sensory attributes

No. 385

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

DOI: 10.1016/j.rsma.2019.100832

Keyword: Biochemical parameters; Hematological parameters; Mediterranean sea; Sea turtle

No386

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

DOI: 10.1016/j.bjp.2019.01.011

Keyword: Post traumatic stress disorder; Corticosterone; corticotrophin releasing hormone; freezing behavior; glucocorticoid receptor; Saffron aqueous extract

No. 387

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

DOI: 10.1016/j.jtherbio.2019.03.012

Keyword: Liver; Oxidative stress; Inflammation; Rats; Heat stress; Resveratrol

No. 388

Uzochukwu, I.E.; Amaefule, B.C.; Aba, C.N.; Nnajifor, 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

DOI: 10.3382/japr/pfz073

Keyword: chicken; semen quality; artificial insemination; hematology

No. 389

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

DOI: 10.1016/j.nut.2019.05.007

Keyword: High-fat diet; Type 2 diabetes mellitus; antioxidant; arachidonic acid; ARASCO oil; lipoxin A4; Polyunsaturated fatty acid

No. 390

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

DOI: 10.1016/j.anifeedsci.2019.114202

Keyword: Digestibility; Pig; Amino acids; Corn condensed distiller's solubles; Corn whole stillage

No. 391

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

DOI: 10.1016/j.neulet.2019.134409

Keyword: Feeding; Hypothalamus; Palatability; Opioids; Appetite

No. 392

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

DOI: 10.1016/j.jclepro.2019.03.068

Keyword: Animal feed; International soybean trade; Sectoral responsibility; Virtual land trade; Virtual water trade

No. 393

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

DOI: 10.1016/j.procs.2019.01.032

Keyword: performance; 3D object; archaeozoology; clutters; complexity; occlusions; recognition; recognition rate; spin

No394

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.

DOI: 10.1016/j.jos.2019.09.017

Keyword:

No. 395

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

DOI: 10.1016/j.applanim.2019.104878

Keyword: Animal welfare; Anxiety-related behaviour; Chimpanzees; Regurgitation and reingestion; Scratching; Yawning

No. 396

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

DOI: 10.1016/j.rvsc.2019.02.012

Keyword: Rabbit; Restricted feeding; Obesity; Blood lipid profile; Fat distribution; Fish oil

No. 397

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

DOI: 10.1016/j.jor.2019.05.003

Keyword: Biomechanics; Bone; Denervation; Peripheral nervous system

No. 398

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

DOI: 10.3168/jds.2018-15691

Keyword: bacteria; gene expression; rumen epithelium; ruminal absorption

No. 399

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

DOI: 10.1016/j.omtn.2018.11.018

Keyword: carbon tetrachloride; CCl₄; cirrhosis; HCC; hepatocellular carcinoma; microRNAs; prophylaxis; transgenic

No. 400

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

DOI: 10.1016/j.scitotenv.2019.04.379

Keyword: Bibliometrics; Glyphosate; Knowledge generation; Politicization of sciences; Social debate

No. 401

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

DOI: 10.1016/j.vaccine.2019.08.077

Keyword: Vaccine; Nanoemulsion; Genital herpes; Herpes simplex virus type 2; NanoVax

No. 403

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

DOI: 10.1016/j.ntt.2019.03.003

Keyword: Alternative animal models; Developmental neurotoxicity; Flame retardants; OPFRs; Planarian; Polybrominated diphenyl ethers

No. 405

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

DOI: 10.1016/j.vaa.2019.04.009

Keyword: dog; anaesthesia; pharmacokinetics; population; propofol; target-controlled infusion

No. 407

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

DOI: 10.1016/j.cbpa.2019.04.022

Keyword: Food intake; Appetite factors; Cholecystokinin; Cholecystokinin receptor; Urocortin-3

No. 402

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

DOI: 10.1016/j.jpba.2019.112834

Keyword: Toxicology; Mass spectrometry; Contamination;

No. 404

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

DOI: 10.1016/j.livsci.2019.01.011

Keyword: Curcumin; Rabbits; Liver function; Silymarin

No. 406

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

DOI: 10.1016/j.meatsci.2019.107892

Keyword: Animal welfare; Beef cattle; Meat quality; Pre-slaughter stress; Disbudding

No. 408

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

DOI: 10.1016/j.physa.2018.09.141

Keyword: Antibiotic resistance; Population dynamics; Mathematic model; Mcr-1; Stability of equilibrium points

No. 409

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

DOI: 10.3382/ps/pez409

Keyword: broiler chicken; probiotic; fermented soybean meal; mannan-oligosaccharide; nutrient digestibility

No410

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

DOI: 10.1016/j.jep.2018.12.036

Keyword: Rabbit; Fertility hormones; Lam. leaf; Semen quality

No. 411

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

DOI: 10.1016/j.brainres.2019.01.010

Keyword: Sex differences; Methamphetamine; Neurotoxicity

No. 412

Whitney, Travis Raymond; Sawyer, Jason Eric; Tedeschi, Luis Orlando; 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

DOI: 10.1016/j.livsci.2019.06.014

Keyword: Steers; Feedlot diet; Juniper; Secondary metabolites; Serum chemistry

No. 413

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

DOI: 10.1016/j.theriogenology.2019.07.029

Keyword: Bull fertility; Fertility marker; Male fertility prediction; Marker combination

No. 414

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

DOI: 10.1016/j.scitotenv.2019.05.359

Keyword: Health; Cobalt; Deficiency; Geology; Risk; Volcanic island

No. 415

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

DOI: 10.1016/j.anireprosci.2019.03.007

Keyword: Cholesterol; Buffalo; Liver function; Estrous synchronization; Ovsynch

No. 416

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

DOI: 10.1016/j.livsci.2019.01.020

Keyword: Animal welfare; Ear movement; Pig assessment; Poor welfare; Straw provision; Tail movement

No. 417

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

DOI: 10.1016/j.cortex.2019.04.006

Keyword: Animal models; Clinical trials; Cognitive assessment; Premanifest; Temporal lobe

No418

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

DOI: 10.1016/j.freeradbiomed.2019.08.033

No. 419

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

DOI: 10.1016/j.actatropica.2019.105081

Keyword: Prevalence; Pig; China; Odds ratio

No. 420

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.

DOI: 10.1016/j.japr.2019.10.002

Keyword: layer; DHA; algae; EPA; omega-3

No. 421

Benatti, C.; Radighieri, G.; Alboni, S.; Blom, J.M.C.; Brunello, N.; Tascedda, F.

Modulation of neuroplasticity-related targets following stress-induced acute escape deficit

Behavioural Brain Research: v.364, 2019 : P. 140-148

DOI: 10.1016/j.bbr.2019.02.023

Keyword: Stress; Hippocampus; Resilience; Prefrontal cortex; Acute escape deficit; Transcriptional effect

No. 422

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

DOI: 10.1016/j.ijbiomac.2018.09.057

Keyword: Histopathology; Animal model; Nanoparticles; Doxycycline; Periodontitis; Plaque biofilm

No. 423

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

DOI: 10.3168/jds.2018-15695

Keyword: dairy calf; feeding frequency; yeast culture

No. 424

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

DOI: 10.1016/j.rama.2019.06.003

Keyword: focused grazing; livestock; prescriptive grazing; rangelands; targeted grazing; vegetation manipulation

No. 425

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

DOI: 10.1016/j.physbeh.2019.04.011

Keyword: Vitamin E; Oxidative stress; Rats; High-fat diet; Seizure; PTZ

No.426

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

DOI: 10.1016/S2095-3119(19)62566-9

Keyword: broilers; immune responses; antioxidative ability; cecal microbiota; intestinal morphology; plant extracts

No. 427

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

DOI: 10.1016/j.aquaculture.2019.02.035

No. 428

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

DOI: 10.1016/j.cbpc.2019.04.006

Keyword: Aflatoxin B1; Hepatopancreas; Innate immune system; Intestinal

No. 429

Tappebeck, 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

DOI: 10.1016/j.jcyt.2018.12.005

Keyword: MSC; ABCB5; biodistribution; GMP; persistence;

No. 430

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

DOI: 10.3382/ps/pez440

Keyword: feed intake; cecal microbiota; high temperature; laying hen

No. 431

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

DOI: 10.1016/j.anireprosci.2019.106148

Keyword: Agonistic behavior; Anti-fertility; GonaCon; Immunocontraception; Male capybara; Population control

No. 432

Bahmani, Nasrin; Mirnejad, Reza; Arabestani, Mohammad Reza; Mohajer, 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

DOI: 10.1016/j.sjbs.2017.08.017

Keyword: PCR; Brucellosis; RFLP; Molecular typing

No. 433

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

DOI: 10.3382/ps/pez475

Keyword: broiler; behavior; scan sampling; tracking software; validation

No434

Sirot, Etienne

Adjustments in compound defensive strategies in response to variation in predation risk

Animal Behaviour: v.147, 2019 : P. 53-60

DOI: 10.1016/j.anbehav.2018.10.023

Keyword: antipredator behaviour; predation; risk allocation; trophic cascades; vigilance

No. 435

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

DOI: 10.1016/j.bbalip.2019.03.003

Keyword: Muscle; Carotenoid coloration; Fine mapping; Scallop

No. 436

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

DOI: 10.1016/j.biocon.2019.05.010

Keyword: Ecosystem services; Bushmeat harvest; Household income; Protein consumption; Rainforest; Wildlife conservation

No. 437

Guo, Huanping; Adjou Moumouni, Paul Franck; Thekiso, 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

DOI: 10.1016/j.ttbdis.2019.04.008

Keyword: Sheep; Cattle; South Africa; Tick species; Tick-borne pathogens

No. 438

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

DOI: 10.1016/j.ajodo.2018.03.016

Keyword:

No. 439

Thompson, Francis Cazzeli; Matsumoto, Mariza Akemi; Biguetti, 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

DOI: 10.1016/j.msec.2019.02.011

Keyword: Animal model; Biomaterials; Wound healing; Sinus floor elevation; Vitroceramic

No. 440

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

DOI: 10.1016/j.cbpb.2019.110324

Keyword: Evolution; ATF/CREB family; Duplication; Gonad; Temporal and spatial expression profiles

No. 441

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

DOI: 10.1016/j.vetmic.2019.06.019

Keyword: Domestic cat; Emerging disease; Severe fever with thrombocytopenia syndrome

No.442

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

DOI: 10.3382/ps/pez124

Keyword: broiler; meat quality; antibiotic status; intestinal health; protocatechuic acid

No. 443

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

DOI: 10.1016/j.chemosphere.2019.06.155

Keyword: Bivalves; GC-MS/MS; Organochlorine pesticides; QuEChERS bioconcentration; Seafood

No. 444

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

DOI: 10.1016/j.brainresbull.2019.01.013

Keyword: Prefrontal cortex; Methamphetamine; Acute restraint stress; Chronic restraint stress; Conditioned place preference; Neuronal activity

No. 445

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

DOI: 10.1016/j.yexcr.2019.04.028

Keyword: Apoptosis; Cancer; Macrophage polarization; Phosphatidylserine; Tubulysin

No. 446

Wang, Maya Zhe; Hayden, Benjamin Y.

Monkeys are curious about counterfactual outcomes

Cognition: v.189, 2019 : P. 1-10

DOI: 10.1016/j.cognition.2019.03.009

Keyword: Curiosity; Risk; Counterfactual; Entropy; Fictive; Gambling; Hypothetical

No. 447

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

DOI: 10.1016/j.pdpdt.2019.08.020

No. 448

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

DOI: 10.1016/j.applanim.2018.10.007

Keyword: Ruminants; Feed intake behaviour; Forage recognition

No. 449

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

DOI: 10.1016/j.micpath.2019.04.016

Keyword: Vaccine; Porcine; bacterial ghost; Immunogenic analysis

No.450

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.

DOI: 10.1016/j.pcd.2019.11.005

Keyword: Cognitive function; Diabetes; Cognitive decline; Prediabetes

No. 451

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.

DOI: 10.1016/j.psj.2019.10.041

Keyword: curcumin; duck; intestinal microbiota; liver oxidative injury; ochratoxin A

No. 452

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

DOI: 10.1016/j.learninstruc.2018.11.001

Keyword: Interest; Academic self-concept; Construct differentiation; Dimensionality; Integrated science teaching

No. 453

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

DOI: 10.1016/j.vetmic.2019.04.001

Keyword: Evaluation; Pathogenicity; Virulence; CSFV; Field isolate

No. 454

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

DOI: 10.3382/ps/pey411

Keyword: estrogenic receptors; genistein; granulosa cells; progesterone

No. 455

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

DOI: 10.1016/j.applanim.2019.06.004

Keyword: Personality; Instinct; Predator recognition; Sympatric carnivores

No. 456

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

DOI: 10.1016/j.steroids.2019.02.011

Keyword: Heart; Stanozolol; Testosterone cypionate; Ventricle myocardium

No. 457

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

DOI: 10.1016/j.neuroscience.2019.01.055

Keyword: Parkinson's disease; dorsal striatum; parafascicular thalamic nucleus; synchronization

No458

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

DOI: 10.1016/j.jphotobiol.2019.111565

Keyword: Citral; Cancer protection; Hairless mice; Skin cancer; Ultraviolet light

No. 459

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

DOI: 10.1016/j.vetpar.2018.12.015

Keyword: Sheep; Daily weight gain; FAMACHA system

No. 460

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

DOI: 10.1016/j.msard.2018.12.041

Keyword: Myelin repair; conversion; Neural progenitors; Oligodendrocyte progenitor cell; Reactive astrocytes; Sox2 transcription factor

No. 461

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

DOI: 10.1016/j.ibmb.2019.05.009

Keyword: Insect repellent; Odorant receptor; Olfaction

No. 462

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.

DOI: 10.1016/j.aninu.2019.08.003

Keyword: Performance; Cattle; Immunity; Antioxidant status; Organic trace minerals

No. 463

Alves, E.D.; Bonfá, A.L.O.; Pigatto, G.R.; Anselmo-Franci, J.A.; Achcar, J.A.; Parizotto, N.A.; Montezor, L.H.

Photobiomodulation can improve ovarian activity in polycystic ovary syndrome-induced rats

Journal of Photochemistry and Photobiology B: Biology: v.194, 2019 : P. 6-13

DOI: 10.1016/j.jphotobiol.2019.03.006

Keyword: Estradiol valerate; Ovarian follicles; Photobiomodulation therapy; Polycystic ovary syndrome 1

No. 464

Sehati, Ronak; Kazemi, Parinaz; Zandi, Ghazaleh; Mahdaviniezhad, Forough; Sarmadi, Fatemeh; Fayazi, Samaneh; Hajarian, Hadi; Dashtizad, Mojtaba

Different Origin, Different Response: Gene Expression Pattern in Collapsed Vitrified Blastocyst

Reproductive Biology: v.19, 2019 : P. 158-164

DOI: 10.1016/j.repbio.2019.05.001

Keyword: blastocyst; gene expression; artificial collapse; vitrification

No. 465

Aghajyanov, Michail; Chavushyan, Vergine; Matinyan, Senik; Danielyan, Margarita; Yenkovyan, Konstantin

Alzheimer's disease-like pathology-triggered oxidative stress, alterations in monoamines levels, and structural damage of locus coeruleus neurons are partially recovered by a mix of proteoglycans of embryonic genesis

Neurochemistry International: v.131, 2019 : P. 104531

DOI: 10.1016/j.neuint.2019.104531

Keyword: Oxidative stress; Alzheimer's disease; Neuroprotection; Embryonic proteoglycans; Monoamines

No466

Chappell, K.; Hetherington, L.; Keene, H. Ruck; Wren, H.; Alexopoulos, A.; Ben-Horin, O.; Nikolopoulos, K.; Robberstad, J.; Sotiriou, S.; Bogner, F.X.

Dialogue and materiality/embodiment in science|arts creative pedagogy: Their role and manifestation

Thinking Skills and Creativity: v.31, 2019 : P. 296-322

DOI: 10.1016/j.tsc.2018.12.008

Keyword: Creativity; Creative pedagogy; Diffractive analysis; Embodied dialogic space; Science-arts

No. 468

El-Senousey, HebatAllah Kasem; Wang, Weiwei; Wang, Yibing; Fan, Qiuli; Fouad, Ahmed Mohamed; Lin, Xiajing; Gou, Zhongyong; Li, Long; Jiang, Shouqun

Dietary Metabolizable Energy Responses in Yellow-Feathered Broiler Chickens from 29 to 56 d

Journal of Applied Poultry Research: v.28, 2019 : P. 974-981

DOI: 10.3382/japr/pfz059

Keyword: metabolizable energy; performance; carcass trait; fat deposition; yellow-feathered broiler

No. 470

Squire, S.A.; Robertson, I.D.; Yang, R.; Ayi, I.; Ryan, U.

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

DOI: 10.1016/j.actatropica.2019.105126

Keyword: Prevalence; Risk factors; Gastrointestinal parasites; Ghana; Ruminant livestock

No. 472

Keller, Anastasia V.; Hainline, Casey; Rees, Kathleen; Krupp, Sarah; Prince, Daniella; Wood, Brittney D.; Shum-Siu, Alice; Burke, Darlene A.; Petruska, Jeffrey C.; Magnuson, David S.K.

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

DOI: 10.1016/j.expneurol.2019.03.006

Keyword: Spinal cord injury; Locomotor function; Muscle stretch; Nociceptors; Physical therapy

No. 467

Palmer, E.A.; Kegley, E.B.; Ball, J.J.; Beck, P.A.; Hornsby, J.A.; Reynolds, J.L.; Shoulders, B.P.; Boyer, A.R.; Powell, J.G.

Influence of commercial yeast products in diets for beef cattle new to the feedlot environment

Applied Animal Science: v.35, 2019 : P. 491-497

DOI: 10.15232/aas.2019-01847

Keyword: health; performance; bovine respiratory disease; receiving calves

No. 469

Santagata, Remo; Viglia, Silvio; Fiorentino, Gabriella; Liu, Gengyuan; Ripa, Maddalena

Power generation from slaughterhouse waste materials. An energy accounting assessment

Journal of Cleaner Production: v.223, 2019 : P. 536-552

DOI: 10.1016/j.jclepro.2019.03.148

Keyword: Animal by-products; Bio-refinery; Electricity generation; Energy accounting; Resource recovery; Waste management

No. 471

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

Are the spectral Doppler indices of ovarian arteries indicative of antral follicular development and predictive of ovulatory responses and embryo yields in superovulated ewes?

Reproductive Biology: v.19, 2019 : P. 394-403

DOI: 10.1016/j.repbio.2019.11.004

Keyword: Sheep; Superovulation; Doppler ultrasonography;

No. 473

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

DOI: 10.1016/j.lfs.2019.06.006

Keyword: Cas; CRISPR; Mobile genetic element; Proteus; Spacer

No.474

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

DOI: 10.1016/j.msard.2018.10.115

Keyword:

No. 475

Thompson, L.R.; Beck, M.R.; Gunter, S.A.; Williams, G.D.; Place, S.E.; Reuter, R.R.

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

DOI: 10.15232/aas.2018-01841

Keyword: wheat pasture; energy supplementation; enteric methane; grazing; GreenFeed

No. 476

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

DOI: 10.1016/j.phanu.2019.100161

Keyword: Energy metabolism; Muscle atrophy; Amino acid; Bioenergetics; Skeletal muscle performance

No. 477

Paiva, F.A.; Netto, A. Saran; Corrêa, L.B.; Silva, T.H.; Guimarães, I.C.S.B.; Del Claro, G.R.; Cunha, J.A.; Zanetti, M.A.

Organic selenium supplementation increases muscle selenium content in growing lambs compared to inorganic source

Small Ruminant Research: v.175, 2019 : P. 57-64

DOI: 10.1016/j.smallrumres.2019.04.008

Keyword: Tissue; Balance; GSH-Px; Na selenite; Se-Methionine; Se-Yeast

No. 478

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

DOI: 10.1016/j.biopha.2019.109479

Keyword: Oxidative stress; Iron deficiency; Iron supplementation; Newborn piglets

No. 479

Gorta, Simon B.Z.; Smith, James A.; Everett, Jason D.; Kingsford, Richard T.; Cornwell, William K.; Suthers, Iain M.; Epstein, Hal; McGovern, Roger; McLachlan, Greg; Roderick, Mick; Smith, Lindsay; Williams, Dan; Callaghan, Corey T.

Pelagic citizen science data reveal declines of seabirds off south-eastern Australia

Biological Conservation: v.235, 2019 : P. 226-235

DOI: 10.1016/j.biocon.2019.05.007

Keyword: Seasonality; Citizen science; Climate change; East Australian Current; Environmental drivers; Seabirds; Species archetype modelling

No. 480

Corballis, Michael C.

Mental time travel, language, and evolution

Neuropsychologia: v.134, 2019 : P. 107202

DOI: 10.1016/j.neuropsychologia.2019.107202

Keyword: Language; Evolution; Hippocampus; Memory; Imagination; Mental time travel

No. 481

Sani, A.; Abdullahi, I.L.

Effects of welding fumes on haematological parameters of male albino rats (*Rattus norvegicus*)

Biochemistry and Biophysics Reports: v.19, 2019 : P. 100651

DOI: 10.1016/j.bbrep.2019.100651

Keyword: Toxicity; Determination; Haematological; Welding fumes

No482

Mawa, Jannatul; Rahman, Md. Atiar; Hashem, M.A.; Juwel Hosen, Md.

Leea macrophylla root extract upregulates the mRNA expression for antioxidative enzymes and repairs the necrosis of pancreatic β -cell and kidney tissues in fructose-fed Type 2 diabetic rats

Biomedicine & Pharmacotherapy: v.110, 2019 : P. 74-84

DOI: 10.1016/j.biopha.2018.11.033

Keyword: catalase; Dismutase; necrosis; pancreatic damage; type 2 diabetes

No. 483

Barzroodi pour, Mitra; Bayat, Mohamad; Golab, Freshteh; Eftekharzadeh, Mina; Katebi, Majid; Soleimani, Mansoureh; Karimzadeh, Fariba

The effect of exercise on GABA signaling pathway in the model of chemically induced seizures

Life Sciences: v.232, 2019 : P. 116667

DOI: 10.1016/j.lfs.2019.116667

Keyword: Exercise; GABA; Hippocampus; Brain; Seizure; Epilepsy

No. 484

Goławska, Olga; Zajac, Magdalena; Maluta, Aleksandra; Pristas, Peter; Hamarová, Ludmila; 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

DOI: 10.1016/j.cimid.2019.05.007

Keyword: Antimicrobial resistance; spp.; Tortoises

No. 485

Liao, X.D.; Wang, G; Lu, L; Zhang, L.Y.; Lan, Y.X.; Li, S.F.; Luo, X.G.

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

DOI: 10.3382/ps/pez293

Keyword: broiler; amino acid and peptide transporter; divalent metal transporter 1; ferroportin 1; manganese absorption

No. 486

Zaniewska, Magdalena; Gawliński, Dawid; Wyczęsana, Maria; Nowak, Ewa; Kula, Karol; Maciów-Głąb, Martyna; Jastrzębska, Joanna; Sadakierska-Chudy, Anna; Bader, Michael; Fuxe, Kjell

Increased Ethanol Consumption and Locomotion Develop upon Ethanol Deprivation in Rats Overexpressing the Adenosine (A)2A Receptor

Neuroscience: v.418, 2019 : P. 133-148

DOI: 10.1016/j.neuroscience.2019.08.030

Keyword: A receptor overexpression; a two-bottle choice test; forced swim test; intermittent access to alcohol; locomotor activity

No. 487

Barducci, R.S.; Sarti, L.M.N.; Millen, D.D.; Putarov, T.C.; Franzói, M.C.S.; Ribeiro, F.A.; Perdigão, A.; Estevam, D.D.; Carrara, T.V.B.; Rigueiro, A.L.N.; Watanabe, D.H.M.; Cursino, L.L.; Martins, C.L.; Pereira, M.C.S.; Arrigoni, M.D.B.

Restricted versus step-up dietary adaptation in Nelore bulls: Effects over periods of 9 and 14 days on feedlot performance, feeding behavior and rumen morphometrics

Animal Feed Science and Technology: v.247, 2019 : P. 222-233

DOI: 10.1016/j.anifeedsci.2018.11.012

Keyword: Carcass; Zebu; Length; Papillae; Protocol

No. 488

Zriba, Slim; Garcia-Gonzalez, Daniel G.; Khalaf, Omar H.; Wheeler, Lance; Chaki, Sankar P.; Rice-Ficht, Allison; Ficht, Thomas A.; Arenas-Gamboa, Angela M.

Vaccine safety studies of *Brucella abortus* S19 and S19 Δ vjbR in pregnant swine

Vaccine: X: v.3, 2019 : P. 100041

DOI: 10.1016/j.jvacx.2019.100041

Keyword: Brucellosis; Swine; Vaccine safety; S19; S19 Δ

No. 489

Junior, Marcos Divino Ferreira; Cavalcante, Keilah Valéria Naves; Ferreira, Lucas Araújo; Lopes, Paulo Ricardo; Pontes, Carolina Nobre Ribeiro; Bessa, Amanda de Sá Martins de; Neves, Ângela Ribeiro; Francisco, Flávio Andrade; Pedrino, Gustavo Rodrigues; X

Postnatal early overfeeding induces cardiovascular dysfunction by oxidative stress in adult male Wistar rats

Life Sciences: v.226, 2019 : P. 173-184

DOI: 10.1016/j.lfs.2019.04.018

Keyword: Obesity; Cardiac dysfunction; Cardiac remodeling; Postnatal overfeeding; Vascular dysfunction

No. 491

Palanisamy, Subramanian; Vinosha, Manoharan; Rajasekar, Periyannan; Anjali, Ravichandran; Sathiyaraj, Ganesan; Marudhupandi, Thangapandi; Selvam, Samayanan; Prabhu, Narayanasamy Marimuthu; You, SangGuan

Antibacterial efficacy of a fucoidan fraction (Fu-F2) extracted from Sargassum polycystum

International Journal of Biological Macromolecules: v.125, 2019 : P. 485-495

DOI: 10.1016/j.ijbiomac.2018.12.070

Keyword: Antibacterial activity; Fu-F2

No. 493

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.

DOI: 10.1016/j.cegh.2019.12.009

Keyword: Children; Toxoplasmosis; Seroprevalence; Iran; Sistan and Baluchistan

No. 495

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

DOI: 10.1016/j.brainres.2019.146403

Keyword: ADHD; Neurogenesis; Epilepsy; ASD; Prenatal toxicity; Valproic acid

No490

Landon, Emma N.U.; Liu, Peng-Ju; Yin, Zong-Jun; Sun, Wei-Chen; Shang, Xiao-Dong; Donoghue, Philip C.J.

Cellular preservation of excysting developmental stages of new eukaryotes from the early Ediacaran Weng'an Biota

Palaeoworld: v.28, 2019 : P. 461-468

DOI: 10.1016/j.palwor.2019.05.005

Keyword: Ediacaran; Weng'an Biota; Acritarch; Eukaryote; Excystment mechanism

No. 492

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

DOI: 10.1016/j.anbehav.2019.04.007

Keyword: antipredator behaviour; exclosure; fox squirrel; predation risk

No. 494

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

DOI: 10.1016/j.cub.2019.03.059

Keyword:

No. 496

Schwarzer, S.; James, G.A.; Goeres, D.; Bjarnsholt, T.; Vickery, K.; Percival, S.L.; Stoodley, P.; Schultz, G.; Jensen, S.O.; Malone, M.

The efficacy of topical agents used in wounds for managing chronic biofilm infections: A systematic review

Journal of Infection: v., 2019 : P.

DOI: 10.1016/j.jinf.2019.12.017

Keyword: Infection; Biofilm; Chronic wound; Topical agent

No. 497

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

DOI: 10.1016/j.livsci.2019.04.006

Keyword: Cattle; Ultrasound; Histology; Degeneration; Testicular stroma

No. 499

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

DOI: 10.1016/j.neuroscience.2019.07.044

Keyword: animal model; brain edema; collateral circulation; CVST; recanalization

No. 501

Andrabi, Syed Suhail; Vishnoi, Shruti; Kaushik, Medha; Parveen, Khina; Tabassum, Heena; Akram, Mohd.; Parvez, Suhel

Reversal of Schizophrenia-like Symptoms and Cholinergic Alterations by Melatonin

Archives of Medical Research: v.50, 2019 : P. 295-303

DOI: 10.1016/j.arcmed.2019.08.005

Keyword: Schizophrenia; Melatonin; Dopamine; Cholinergic changes; Cognitive impairment; Mk-801

No. 503

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

DOI: 10.1016/j.aquaculture.2019.05.065

Keyword: Performance; Additive; Blood parameters; Enzymatic activity; Intestinal villi

No. 498

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

DOI: 10.1016/j.expneurol.2019.01.013

Keyword: Inflammation; MRI; Multiple sclerosis; EAE; Leptomeningeal enhancement

No. 500

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

DOI: 10.1016/j.exer.2019.03.020

Keyword: Choroidal neovascularization; Laser; Monkey

No. 502

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

DOI: 10.1016/j.heliyon.2019.e02475

Keyword: Toxicology; Neuroscience; Manganese; Behavioral neuroscience; Dose-response relationship; Ephedrone; Methcathinone; Nervous system; Neurotoxicology; Toxic parkinsonism

No. 504

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

DOI: 10.1016/j.micpath.2019.103649

Keyword: Inflammation; Disease pathogenesis; Fungal disease; Natural infection; Saprolegniosis

No. 505

Fuentes-Castillo, Danny; Farfán-López, Mariella; Esposito, Fernanda; Moura, Quézia; 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

DOI: 10.1016/j.scitotenv.2019.04.149

Keyword: Antibiotic resistance; Wildlife; Heavy metals;

No. 507

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

DOI: 10.1016/j.beproc.2019.06.003

Keyword: Growth; Behaviour; Foraging; Incubation temperature; Lizard; Reptile

No. 509

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

DOI: 10.1016/j.applanim.2019.02.002

Keyword: Pasture; Dairy cow; Feed restriction; Lying

No. 511

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

DOI: 10.3168/jds.2018-15231

Keyword: genomic prediction; across-breed prediction; multibreed prediction; prediction accuracy; reference population

No506

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

DOI: 10.1016/j.applanim.2019.04.001

Keyword: Pigs; Heart rate variability; Heart rate; Cardiac parameters; Exploratory behaviour; Novel object test

No. 508

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

DOI: 10.1016/j.fct.2019.05.043

Keyword: Toxicity; Antioxidant; Bioactive contents; Enzyme inhibition

No. 510

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

DOI: 10.1016/j.neuropharm.2018.11.021

Keyword: Depression; Stress; Memantine; MR spectroscopy; Psychosis

No. 512

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

DOI: 10.1016/j.jid.2019.03.1145

Keyword:

No. 513

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

DOI: 10.1016/j.tvjl.2019.105397

Keyword: Sow; Welfare; Blood samples; Labour; Mammary vein

No514

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

DOI: 10.1016/j.ijdevneu.2019.02.004

Keyword: Pain; Neonatal pain; Newborn; Rat pups; Repetitive pain

No. 515

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

DOI: 10.1016/j.brainres.2019.146408

Keyword: Hypothalamus; Acetylcholinesterase enzyme; Experimental hydrocephalus; Neuroendocrine dysfunction

No. 516

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

DOI: 10.1016/j.yhbeh.2019.03.004

Keyword: Environmental enrichment; Dendritic remodeling; Adolescent stress; Cognition exercise

No. 517

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

DOI: 10.1016/j.vetmic.2019.07.006

Keyword: RT-PCR; Ethiopia; Lineage III; Lineage IV; Peste des Petits Ruminants virus; Phylogenetic analysis

No. 518

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

DOI: 10.1016/j.anireprosci.2019.106125

Keyword: Feline; Cloned offspring; Cloning efficiency; Cytoplasm injection cloning technology; Somatic cell nuclear transfer

No. 519

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

DOI: 10.1016/j.jtherbio.2019.05.028

Keyword: Rat; Cytokines; Lipopolysaccharide; Fever; High mobility group box protein 1; Turpentine

No. 520

Zhou, Sifan; Chen, Jing; Lai, Yunsong; Yin, Guohua; Chen, Peilin; Pennerman, Kayla K.; Yan, Haidong; Wu, Bingchao; Zhang, Huan; Yi, Xianfeng; Wang, Chengran; Fu, Maojie; Zhang, Xinquan; Huang, Linkai; Ma, Xiao; Peng, Yan; Yan, Yanhong; Nie, Gang; Liu, Lin

Integrative analysis of metabolome and transcriptome reveals anthocyanins biosynthesis regulation in grass species *Pennisetum purpureum*

Industrial Crops and Products: v.138, 2019 : P. 111470

DOI: 10.1016/j.indcrop.2019.111470

Keyword: RNA-Seq; Anthocyanins; cv. Mott; cv. Purple; LC-MS

No. 521

Yamanaka, K.; Inoue, S.; Naito, Y.; Kawaguchi, M.

Amiodarone does not affect brain injury in a rat model of transient forebrain ischemia

Medicina Intensiva (English Edition): v.43, 2019 : P. 457-463

DOI: 10.1016/j.medine.2018.05.019

Keyword: Amiodarona; Amiodarone; Brain ischemia; Isquemia cerebral; Reanimación; Resuscitation

No522

Torres, R.N.S.; Silva, H.M.; Donadia, A.B.; Menegazzo, L.; Xavier, M.L.M.; Moura, D.C.; Alessi, K.C.; Soares, S.R.; Ogunade, I.M.; Oliveira, A.S.

Factors affecting drinking water intake and predictive models for lactating dairy cows

Animal Feed Science and Technology: v.254, 2019 : P. 114194

DOI: 10.1016/j.anifeedsci.2019.05.017

Keyword: Milk production; Mathematical models; Nutritional systems

No. 523

Zomorodi, Sanam; Walker, Tony R.

Management Strategies of Free-Roaming Horses in Alberta Compared with Other Jurisdictions

Rangeland Ecology & Management: v.72, 2019 : P. 907-915

DOI: 10.1016/j.rama.2019.07.001

Keyword: feral horse management; free-roaming horses; Indigenous perspectives; Rocky Mountain Forest Reserve (RMFR)

No. 524

Hertel, Anne G.; Leclerc, Martin; Warren, Dan; Pelletier, Fanie; Zedrosser, Andreas; Mueller, Thomas

Don't poke the bear: using tracking data to quantify behavioural syndromes in elusive wildlife

Animal Behaviour: v.147, 2019 : P. 91-104

DOI: 10.1016/j.anbehav.2018.11.008

Keyword: personality; repeatability; activity sensors; brown bear; GPS collar; multivariate mixed model

No. 525

Boonyarattanasoonthorn, Tussapon; Elewa, Yaser Hosny Ali; Tag-El-Din-Hassan, Hassan T.; Morimatsu, Masami; Agui, Takashi

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

DOI: 10.1016/j.meegid.2019.04.019

Keyword: Cytokine; Susceptibility; Cellular immune response; Inbred mouse; Pneumonia

No. 526

Fooladi, Erik; Hopia, Anu; Lasz, Daniel; Arbolea, Juan-Carlos

Chefs and researchers: Culinary practitioners' views on interaction between gastronomy and sciences

International Journal of Gastronomy and Food Science: v.15, 2019 : P. 6-14

DOI: 10.1016/j.ijgfs.2018.11.003

Keyword: Survey; Collaboration; Culinary science; Dialogue; Science and gastronomy; Transdisciplinary

No. 527

Ybañez, Adrian P.; Ybañez, Rochelle Haidee D.; Armonia, Reynald Klint M.; Chico, James Knowell E.; Ferraren, Kevin James V.; Tapdasan, Emerson P.; Salces, Caro B.; Maurillo, Bon Christian A.; Galon, Eloiza May S.; Macalanda, Adrian Miki C.; Moumouni, Paul

First molecular detection of Mycoplasma wenyonii and the ectoparasite biodiversity in dairy water buffalo and cattle in Bohol, Philippines

Parasitology International: v.70, 2019 : P. 77-81

DOI: 10.1016/j.parint.2019.02.004

Keyword: PCR; Ectoparasites; Dairy cattle; Dairy water buffalo

No. 528

Matsuba, T.; Kubozono, H.; Saegusa, A.; Obata, K.; Gotoh, K.; Miki, K.; Akiyama, T.; Oba, M.

Short communication: Effects of feeding purple corn (Zea mays L.) silage on productivity and blood superoxide dismutase concentration in lactating cows

Journal of Dairy Science: v.102, 2019 : P. 7179-7182

DOI: 10.3168/jds.2019-16353

Keyword: oxidative stress; antioxidant; anthocyanin

No. 529

Hewitt, Joshua S.; Karuppannan, Anbu K.; Tan, Swan; Gauger, Phillip; Halbur, Patrick G.; Gerber, Priscilla F.; De Groot, Anne S.; Moise, Leonard; Opriessnig, Tanja

A prime-boost concept using a T-cell epitope-driven DNA vaccine followed by a whole virus vaccine effectively protected pigs in the pandemic H1N1 pig challenge model

Vaccine: v.37, 2019 : P. 4302-4309

DOI: 10.1016/j.vaccine.2019.06.044

Keyword: Pigs; DNA vaccine; Immunoinformatics; Influenza A virus; Intradermal vaccination; Prime boosting; T cell epitope

No. 531

Franco, Nuno Henrique; Gerós, Ana; Oliveira, Liliana; Olsson, I. Anna S.; Aguiar, Paulo

ThermoLabAnimal – A high-throughput analysis software for non-invasive thermal assessment of laboratory mice

Physiology & Behavior: v.207, 2019 : P. 113-121

DOI: 10.1016/j.physbeh.2019.05.004

Keyword: Mice; Infrared thermography; Analysis software; LPS-induced hypothermia; Mean body surface temperature; Temperature variation

No. 533

Campello, Paula L.; Borsanelli, Ana C.; Agostinho, Sabrina D.; Schweitzer, Christiane M.; Gaetti-Jardim Jr., Elerson; Döbereiner, Jürgen; Dutra, Iveraldo S.

Occurrence of periodontitis and dental wear in dairy goats

Small Ruminant Research: v.175, 2019 : P. 133-141

DOI: 10.1016/j.smallrumres.2019.05.004

Keyword: Dairy goat; Dental wear; Periodontitis; Dental biofilm; Gingival recession

No. 535

Zhou, Ligang; Yang, Shugang; Han, Zhaohui; Sun, Lei; Garvie-Lok, Sandra J.

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

DOI: 10.1016/j.ara.2019.100162

Keyword: Eastern Zhou; Human diet; Social stratification; Stable isotope analysis

No530

Yan, Zhenyu; Wang, Chao; Xu, Jiapeng; Huo, Xuexi; Hussain, Qaiser

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

DOI: 10.1016/j.jclepro.2019.01.092

Keyword: Manure management; China; Absorptive capacity; Pig farms; Waste processing method

No. 532

Denis-Robichaud, J.; Kelton, D.F.; Bauman, C.A.; Barkema, H.W.; Keefe, G.P.; Dubuc, J.

Canadian dairy farmers' perception of the efficacy of biosecurity practices

Journal of Dairy Science: v.102, 2019 : P. 10657-10669

DOI: 10.3168/jds.2019-16312

Keyword: motivation; effectiveness; adoption; veterinarian

No. 534

Navarro-Gonzalez, Nora; Fourichon, Christine; Blanquefort, Philippe; Delafosse, Arnaud; Joly, Alain; Ngwa-Mbot, David; Biet, Franck; Boichard, Didier; Schibler, Laurent; Journaux, Laurent; Meens, Eric; Guatteo, Raphael

Longitudinal study of Mycobacterium avium ssp. paratuberculosis fecal shedding patterns and concurrent serological patterns in naturally infected dairy cattle

Journal of Dairy Science: v.102, 2019 : P. 9117-9137

DOI: 10.3168/jds.2018-15897

Keyword: Johne's disease; fecal culture; quantitative PCR

No. 536

Guinn, Jenna M.; Nolan, D.T.; Krawczel, P.D.; Petersson-Wolfe, C.S.; Pighetti, G.M.; Stone, A.E.; Ward, S.H.; Bewley, J.M.; Costa, Joao H.C.

Comparing dairy farm milk yield and components, somatic cell score, and reproductive performance among United States regions using summer to winter ratios

Journal of Dairy Science: v.102, 2019 : P. 11777-11785

DOI: 10.3168/jds.2018-16170

Keyword: management; dairy cattle; benchmark; thermoregulation

No. 537

Czubaszek, Magdalena; Andraszek, Katarzyna; Banaszewska, Dorota

Influence of the age of the individual on the stability of boar sperm genetic material

Theriogenology: v., 2019 : P.

DOI: 10.1016/j.theriogenology.2019.11.018

Keyword: Age; Sperm; Boar; Histone; Protamine

No538

Mestres, G.; Fernandez-Yague, M.A.; Pastorino, D.; Montufar, E.B.; Canal, C.; Manzanares-Céspedes, M.C.; Ginebra, M.P.

In vivo efficiency of antimicrobial inorganic bone grafts in osteomyelitis treatments

Materials Science and Engineering: C: v.97, 2019 : P. 84-95

DOI: 10.1016/j.msec.2018.11.064

Keyword: In vivo; Calcium phosphate cements; Calcium phosphate foams; Drug delivery; Magnesium phosphate cements; Osteomyelitis

No. 539

Musolino, Stefan T.; Schartner, Erik P.; Hutchinson, Mark R.; Salem, Abdallah

Improved method for optical fiber temperature probe implantation in brains of free-moving rats

Journal of Neuroscience Methods: v.313, 2019 : P. 24-28

DOI: 10.1016/j.jneumeth.2018.12.013

Keyword: Brain hyperthermia; optical fiber sensing; Rat model; Stereotaxic operation

No. 540

Schmitt, Michael R.; VanRaden, Paul M.; De Vries, Albert

Ranking sires using genetic selection indices based on financial investment methods versus lifetime net merit

Journal of Dairy Science: v.102, 2019 : P. 9060-9075

DOI: 10.3168/jds.2018-16081

Keyword: financial analysis; genetic merit; lifetime profit; selection index

No. 541

Orth, M.; Baudach, J.; Scheuer, C.; Osche, D.; Veith, N.T.; Braun, B.J.; Rollmann, M.F.; Herath, S.C.; Pohlemann, T.; Menger, M.D.; Histing, T.

Erythropoietin does not improve fracture healing in aged mice

Experimental Gerontology: v.122, 2019 : P. 1-9

DOI: 10.1016/j.exger.2019.04.005

Keyword: Aged mice; Bone healing; Bone turnover; EPO; Fracture healing; Tissue mineral density

No. 542

Zhang, Jun; Shi, Haitao; Li, Shengli; Cao, Zhijun; Yang, Hongjian; Wang, Yajing

Integrative hepatic metabolomics and proteomics reveal insights into the mechanism of different feed efficiency with high or low dietary forage levels in Holstein heifers

Journal of Proteomics: v.194, 2019 : P. 1-13

DOI: 10.1016/j.jprot.2018.12.026

Keyword:

No. 543

Damiaans, Bert; Renault, Véronique; Sarrazin, Steven; Berge, Anna Catharina; Pardon, Bart; Ribbens, Stefaan; Saegerman, Claude; Dewulf, Jeroen

Biosecurity practices in Belgian veal calf farming: Level of implementation, attitudes, strengths, weaknesses and constraints

Preventive Veterinary Medicine: v.172, 2019 : P. 104768

DOI: 10.1016/j.prevetmed.2019.104768

Keyword: Cattle; Questionnaire; Biosecurity; Belgium; Prevention; Veal

No. 544

Rowland, Kaylee; Persia, Michael E.; Rothschild, Max F.; Schmidt, Carl; Lamont, Susan J.

Venous blood gas and chemistry components are moderately heritable in commercial white egg-laying hens under acute or chronic heat exposure

Poultry Science: v.98, 2019 : P. 3426-3430

DOI: 10.3382/ps/pez204

Keyword: GWAS; laying hen; acute heat stress; chronic heat stress; i-STAT

No. 545

Al-Araimi, Nasser Ali; Al-Atiyat, Raed Mahmoud; Luzuriaga-Neira, Augusto; Mahgoub Gaafar, Osman; Kadim, Isam T.; Al-Marzooqi, Waleed; Babiker, Hamza A.; Al-Kindi, Mohammed N.; Al-Ansari, Aliya S.; Al-Lawati, Ali H.; Beja-Pereira, Albano

Genetic structure of Omani goats reveals admixture among populations from geographically proximal sites

Small Ruminant Research: v.178, 2019 : P. 1-6

DOI: 10.1016/j.smallrumres.2019.07.005

Keyword: Conservation; Arabian peninsula; Exotic breeds; Genetic degradation; Native Omani goats

No546

Liu, Y J; Zhao, L H; Mosenthin, R; Zhang, J Y; Ji, C; Ma, Q G

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

DOI: 10.3382/ps/pez227

Keyword: vitamin E; Enteritidis, laying hen; immunity

No. 547

Zhao, Yongxu; Feng, Zhuanghui; Ding, Qiurong

Type 2 Diabetes Variants in the SLC16A11 Coding Region Are Not Loss-of-Function Mutations

Cell Reports: v.29, 2019 : P. 781-784

DOI: 10.1016/j.celrep.2019.09.022

Keyword:

No. 548

Sadeghi, Akram; Asghari, Hadi; Hami, Javad; Mohasel Roodi, Mina; Mostafaei, Hamideh; Karimipour, Mohammad; Namavar, Mohamadreza; Idoon, Faezeh

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

DOI: 10.1016/j.jchemneu.2019.101669

Keyword: Volume; Hippocampus; Maternal diabetes; Neuronal density; Stereology

No. 549

Liu, S.D.; Song, M.H.; Yun, W.; Lee, J.H.; Kim, H.B.; Cho, J.H.

Effect of carvacrol essential oils on immune response and inflammation-related genes expression in broilers challenged by lipopolysaccharide

Poultry Science: v.98, 2019 : P. 2026-2033

DOI: 10.3382/ps/pey575

Keyword: broilers; LPS; immune responses; carvacrol; inflammation

No. 550

Ahasan, Mohammad Shamim; Subramaniam, Kuttichantran; Saylor, Katherine A.; Loeb, Julia C.; Popov, Vsevolod L.; Lednicky, John A.; Wisely, Samantha M.; Campos Krauer, Juan M.; Waltzek, Thomas B.

Molecular characterization of a novel reassortment Mammalian orthoreovirus type 2 isolated from a Florida white-tailed deer fawn

Virus Research: v.270, 2019 : P. 197642

DOI: 10.1016/j.virusres.2019.197642

Keyword: Deer farming; White-tailed deer

No. 551

Akintunde, J.K.; Obisesan, O.O.; Akinsete, S.J.; Adegoke, A.M.

Diet from Mantis religiosa-egg case abolishes pulmonary dysfunctions triggered by sub-acute exposure to aerosolized-petroleum hydrocarbons in rat model

Clinical Nutrition Experimental: v.26, 2019 : P. 44-58

DOI: 10.1016/j.clnex.2019.04.001

Keyword: Diet; Aerosols; egg case; Petroleum hydrocarbons; Pulmonary toxicity

No. 552

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

DOI: 10.1016/j.ijporl.2019.05.002

Keyword: Rabbit; Animal model; Alveolar cleft; Alveolar process cleft; Hard palate cleft

No. 553

Shamipour, Shayan; Kardos, Roland; Xue, Shi-Lei; Hof, Björn; Hannezo, Edouard; Heisenberg, Carl-Philipp

Bulk Actin Dynamics Drive Phase Segregation in Zebrafish Oocytes

Cell: v.177, 2019 : P. 1463-1479.e18

DOI: 10.1016/j.cell.2019.04.030

Keyword: actin comets; actomyosin flows; ooplasmic streaming; phase segregation; zebrafish

No. 555

Zhao, Qin; Yang, Zhao-Si; Cao, San-Jie; Chang, Yung-Fu; Cao, Yu-Qin; Li, Jia-Bing; Yao, Zi-Xuan; Wen, Yi-Ping; Huang, Xiao-Bo; Wu, Rui; Yan, Qi-Gui; Huang, Yong; Ma, Xiao-Ping; Han, Xin-Feng; Wu, Yinglong

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

DOI: 10.1016/j.fct.2019.110577

Keyword: Toxicity; Cadmium; Mice; Aflatoxin B

No. 557

Gu, M.; Cosenza, G.; Iannaccone, M.; Macciotta, N.P.P.; Guo, Y.; Di Stasio, L.; Pauciullo, A.

The single nucleotide polymorphism g.133A>C in the stearoyl CoA desaturase gene (SCD) promoter affects gene expression and quali-quantitative properties of river buffalo milk

Journal of Dairy Science: v.102, 2019 : P. 442-451

DOI: 10.3168/jds.2018-15059

Keyword: gene expression; river buffalo; Sp1 transcription factor; stearoyl-CoA; transcript

No. 559

Mohammadi, Fatemeh; Abedini Esfahlani, Mohsen; Shabani, Mohammad

Erythropoietin ameliorates harmaline-induced essential tremor and cognition disturbances

Neuroscience Letters: v.704, 2019 : P. 153-158

DOI: 10.1016/j.neulet.2019.04.017

Keyword: Cognitive function; Anxiety; Erythropoietin; Essential tremor

No554

Lebron, Isabella de Souza Lima; da Silva, Ligia Furlan; Paletta, Julia Tagliaferri; da Silva, Rafael André; Sant'Ana, Monielle; Costa, Sara de Souza; Iyomasa-Pilon, Melina Mizusaki; Souza, Helena Ribeiro; Possebon, Lucas; Girol, Ana Paula

Modulation of the endogenous Annexin A1 in a cigarette smoke cessation model: Potential therapeutic target in reversing the damage caused by smoking?

Pathology - Research and Practice: v.215, 2019 : P. 152614

DOI: 10.1016/j.prp.2019.152614

Keyword: COPD; Inflammatory mediators; Annexin A1; Tabagism

No. 556

Kim, Kyung Won; Jeong, Jae-UK.; Lee, Kyung-Hwa; Uong, Tung Nguyen Thanh; Rhee, Joon Haeng; Ahn, Sung-Ja; Kim, Sang-Ki; Cho, Duck; Quang Nguyen, Huy Phuoc; Pham, Chanh Tin; Yoon, Mee Sun

Combined NK Cell Therapy and Radiation Therapy Exhibit Long-Term Therapeutic and Antimetastatic Effects in a Human Triple Negative Breast Cancer Model

International Journal of Radiation Oncology*Biology*Physics: v., 2019 : P.

DOI: 10.1016/j.ijrobp.2019.09.041

Keyword:

No. 558

Pahng, Amanda R.; Paulsen, Rod I.; McGinn, M. Adrienne; Farooq, Muhammad A.; Edwards, Kimberly N.; Edwards, Scott

Dysregulation of c-Jun N-terminal kinase phosphorylation in alcohol dependence

Alcohol: v.75, 2019 : P. 11-18

DOI: 10.1016/j.alcohol.2018.04.006

Keyword: Phosphorylation; Prefrontal cortex; Alcohol; c-Jun N-terminal kinase; Dependence

No. 560

Srivastava, Swati; Nataraj, Nishanth Belugali; Sekar, Arunachalam; Ghosh, Soma; Bornstein, Chamutal; Drago-Garcia, Diana; Roth, Lee; Romaniello, Donatella; Marrocco, Ilaria; David, Eyal; Gilad, Yuval; Lauriola, Mattia; Rotkopf, Ron; Kimchi, Adi; Haga, Yuy

ETS Proteins Bind with Glucocorticoid Receptors: Relevance for Treatment of Ewing Sarcoma

Cell Reports: v.29, 2019 : P. 104-117.e4

DOI: 10.1016/j.celrep.2019.08.088

Keyword: glucocorticoid receptor; cancer therapy; Ewing sarcoma; metastasis; protein-fragment complementation

No. 561

Mörlein, Johanna; Meier-Dinkel, Lisa; Gertheiss, Jan; Schnäckel, Wolfram; Mörlein, Daniel

Sustainable use of tainted boar meat: Blending is a strategy for processed products

Meat Science: v.152, 2019 : P. 65-72

DOI: 10.1016/j.meatsci.2019.02.013

Keyword: Animal welfare; Sustainability; Androstenone; Blending; Non-inferiority test; Off-flavor; Pork production; Skatole

No562

Alba, Andrew C.; Strauch, Trista A.; Keisler, Duane H.; Wells, Kevin D.; Kesler, Dylan C.

Using a keratinase to degrade chicken feathers for improved extraction of glucocorticoids

General and Comparative Endocrinology: v.270, 2019 : P. 35-40

DOI: 10.1016/j.ygcen.2018.10.002

Keyword: Stress; Avian; Corticosterone; Feather; Keratinase; Solid-phase extraction

No. 563

Min, Byeng R.; Frank, Abrahamsen; Gurung, Nar; Lee, Jung H.; Joo, Jong W.; Pacheco, Wilmer

Peanut skin in diet alters average daily gain, ruminal and blood metabolites, and carcass traits associated with *Haemonchus contortus* infection in meat goats

Animal Nutrition: v.5, 2019 : P. 278-285

DOI: 10.1016/j.aninu.2019.05.006

Keyword: Carcass; Goats; Tannins; Parasites; Peanut skin

No. 564

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

DOI: 10.1016/j.steroids.2019.05.002

Keyword: Alzheimer disease; Neuroinflammation; Lipopolysaccharide; Neuroprotective Steroids; Parkinson disease; Toxicity studies

No. 565

Kumar, Himansu; Srikanth, Krishnamoorthy; Park, Woncheol; Lee, Seung-Hoon; Choi, Bong-Hwan; Kim, Hana; Kim, Yong-Min; Cho, Eun-Seok; Kim, Jin Hyoung; Lee, Jang Hee; Jung, Ji Yeon; Go, Gwang-woong; Lee, Kyung-Tai; Kim, Jun-Mo; Lee, Jungjae; Lim, Dajeong; P

Transcriptome analysis to identify long non coding RNA (lncRNA) and characterize their functional role in back fat tissue of pig

Gene: v.703, 2019 : P. 71-82

DOI: 10.1016/j.gene.2019.04.014

Keyword: mRNA; DEGs; Korean Native Pig; lncRNAs; qRT-PCR; Yorkshire pig

No. 566

Marty, Pascal R.; Beisner, Brianne; Kaburu, Stefano S.K.; Balasubramaniam, Krishna; Bliss-Moreau, Eliza; Ruppert, Nadine; Mohd Sah, Shahrul Anuar; Ismail, Ahmad; Arlet, Małgorzata E.; Atwill, Edward R.; McCowan, Brenda

Time constraints imposed by anthropogenic environments alter social behaviour in longtailed macaques

Animal Behaviour: v.150, 2019 : P. 157-165

DOI: 10.1016/j.anbehav.2019.02.010

Keyword: stress; anthropogenic environment; human-wildlife interactions; nonhuman primates; social interactions; time constraints

No. 567

Zhang, Chun; Fan, Kai; Luo, Hua; Cheng, Yumei; Lu, Yongxin; Zheng, Jiaxin; Chen, Zhengmin; Xue, Junping; Zhao, Qinghua; Zhang, Min; Ge, Yanyan; Hu, Chunlan; Bai, Yanmin; Yang, Li; Ma, Xuefeng; Chen, Min; Zhao, Zhilong; Shi, Xiaowei

Species and sex differences in the blood clearance and immunogenicity of PEGylated uricase: A comparative 26-week toxicity study in rats and monkeys

Life Sciences: v., 2019 : P. 116892

DOI: 10.1016/j.lfs.2019.116892

Keyword: Sex differences; Pharmacokinetics; Anti-uricase IgG antibody; PEGylated uricase; Species differences

No. 568

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

DOI: 10.1016/j.neuroscience.2019.07.033

Keyword: basal ganglia; cortex; immediate early gene; self-administration; striosome; sucrose

No. 569

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

DOI: 10.1016/j.jtherbio.2019.07.014

Keyword: Heart; Manganese; Anti-apoptotic gene expression; Maternal heat stress; MicroRNA expression; Offspring chick embryo

No570

Piersanti, Rachel L.; Zimpel, Roney; Molinari, Paula C.C.; Dickson, Mackenzie J.; Ma, Zhengxin; Jeong, KwangCheol C.; Santos, José E.P.; Sheldon, I. Martin; Bromfield, John J.

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

DOI: 10.3168/jds.2018-15595

Keyword: dairy cow; animal model; inflammation; clinical endometritis; uterine infection

No. 571

Tuomisto, Leena; Huuskonen, Arto; Jauhiainen, Lauri; Mononen, Jaakko

Finishing bulls have more synchronised behaviour in pastures than in pens

Applied Animal Behaviour Science: v.213, 2019 : P. 26-32

DOI: 10.1016/j.applanim.2019.02.007

Keyword: Bulls; Animal welfare; Pasture; Pens; Synchrony of behaviour; Uninsulated barn

No. 572

Zhang, L.Y.; Liu, S.; Zhao, X.J.; Wang, N.; Jiang, X.; Xin, H.S.; Zhang, Y.G.

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

DOI: 10.3168/jds.2018-15444

Keyword: aflatoxin B; excretion; GG; toxicokinetics

No. 573

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.

DOI: 10.1016/j.rama.2019.09.005

Keyword: adaptive management; contingent probabilities of precipitation; decision making; drought; forage production

No. 574

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

DOI: 10.1016/j.vaa.2019.03.004

Keyword: acupuncture; analgesia; dexmedetomidine; feline; sedation

No. 575

Rahayu, Heni Setyowati Esti; Nasruddin, N.; Nurani, Laela Hayu; Darmawati, Sri; Rohmani, Afiana; Lutfiyati, Heni; Wahyuningtyas, Eka Sakti; Sikumbang, Isabella Meliawati; Muhlisin, Zaenul; Sukeksi, Andri; Nuroini, Fitri; Ishijima, Tatsuo; Sugama, Junko; N

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

DOI: 10.1016/j.cpme.2019.100090

Keyword: ROS; Natural product; PAW; Plasma medicine; RNS;

No. 576

Castañó-Castañó, 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

DOI: 10.1016/j.bbr.2019.111941

Keyword: tDCS; Amblyopia; Long evans; Neuronal plasticity; PET; Stereoscopy

No. 577

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

DOI: 10.1016/j.matpr.2019.11.220

Keyword:

No578

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

DOI: 10.1016/j.anireprosci.2019.106128

Keyword: Cryopreservation; Sperm; Equine; Doppler; Endometritis; Polymorphonuclears cells

No. 579

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

DOI: 10.1016/j.exer.2019.05.023

Keyword: Tree shrew; Adaptive optics; Cone photoreceptors; Megamitochondria; Optical coherence tomography

No. 580

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

DOI: 10.1016/j.brainresbull.2019.01.009

Keyword: Animal model; Parkinson's disease; Degeneration; Axonal reaction; Subcellular structure

No. 581

Huang, Tse-Hung; Wu, Tsung-Han; Guo, Yi-Hui; Li, Tsung-Lin; Chan, Yi-Lin; Wu, Chang-Jer

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

DOI: 10.1016/j.jep.2019.112075

Keyword: Cisplatin; Cachexia; Georgi; Kidney injury; Lung cancer

No. 582

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

DOI: 10.1016/j.exppara.2019.107736

Keyword: Immunohistochemistry; Gene expression; Apicomplexa; Encephalitis; Flow cytometry

No. 583

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

DOI: 10.1016/j.ntt.2018.12.001

Keyword: Anxiety; Open field; Elevated plus-maze; Glutamate transporter; Paraoxon

No. 584

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

DOI: 10.1016/j.actatropica.2018.11.003

Keyword: Antimicrobial resistance; Abattoir; Hygiene; Informal meat sector; Meat safety

No. 585

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

DOI: 10.3168/jds.2019-16403

Keyword: milk; mastitis; microbiota; ewe; immunological analysis; microbiome

No586

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

DOI: 10.1016/j.livsci.2019.07.025

Keyword: Reproductive performance; Sow; Danish system; Feeding strategy; Gestation; North American system

No. 587

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

DOI: 10.1016/j.biocon.2019.05.021

Keyword: Conservation; Biodiversity understanding; Experience of nature; Questionnaire study

No. 588

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

DOI: 10.3382/ps/pez019

Keyword: airborne transmission; animal building arrangement; disinfection; distribution; evaporative cooling pad

No. 589

Jadavji, Nafisa M.; Mosnier, Hannah; Kelly, Erin; Lawrence, Kamaya; Cruickshank, Sarah; Stacey, Sarah; McCall, Adelina; Dhatt, Sandeep; Arning, Erland; Bottiglieri, Teodoro; Smith, Patrice D.

One-carbon metabolism supplementation improves outcome after stroke in aged male MTHFR-deficient mice

Neurobiology of Disease: v.132, 2019 : P. 104613

DOI: 10.1016/j.nbd.2019.104613

Keyword: Supplementation; Neurodegeneration; Homocysteine; Cerebral ischemia; Methylenetetrahydrofolate reductase; Sensorimotor cortex

No. 590

Kurokawa, Shun

The role of generosity on the evolution of cooperation

Ecological Complexity: v.40, 2019 : P. 100778

DOI: 10.1016/j.ecocom.2019.100778

Keyword: Evolution; Cooperation; Evolutionary game theory; Execution error; Generosity; Prisoner's dilemma

No. 591

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

DOI: 10.1016/j.vetmic.2019.108447

Keyword: Immunity; Lipopolysaccharide; glycosyltransferase; Live-attenuated vaccine; Rough phenotype

No. 592

Jatuponwiphat, Theeraphol; Chumnanpuen, 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

DOI: 10.1016/j.micpath.2018.12.013

Keyword: Comparative genomics; Functional modules related to virulence; Iron-associated genes; Protein interaction network

No. 593

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

DOI: 10.3382/ps/pez472

Keyword: albumen; eggshell colour; lysozyme; ovotransferrin; protoporphyrin IX

No594

Pomozi, Viola; Julian, Charnelle B.; Zoll, Janna; Pham, Kevin; Kuo, Sheree; Tókési, Natália; Martin, Ludovic; Váradi, András; Le Saux, Olivier

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

DOI: 10.1016/j.jid.2018.10.040

Keyword:

No. 595

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

DOI: 10.1016/j.lfs.2019.04.027

Keyword: Rat; Spatial memory; Ischemic stroke; TNF- α ; Chrysin; IL-1 β

No. 596

Kumar, Himansu; Park, Woncheoul; Lim, Dajeong; Srikanth, Krishnamoorthy; Kim, Jun-Mo; Jia, Xin-Zheng; Han, Jian-Lin; Hanotte, Olivier; Park, Jong-Eun; Oyola, Samuel O.

Whole metagenome sequencing of cecum microbiomes in Ethiopian indigenous chickens from two different altitudes reveals antibiotic resistance genes

Genomics: v., 2019 : P.

DOI: 10.1016/j.ygeno.2019.11.011

Keyword: Antibiotic resistant gene.; CAZy; eggNOG; Indigenous chicken; KEGG; LEfSe; Microbiome

No. 597

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

DOI: 10.1016/j.physbeh.2019.03.010

Keyword: Impulsivity; Dopamine; Medial prefrontal cortex; IUGR; Orbitofrontal cortex

No. 598

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

DOI: 10.1016/j.freeradbiomed.2018.10.445

Keyword: Oxidative stress; Apoptosis; Lipotoxicity; Diabetic cardiomyopathy; GCN2

No. 599

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

DOI: 10.1016/j.theriogenology.2019.08.008

Keyword: Bulls; Puberty; Beef cattle; Genetic evaluation; Scrotal circumference

No. 600

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

DOI: 10.1016/j.yebeh.2019.05.025

Keyword: Temporal lobe epilepsy; Barnes maze test; Cerebrolysin; Dendritic morphology

No. 601

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

DOI: 10.1016/j.smallrumres.2019.04.004

Keyword: Lactation; Heat stress; Physiology; Drinking behavior; Water restriction

No. 602

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

DOI: 10.1016/j.ejphar.2018.12.033

Keyword: 5/6 nephrectomy; Nicousamide; Proteinuria; Renin; TGF- β 1

No. 603

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

DOI: 10.1016/j.pestbp.2019.01.010

Keyword: Maize; Mycotoxicosis; Mycotoxigenic fungi; Mycotoxins; Surfactin

No. 604

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

DOI: 10.1016/j.livsci.2019.103839

Keyword: Cortisol; qPCR; hsp60; hsp70; hsp90; Rectal temperature

No. 605

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

DOI: 10.1016/j.brat.2019.103417

Keyword: Innovation; Clinical trial design; Intervention development; Intervention implementation; Research waste

No. 606

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.

DOI: 10.1016/j.pathophys.2019.08.001

Keyword: Obesity; Feed intake; Adiposity; Anthropometric variables; High fat diets; Sexual dimorphism

No. 607

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

DOI: 10.1016/j.buildenv.2019.106238

Keyword: Adaptive neuro fuzzy inference system (ANFIS); Energy balance equation (EBE); Energy consumption; Indoor air temperature; Pig building

No. 608

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

DOI: 10.1016/j.toxlet.2019.08.010

Keyword: Antioxidant; Extracellular matrix; Heart; Fetal alcohol spectrum disorder; Hypertrophy; Neonatal heart; Neonate

No. 609

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

DOI: 10.3382/ps/pez298

Keyword: protection; invasion; molecular docking; peptide

No610

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

DOI: 10.1016/j.yebeh.2018.11.034

Keyword: Heart rate variability; Telemetry; Epilepsy; Circadian rhythm; Ictal bradycardia; Kindling model

No. 611

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

DOI: 10.1016/j.ecoenv.2019.03.043

Keyword: Chickens; Differentially expressed miRNAs; Thiram; Tibial dyschondroplasia; Toxicological functions

No. 612

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

DOI: 10.3168/jds.2018-15506

Keyword: antibiotics; calf; microbial community; ruminal fermentation

No. 613

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

DOI: 10.1016/j.vetpar.2019.108991

Keyword: Diclazuril; Eukaryotic elongation factor 2; Second-generation merozoites

No. 614

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

DOI: 10.3168/jds.2018-15448

Keyword: amino acids; Cornell Net Carbohydrate and Protein System; Fermenten; microbial growth; rumen protozoa

No. 615

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

DOI: 10.1016/j.aquaculture.2019.734290

Keyword: Amidated pleurocidin (PLE(am)); Pleurocidin (PLE); PLG-PLE(am) microparticles; Poly (lactide--glycolide) (PLG); subsp. (PDP)

No. 616

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

DOI: 10.3382/ps/pez120

Keyword: chicken; heat stress; HSP70; feather

No. 617

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

DOI: 10.1016/j.chemosphere.2019.04.172

Keyword: Hepatotoxicity; DEHP; Heat shock proteins; Heat shock response; Heat shock transcription factors

No618

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

DOI: 10.1016/j.alit.2018.07.005

Keyword: Epidemiology; Pollen; Sensitization; Allergen; House dust mite

No. 619

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

DOI: 10.1016/j.jtherbio.2019.03.004

Keyword: Dog; Infrared thermography; Body surface temperature; Hair cat

No. 620

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

DOI: 10.1016/j.jtherbio.2019.102407

Keyword: Semen; Reproduction; Crossbreeding; Dairy cattle; Thermoregulation; Andrological examination; Girolando

No. 621

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

DOI: 10.1016/j.fct.2019.110763

Keyword: Oxidative stress; Sperm analysis; Developmental toxicology; Reproductive toxicology

No. 622

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

DOI: 10.1016/j.biopha.2019.109032

Keyword: Apoptosis; NF- κ B; AKT; Non-small cell lung cancer; Regorafenib

No. 623

Sawczyn, Tomasz; Stygar, Dominika; Nabrdalik, Katarzyna; Kukla, Michał; Skrzep-Poloczek, Bronisława; Wesołowski, Bartosz; Olszańska, Ewa; Dulaska, 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

DOI: 10.1016/j.peptides.2019.04.001

Keyword: High fat diet; Ileal transposition; Incretines; Metabolic surgery

No. 624

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

DOI: 10.1016/j.anireprosci.2019.106171

Keyword: Freezing; Antioxidant; Bovine; Nano lecithin

No. 625

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.

DOI: 10.1016/j.psj.2019.10.035

Keyword: broiler; nitrogen; essential amino acid; low protein; tight junction

No. 627

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

DOI: 10.1016/j.gene.2019.03.046

Keyword: SNP; Association; Overexpression; RNAi; TNFRSF1A

No. 629

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

DOI: 10.1016/j.fsi.2018.10.039

Keyword: Deoxynivalenol; Intestine; Grass carp (); Immune function

No. 631

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

DOI: 10.1016/j.vprsr.2019.100263

Keyword: Companion animals; Ticks; East Africa; Arthropods; Fleas; Lice

No. 626

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

DOI: 10.1016/j.heliyon.2019.e01195

Keyword: Neuroscience; Endocrinology

No. 628

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.

DOI: 10.1016/j.cryobiol.2019.12.004

Keyword: Cryopreservation; Oxidative stress; Soybean lecithin; Egg yolk; Goat semen

No. 630

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

DOI: 10.3382/ps/pez515

Keyword: calpain; goose muscle; postmortem proteolysis; tenderization

No. 632

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

DOI: 10.1016/j.cmi.2018.07.029

Keyword: Antimicrobial resistance; Vegetables; Diet; Cheese; Crops; Dairy products; Food animals

No. 633

Fotio, A.L.; Nguepi, M.S.D.; Tonfack, L.B.; Temdie, R.J.G.; Nguelefack, 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.

DOI: 10.1016/j.sajb.2019.08.037

Keyword: Acetaminophen; Liver injury; GSH and brain

No634

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

DOI: 10.1016/j.gloenvcha.2019.05.010

Keyword: Nutrition; Water footprint; Dietary change; Food systems; Greenhouse gas emissions; Sustainable diet

No. 635

Zaborowski, Mikołaj Piotr; Lee, Kyungheon; 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

DOI: 10.1016/j.celrep.2019.03.003

Keyword: biomarker; extracellular vesicles; Genotype-Tissue Expression Project; Human Protein Atlas; membrane proteins;

No. 636

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.

DOI: 10.1016/j.jss.2019.10.027

Keyword: Intestine; Digestive system surgical procedures; Mesenteric ischemia; Reperfusion injury

No. 637

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

DOI: 10.1016/j.cyto.2019.154736

Keyword: Cytokines; Immune response; Prolactin,

No. 638

Sun, Y.Y.; Li, J.; Meng, Q.S.; Wu, D.L.; Xu, M.

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

DOI: 10.1016/j.livsci.2019.04.021

Keyword: Cattle; Acidified milk; Butyric acid supplementation; Diarrhea rate; Gastrointestinal tract

No. 639

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

DOI: 10.3382/ps/pez058

Keyword: ducks; curcumin; cytochrome P450; intestinal antioxidation; tissue distribution

No. 640

Sun, Yanyan; Fu, Li; Xue, Fuguang; Li, Yunlei; Xu, Hong; Chen, Jilan

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

DOI: 10.3382/ps/pez212

Keyword: chicken; qRT-PCR; Cyclin F; digital gene expression; sperm motility

No. 641

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

DOI: 10.1016/j.aquaculture.2018.11.007

Keyword: Age at maturity; Daylength; Salmonid; Somatic growth

No642

Petrak, Jiri; Havlenova, Tereza; Krijt, Matyas; Behounek, Matej; Franekova, 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

Biochimica et Biophysica Acta (BBA) - General Subjects: v.1863, 2019 : P. 703-713

DOI: 10.1016/j.bbagen.2019.01.010

Keyword:

No. 643

Zhuang, Liujiang; 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

DOI: 10.1016/j.neuroscience.2018.12.011

Keyword: cross-frequency coupling; freely moving animal; local field potential; multisite recording; respiratory input

No. 644

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

DOI: 10.1016/j.rsma.2019.100782

Keyword: Fatty acid composition; Seafood; Food source; Marine benthonic animal; Origin traceability; Regional difference

No. 645

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

DOI: 10.1016/j.anbehav.2018.11.007

Keyword: personality; energy expenditure; heterothermy; photoresponsiveness; Siberian hamster

No. 646

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

DOI: 10.1016/j.jgar.2018.08.024

Keyword: Dairy cows; Antimicrobial resistance; Molecular typing; Virulence gene

No. 647

Odhah, Mohammed Naji; 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

DOI: 10.1016/j.micpath.2019.103628

Keyword: Female; PCR; Goats; Clinicopathology; mycolic acid; Vital organs

No. 648

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

DOI: 10.1016/j.neuint.2019.03.017

Keyword: Cognition; Behavior; Energy; Stress; Metabolism; Mitochondria

No. 649

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

DOI: 10.1016/j.foodcont.2019.02.034

Keyword: DNA metabarcoding; Food authenticity; Meat mislabeling; Next-generation sequencing (NGS); Species identification

No. 650

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

Journal of Dairy Science: v.102, 2019 : P. 11504-11522

DOI: 10.3168/jds.2019-16543

Keyword: environment; diet formulation; goal programming; water usage

No. 652

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

DOI: 10.1016/j.jveb.2019.03.006

Keyword: welfare; behavior; health; heart rate; dairy goat; SRLV

No. 654

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

DOI: 10.1016/j.vaa.2019.04.006

Keyword: butorphanol; analgesia; feline; hydromorphone; naloxone; opioid

No. 656

Saleh, Meriam N.; Lindsay, David S.; Leib, Michael S.; Zajac, Anne M.

Giardia duodenalis assemblages in cats from Virginia, USA

Veterinary Parasitology: Regional Studies and Reports: v.15, 2019 : P. 100257

DOI: 10.1016/j.vprsr.2018.100257

Keyword: Cats; Assemblage; Genotyping

No. 651

LaSarge, Candi L.; Pun, Raymund Y.K.; Gu, Zhiqing; Santos, Victor R.; Danzer, Steve C.

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

DOI: 10.1016/j.expneurol.2019.113029

Keyword: Dentate gate; Dentate granule cell; mTOR; Neurolucida; PTEN; Soma area; Somatic hypertrophy

No. 653

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

DOI: 10.1016/j.bbr.2019.112087

Keyword: Motivation; Locomotor activity; Females; Homeostasis; Progressive ratio; Sigma receptor

No. 655

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

DOI: 10.1016/j.anbehav.2019.08.018

Keyword: fission–fusion; giraffe; seasonal comparison; social networks; social structure; sociality; temporal stability

No. 657

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

DOI: 10.3382/ps/pez443

Keyword: egg quality; laying hen; fluoride; laying performance; tissue retention

No658

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

DOI: 10.3382/japr/pfz086

Keyword: egg production; magnesium; perches; pullets; skeletal development

No. 659

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

DOI: 10.1016/j.ejop.2019.02.005

Keyword: Epidemiology; Phylogeny; Rodentia; Molecular analyses

No. 660

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

DOI: 10.1016/j.jclepro.2019.01.008

Keyword:

No. 661

Lau, Adeline A.; Hopwood, John J.; Hemsley, Kim M.

Canine adenoviral vector-mediated gene transfer to the guinea pig brain

Gene Reports: v.16, 2019 : P. 100432

DOI: 10.1016/j.genrep.2019.100432

Keyword: Brain; Guinea pig; Biodistribution; Canine adenovirus; Gene therapy; Green fluorescent protein

No. 662

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

DOI: 10.1016/j.euroneuro.2018.10.011

Keyword: Probiotics; Animal model; Depression; Gut microbiota; 16s rRNA amplicon sequencing; Gut-brain axis

No. 663

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

DOI: 10.1016/j.ecoenv.2019.03.006

Keyword: Flowback and produced water; Hydraulic fracturing; Phototactic behavior

No. 664

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

DOI: 10.1016/j.saa.2019.117630

Keyword: Intestine digestion; Model forages; Protein molecular structure and conformation; Rumen degradation; Truly absorbed protein supply; Univariate and multivariate

No. 665

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

DOI: 10.1016/j.jsxm.2019.05.018

Keyword: Activity-based training; Ex copula sexual reflex; Locomotor training; Penile dorsiflexion reflex

No666

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

DOI: 10.1016/j.gene.2018.12.054

Keyword: Animal model; Apoptosis; Akt/mTOR; Cell cycle; HBx

No. 667

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

DOI: 10.1016/j.gloenvcha.2019.05.006

Keyword: productivity; cattle; deforestation; Brazil; Amazon; confinements; feedlots; intensification

No. 668

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

DOI: 10.1016/j.anifeedsci.2019.114369

Keyword: Selenium; Oxidative stress; Chicken embryo; Diquat; Selenomethionine

No. 669

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

DOI: 10.1016/j.applanim.2019.104835

Keyword: Behaviour; Cortisol; Animal welfare; Stress; Acclimation; Brown trout; Skin pigmentation

No. 670

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

DOI: 10.3382/ps/pez438

Keyword: growth performance; - and -methionine; feather trait; Pekin ducks

No. 671

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

DOI: 10.1016/j.genrep.2019.100379

Keyword: Heritability; SVM; Genomic selection; QTL

No. 672

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

DOI: 10.1016/j.applanim.2019.03.007

Keyword: Reproduction; Behaviour; Welfare; Handling stress; Neovison vison; Relocation

No. 673

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

DOI: 10.1016/j.jcpa.2019.10.006

Keyword: inflammation; Florida manatee; serum iron concentration; total iron binding capacity

No674

Abdelfattah, Essam; Vezzoli, Giuseppe; Makagon, Maja M.

On-farm welfare assessment of commercial Pekin ducks: a comparison of methods

Poultry Science: v., 2019 : P.

DOI: 10.1016/j.psj.2019.10.006

Keyword: welfare assessment; individual sampling; loadout; Pekin duck; transect walks

No. 675

Domaradzki, Piotr; Florek, Mariusz; Skątecki, 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

DOI: 10.1016/j.meatsci.2018.12.005

Keyword: Fatty acid composition; European beaver; Lipid oxidation; Nutritional quality; Skeletal muscles

No. 676

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

DOI: 10.1016/j.jas.2019.05.002

Keyword: Bronze age; Geometric morphometrics; Zooarchaeology; Central Asia; Pastoralism; Three-dimensional digitisation

No. 677

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

DOI: 10.1016/j.procs.2019.09.308

Keyword: machine learning; cascade AdaBoost classifier; computer vision; local binary patterns; mice behavioural pattern detection

No. 678

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

DOI: 10.1016/j.gene.2018.11.060

Keyword: Human; Dog; Periodontal Disease; Polymorphisms; Toll-like receptor 9

No. 679

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

DOI: 10.3168/jds.2019-16245

Keyword: calculation method; interval; methane emission; respiratory chamber

No. 680

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

DOI: 10.1016/j.livsci.2018.11.010

Keyword: Growth rate; Hybrid; Mussel-meal; Organic production; Welfare quality

No. 681

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

DOI: 10.1016/j.smallrumres.2019.03.013

Keyword: Haemonchus contortus; Barberpole worm; Grass; L3; Legum; Pasture larval counts

No682

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

DOI: 10.1016/j.envint.2019.104965

Keyword: Antibiotic resistance genes; Gut microbiota; Azoxystrobin; Fungicide

No. 683

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

DOI: 10.3382/ps/pez189

Keyword: LPS; laying chicken; maternal stimulus; offspring; Poly(I: C)

No. 684

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

DOI: 10.1016/j.jphs.2018.11.009

Keyword: Exercise; Aging; Neurosteroid; Acute pain; Allopregnanolone

No. 685

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

DOI: 10.1016/j.jneumeth.2018.09.027

Keyword: Spinal cord injury; Reactive astrocytes; NG2 proteoglycans; slice culture; Stab injury; Transection injury

No. 686

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

DOI: 10.1016/j.npep.2018.09.006

Keyword: Cytokines; BDNF; Hypercaloric diet; Obesity; Feeding behavior

No. 687

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

DOI: 10.1016/j.micpath.2019.04.007

Keyword: Oxidative stress; Disease pathophysiology; Fish disease; Lipid damage; Reactive oxygen species

No. 688

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

DOI: 10.1016/j.pharep.2018.10.001

Keyword: Oxidative stress; Ovariectomy; Learning and memory; Ascorbic acid

No. 689

Girardi, Fabricia Modolo; da Fonseca, Leandro Abreu; Ribeiro Filho, José Dantas; Souto, Pollyanna Cordeiro; Ferreira, Dayana Aleria 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

DOI: 10.1016/j.jevs.2019.102810

Keyword: Inflammation; Biomarkers; Acute-phase response; obesity

No. 691

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.

DOI: 10.1016/j.ijpara.2019.11.002

Keyword: Toxoplasmosis; Swine; IgA; Saliva; Cotton rope; IgG

No. 693

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

DOI: 10.1016/j.brainresbull.2019.04.021

Keyword: Cognitive impairment; Decision-making; Early response genes; Social competition

No. 695

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

DOI: 10.1016/j.physbeh.2019.04.015

Keyword: Hypothalamus; Brain; Thermoregulation; Spice; TRPV1

No. 690

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

DOI: 10.3168/jds.2018-15191

Keyword: autoregressive test-day model; Holstein cattle; single-step genomic BLUP

No. 692

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

DOI: 10.1016/j.nutres.2018.11.001

Keyword: Learning; BDNF; Aging; Anxiety; Carnosine

No. 694

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

DOI: 10.1016/S2095-3119(18)62049-0

Keyword: broiler; relative humidity; acute moderate temperature; chronic moderate temperature; droppings' corticosterone metabolites

No. 696

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

DOI: 10.1016/j.heares.2019.04.016

Keyword: Guinea pig; ABR; Hearing; Linear mixed model; Noise-induced threshold shifts; Outbred; Sex

No. 697

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

DOI: 10.1016/j.dci.2019.02.004

Keyword: Vaccination; Chicken; IBV; Immune correlates; MHC haplotypes; Monocyte MHC-II expression

No698

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

DOI: 10.1016/j.aquaculture.2018.09.058

Keyword: Genetic sensitivity; Heterogeneity variance; Random regression models; Reaction norms

No. 699

Kokoszynski, Dariusz; Arpašová, Henrieta; Hrnčar, Cyril; Žochowska-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.

DOI: 10.1016/j.psj.2019.09.003

Keyword: meat quality; carcass composition; genetic resource; spent duck

No. 700

Heyman, Yael; Vilks, Yael; Feinerman, Ofer

Ants Use Multiple Spatial Memories and Chemical Pointers to Navigate Their Nest

iScience: v.14, 2019 : P. 264-276

DOI: 10.1016/j.isci.2019.04.003

Keyword: Biological Sciences; Entomology; Wildlife Behavior

No. 701

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

DOI: 10.1016/j.jevs.2019.05.020

Keyword: Exercise; Performance; Heart rate; Marcha tests

No. 702

Jasaszwilli, 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

DOI: 10.1016/j.mce.2019.110532

Keyword: Differentiation; Proliferation; Adipogenesis; 3T3-L1; Adropin; Enho; Preadipocytes

No. 703

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

DOI: 10.1016/j.limno.2019.125717

Keyword: Feeding behavior; Diet composition; Invasive alien species (IAS); Red swamp crayfish; Stomach degree of fullness (SDF); Trophic ecology

No. 704

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.

DOI: 10.1016/j.surg.2019.09.024

Keyword:

No. 705

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

DOI: 10.1016/j.cimid.2019.03.003

Keyword: Sheep; Goats; Cattle; Seroprevalence; Q fever; Risk factors; Milk excretion

No706

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

DOI: 10.1016/j.brainres.2019.04.033

Keyword: Oxidative stress; Apoptosis; Neuropathic pain; Glia; Adenosine A1 receptors; Allopurinol; Xanthine oxidase inhibitor

No. 707

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

DOI: 10.3382/ps/pez539

Keyword: colorimeter; grayscale recognition; hen; scoring method; translucent eggshell

No. 708

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

DOI: 10.1016/j.biosystemseng.2019.04.021

Keyword: Chewing pattern; Electronic instrumentation; Intake prediction; Precision livestock farming (PLF); sEMG; Signal processing

No. 709

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

DOI: 10.1016/j.livsci.2019.09.013

Keyword: Growth; Crossbreeding; Biological pathways; Composite; Genome-wide association; Tropical beef cattle

No. 710

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

DOI: 10.1016/j.repbio.2019.10.001

Keyword: Spermatozoa; Acrosome reaction; Capacitation; Male fertility; Rab proteins

No. 711

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

DOI: 10.3382/ps/pez046

Keyword: hatchability; intestinal morphology; carcass traits; histidine; in ovo injection; pigeon

No. 712

Li, Ang; Stokral, 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

DOI: 10.1016/j.scitotenv.2019.07.306

Keyword: Nutrients; Manure management; China; Coastal eutrophication; MARINA 1.0 model; River pollution

No. 713

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.

DOI: 10.1016/j.procbio.2019.11.010

Keyword: Anti-wrinkle effect; Horse bone hydrolysates; Horse oil; Transepidermal water loss; UV-B

No714

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

DOI: 10.1016/j.acthis.2019.06.010

Keyword: Apoptosis; Pig; Testis; Cryptorchidism; Germ cell

No. 715

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

DOI: 10.3168/jds.2018-15527

Keyword: dairy calf; mortality; phenotype; postmortem; typhlitis

No. 716

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.

DOI: 10.1016/j.psj.2019.10.003

Keyword: egg quality; antioxidant; powder; productive performance; Zi goose

No. 717

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

DOI: 10.1016/j.antiviral.2019.03.001

Keyword: Ebolavirus; Ferret; Lethal disease; Reston virus

No. 718

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

DOI: 10.1016/j.jep.2019.02.001

Keyword: Streptozotocin; High-fat diet; Diabetes mellitus; Oleaceae; Olive

No. 719

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

DOI: 10.1016/j.anbehav.2019.09.002

Keyword: affiliative interspecies interaction; Atlantic spotted dolphin; bottlenose dolphin; foraging; pectoral fin contact; predator avoidance; social interaction

No. 720

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

DOI: 10.1016/j.jveb.2019.06.004

Keyword: classification; behavior; dog breed groups; problem-solving

No. 721

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

DOI: 10.1016/j.fsi.2019.07.056

Keyword: Probiotics; Immunity; Gut microbiota; Low fishmeal aquafeed; Olive flounder

No. 723

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

DOI: 10.3382/ps/pez398

Keyword: heritability; foot ash; indirect selection trait; phosphorus utilization; tibia ash

No. 725

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

DOI: 10.1016/j.cimid.2019.06.005

Keyword: Tuberculosis; Iran; Allele discrimination; Socio-economic factor; Subtyping

No. 727

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

DOI: 10.3168/jds.2018-14975

Keyword: crossbreeding; dairy cow; herd management

No. 722

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

DOI: 10.1016/j.jtherbio.2018.12.005

Keyword: Aspirin; Carbohydrate-related enzymes and substrates; Experimental diabetes; Heat preconditioning

No. 724

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

DOI: 10.1016/j.bbr.2019.03.025

Keyword: Memory; Histone deacetylase; Histone; Acetylation; Chronic unpredictable stress; Social buffering

No. 726

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

DOI: 10.3382/ps/pez322

Keyword: fermentation; meat quality; turkey; carcass trait; rapeseed cake

No. 728

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

DOI: 10.1016/j.jacpts.2019.07.008

Keyword: fibrosis; heart failure with preserved ejection fraction; neutrophil; seipin; titin

No. 729

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.

DOI: 10.1016/j.psj.2019.11.001

Keyword: heat stress; meat quality; antioxidant capacity; glutamine; Nrf2-Keap1 signaling pathway

No730

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

DOI: 10.3382/japr/pfz097

Keyword: geese; stocking density; growth performance; carcass trait; feather quality; muscle chemical component

No. 731

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

DOI: 10.1016/j.repbio.2019.06.006

Keyword: Heat stress; Corpus luteum; Autophagosome; Implantation sites; Steroidogenic cells

No. 732

Manouze, Houria; Bouchatta, Otmane; Bennis, Mohamed; Sokar, Zahra; Ba-M'hamed, Saâdia

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

DOI: 10.1016/j.epilepsyres.2019.106225

Keyword: Mice; Kainic acid; Anticonvulsant; Neuroprotective

No. 733

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

DOI: 10.3382/ps/pez312

Keyword: gene expression; anti-inflammatory gene; infectious bursal disease virus; pro-inflammatory gene; VP3

No. 734

Kheirabadi, Khabat; Rashidi, Amir

Modelling and genetic evaluation of Markhoz goat growth curve parameters

Small Ruminant Research: v.170, 2019 : P. 43-50

DOI: 10.1016/j.smallrumres.2018.11.017

Keyword: Genetic trend; Environmental effects; Heritabilities; Model fitting; SAEM

No. 735

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

DOI: 10.1016/j.jep.2019.112157

Keyword:

No. 736

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

DOI: 10.1016/j.bbr.2018.05.031

Keyword: Animal model; Depression; Cytochrome oxidase histochemistry; Genetically modified mice; Oxidative metabolism

No. 737

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

DOI: 10.1016/j.repbio.2019.09.008

Keyword: Sheep; IVF; Embryo implantation; Endometrial caruncles; Microarray

No738

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

DOI: 10.1016/j.cell.2019.05.009

Keyword:

No. 739

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

DOI: 10.1016/j.jclepro.2019.01.329

Keyword: Food waste; Circular food system; Feed-food competition; Livestock production; Nutrition security; Resource use efficiency

No. 740

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

DOI: 10.1016/j.anireprosci.2019.03.003

Keyword: Progesterone; Fertility; Oestrous synchronisation

No. 741

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

DOI: 10.1016/j.theriogenology.2018.10.003

Keyword: Goats; IGF-I; bST; Ewes; Follicular dynamics; Plasma levels

No. 742

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

DOI: 10.1016/j.tice.2019.07.009

Keyword: Sepsis; Cell tracking; Cell transplantation; Optical imaging; Umbilical cord blood

No. 743

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

DOI: 10.1016/j.vetmic.2019.06.009

Keyword: Actin organization; LI1035; MAPK

No. 744

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

DOI: 10.3382/japr/pfz014

Keyword: broiler; nutrition; growth performance; phytase; protease

No. 745

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

DOI: 10.3382/ps/pez361

Keyword: performance; laying duck breeders; lipid metabolism; lysine; proteolysis

No746

Lesnak, Joseph; Sluka, Kathleen A

Chronic non-inflammatory muscle pain: central and peripheral mediators

Current Opinion in Physiology: v.11, 2019 : P. 67-74

DOI: 10.1016/j.cophys.2019.06.006

Keyword:

No. 747

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

DOI: 10.1016/j.antiviral.2019.104598

Keyword:

No. 748

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

DOI: 10.1016/j.aninu.2019.07.001

Keyword: Ammonia; Growing pigs; Metabolizable energy; Standardized ileal amino acids; β -mannanase

No. 749

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.; Porrozi, 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

DOI: 10.1016/j.jprot.2019.103492

Keyword: Proteomics; Mass spectrometry; Spleen; Interstitial

No. 750

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

DOI: 10.1016/j.jtherbio.2019.02.020

Keyword: Heat stress; Milk yield; Body surface temperature; Hematological variables; Panting score

No. 751

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

DOI: 10.1016/j.landusepol.2019.104167

Keyword: Livestock production; Eco-environmental program; Grassland condition; Pastoral area; Simultaneous equation model

No. 752

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

DOI: 10.1016/j.micinf.2018.04.005

Keyword: Vaccine; Ebola virus; HLA-A11-restricted epitope

No. 753

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 Pedunculo pontine Nucleus and Primary Motor Cortex in a Rat Model of Parkinson's Disease

Neuroscience: v.404, 2019 : P. 470-483

DOI: 10.1016/j.neuroscience.2019.01.044

Keyword: Parkinson's disease; local field potential; coherence; motor cortex; spike; the pedunculo pontine nucleus

No754

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

DOI: 10.1016/j.jiph.2019.04.014

Keyword: Analgesic; Anti-inflammatory; extract; Oedema; Phytochemicals

No. 755

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

DOI: 10.1016/j.ympev.2019.106577

Keyword: High-throughput sequencing; Guaraná; Microfluidic PCR; Single-copy nuclear markers; Stochastic character mapping

No. 756

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

DOI: 10.1016/j.cbpb.2019.110326

Keyword: Cholesterol; Fatty acid composition; Hypoxia acclimation; Membrane restructuring; Metabolic suppression; Phospholipids

No. 757

Otranto, Domenico; Iatta, Roberta; Baneth, Gad; Cavalera, 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

DOI: 10.1016/j.actatropica.2019.105058

Keyword: Dogs; Vector-borne disease; Cats; Foxes; Iraq; Jackals; sp. MML

No. 758

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

DOI: 10.1016/j.prp.2019.152496

Keyword: Animal model; Non-Compaction of ventricular myocardium (NVM); Retinoic acid (RA)

No. 759

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

DOI: 10.1016/j.anbehav.2019.08.021

Keyword: character displacement; playback experiment; rufous-capped warbler; song variation

No. 760

Fathimoghadam, Hadi; Farbod, Yaghoub; Ghadiri, Ataallah; Fatemi, Rouholah

Moderating effects of crocin on some stress oxidative markers in rat brain following demyelination with ethidium bromide

Heliyon: v.5, 2019 : P. e01213

DOI: 10.1016/j.heliyon.2019.e01213

Keyword: Neuroscience

No. 761

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

DOI: 10.1016/j.celrep.2019.07.078

Keyword: cerebellum; dendritic excitability; functional connectivity; inflammatory cytokines; intrinsic plasticity; microglia; psychomotor behaviors; Purkinje cells; synaptic currents

No. 763

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

DOI: 10.1016/j.ecoinf.2019.05.001

Keyword: Monitoring; Citizen science; Collective sensing; Coral; Great barrier reef; Hybrid system

No. 765

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

DOI: 10.1016/j.applanim.2019.104879

Keyword: Male rats; Play; Positive affective states; Positive animal welfare; Tickling

No. 767

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

DOI: 10.1016/j.cbi.2019.108819

Keyword: Insulin; Diabetes mellitus; Cerebral ischemia; Fructosamine; Middle-aged rats

No762

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

DOI: 10.3168/jds.2018-14953

Keyword: species; mastitis; coagulase-negative species; cow; inter- α -trypsin inhibitor heavy chain 4

No. 764

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

DOI: 10.1016/j.exer.2019.107697

Keyword: Nanoparticles; Bevacizumab; Corneal neovascularization; Human serum albumin; Ocular delivery; Pegylated

No. 766

Pirela, Sandra V.; Bhattacharya, Kunal; Wang, Yun; Zhang, Yipei; Wang, Guanghe; Christophi, Costas A.; Godleski, John; Thomas, Treye; 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

DOI: 10.1016/j.impact.2019.100176

Keyword: Oxidative stress; Inflammation; Engineered nanoparticles; Exposure biology; Laser printer emissions; Lung

No. 768

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

DOI: 10.1016/j.scitotenv.2019.02.211

Keyword: BFRs; Biotransformation; Brominated; PCDD/Fs and PCBs; PFAS; POPs

No. 769

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

DOI: 10.1016/j.jpedsurg.2018.07.011

Keyword: Rat; Animal model; Intestinal anastomosis; Magnetic compression technique; Magnets

No770

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

DOI: 10.1016/j.vprsr.2019.100296

Keyword: Equids; Helminths; Nematoda; Parasitic diseases

No. 771

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

DOI: 10.1016/j.nmni.2019.100589

Keyword: PCR-RFLP; Polymorphisms; REP-PCR

No. 772

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

DOI: 10.3382/ps/pez358

Keyword: meat quality; lipid metabolism; fatty acid composition; perilla seed oil; Yellow-feathered chickens

No. 773

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

DOI: 10.1016/j.injury.2018.12.027

Keyword: Rat; Spinal cord injury; BDNF; Clip compression injury model; Laminin; Self-assembling peptide

No. 774

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

DOI: 10.1016/j.actatropica.2019.105065

Keyword: Epidemiology; and; Flying squirrel

No. 775

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

DOI: 10.1016/j.matpr.2019.06.099

Keyword:

No. 776

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

DOI: 10.1016/j.micpath.2019.103756

Keyword: Experimental method; Microbial biofilm

No. 777

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

DOI: 10.1016/j.fsi.2019.01.032

Keyword: Common carp; Flagellin; Immune protection; Live vector vaccine

No. 779

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

DOI: 10.1016/j.mehy.2019.109353

Keyword: Metabolism; Melatonin; Pregnancy; Offspring; Shift work

No. 781

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

DOI: 10.3382/ps/pey478

Keyword: broiler; growth performance; immune function; respiratory mucosal barrier; spray

No. 783

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

DOI: 10.1016/j.gecco.2019.e00797

Keyword: Acclimation pen; Conservation biology; Eastern box turtle; Reintroduction biology; Wildlife translocation

No778

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

DOI: 10.1016/j.yrtph.2019.104451

Keyword: Genotoxicity; gene mutation assay; micronucleus test; Mutagenicity

No. 780

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

DOI: 10.3382/ps/pez329

Keyword: chicken eggshell; gloss; nanostructure; surface roughness

No. 782

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

DOI: 10.1016/j.jtemb.2019.02.007

Keyword: Liver; Acetaminophen; Copper; Transcriptional network

No. 784

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

DOI: 10.1016/j.brainres.2019.05.015

Keyword: Amygdala rapid kindling; Brainstem; Breathing; Hypercapnia

No. 785

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

DOI: 10.1016/j.jneumeth.2018.10.020

Keyword: Functional outcome; Neurofilaments; Oscillating field stimulation; Reduction of astrogliosis; Spared white matter; Spinal Th9 compression

No786

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

DOI: 10.1016/j.nima.2018.11.095

Keyword: GATE; Position sensitive photomultiplier tube; Scintigraphic small animal imaging; SPECT; Single photon emission

No. 787

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

DOI: 10.3382/ps/pez481

Keyword: Turkey; egg storage; hen's age; poults quality

No. 788

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

DOI: 10.1016/j.bcp.2019.08.009

Keyword: Seizure; Mitochondrial disruption; Neurological deficits; Pentylenetetrazol; Propionate

No. 789

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

DOI: 10.1016/j.aninu.2019.01.001

Keyword: Protein; Digestion; Lysine; Nutrition; Feeding; Genetic mapping

No. 790

Kwon, Sunkuk; Janssen, Christopher F.; Velasquez, Fred Christian; Zhang, Songlin; Aldrich, Melissa B.; Shaitelman, Simona F.; DeSnyder, Sarah M.; Seveck-Muraca, Eva M.

Radiation Dose-Dependent Changes in Lymphatic Remodeling

International Journal of Radiation Oncology*Biophysics: v.105, 2019 : P. 852-860

DOI: 10.1016/j.ijrobp.2019.07.054

Keyword:

No. 791

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

DOI: 10.1016/j.jtbi.2019.02.002

Keyword:

No. 792

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

DOI: 10.1016/j.isci.2019.10.039

Keyword: Transcriptomics; Evolutionary Biology; Phylogenetics

No. 793

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

DOI: 10.1016/j.aninu.2019.05.003

Keyword: Layers; Immunity; Antioxidant ability; Ginger extract; Prostaglandin E

No.794

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

DOI: 10.1016/j.vpoa.2019.100008

Keyword: Milk; ELISA; Diagnosis; Dairy cow; Dictyocaulosis; ROC analysis

No. 795

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

DOI: 10.1016/j.isci.2019.09.005

Keyword: Neuroscience; Biological Sciences; Cell Biology; Cellular Neuroscience

No. 796

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

DOI: 10.1016/j.bbr.2019.112069

Keyword: Alzheimer's disease; Hippocampus; Amyloid- β ; Dementia; Hearing loss

No. 797

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

DOI: 10.1016/j.toxicon.2019.05.006

Keyword: Eryngium; Interleukin-6; Lethal dose 50; Plant extracts; Tumor necrosis factor-alpha; Viper venoms

No. 798

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

DOI: 10.1016/j.physbeh.2019.112640

Keyword: Oxidative stress; Memory; Insulin; Brain; Nitric oxide; Malonedialdehyde

No. 799

Bagheri, Samaneh; Heydari, Ahzdar; Alinaghypour, 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

DOI: 10.1016/j.yebeh.2019.03.038

Keyword: Probiotic; Learning and memory; Kindling; Seizure activity

No. 800

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

DOI: 10.1016/j.repbio.2019.08.003

Keyword: Apoptosis; Insulin; BimEL; Porcine granulosa cells

No. 801

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

DOI: 10.1016/j.toxrep.2019.10.018

Keyword: Toxicity; Antioxidants; *Byrsonima sericea* DC; Gastroprotective; Indomethacin

No802

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

DOI: 10.3382/ps/pey477

Keyword: antimicrobial resistance; chicken meat; transposons; virulence genes

No. 803

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

DOI: 10.1016/j.livsci.2019.07.007

Keyword: Milk; Body weight; Cow; Mid-infrared

No. 804

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

DOI: 10.1016/j.livsci.2019.01.017

Keyword: Cattle; Methane; Modeling; GreenFeed; Respiration chamber

No. 805

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

DOI: 10.1016/j.lfs.2019.03.030

Keyword: Mice; Inflammation; Parkinson's disease; HMGB1; Rosmarinic acid; α -Synuclein

No. 806

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

DOI: 10.1016/j.meatsci.2019.04.004

Keyword: Naturalness; Attitudes; Meat; Cultured meat; Clean meat; Consumer behavior

No. 807

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

DOI: 10.1016/j.molimm.2019.07.020

Keyword: Flow cytometry; Cell surface display; Insect cells; Membrane protein

No. 808

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

DOI: 10.1016/j.bbi.2019.04.042

Keyword: Inflammation; Metabolic syndrome; Obesity; Arginase; Inflammatory cytokines; iNOS; Ly6C; Monocytes; Terbutaline; β 2 adrenergic receptors

No. 809

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

DOI: 10.1016/j.seta.2019.05.001

**Keyword: Biodiesel; Life cycle assessment; Bioethanol;
Greenhouse gas emissions; Coproduct**

No810

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

DOI: 10.1016/j.applanim.2019.03.015

**Keyword: Environmental enrichment; Welfare; Zebrafish;
Habitat preference; Physical activity; Swimming**

No. 811

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

DOI: 10.1016/j.envpol.2019.06.005

**Keyword: Response to light; Silver nanoparticles; Swimming
velocity**

No. 812

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

DOI: 10.1016/j.heliyon.2019.e02611

**Keyword: Food science; Gastrointestinal system; Molecular
biology; Nutrition; Metabolism; High fat diet and obesity;
Nutrient transporters; PKA; PKC; Small intestine**

No. 813

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

DOI: 10.1016/j.omtn.2019.04.028

**Keyword: virus; ferret; host species-specificity; influenza A
virus; miR-1290; miRNA; vimentin; viral ribonucleoprotein;
vRNP**

No. 814

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.

DOI: 10.1016/j.psj.2019.10.002

**Keyword: meat quality; performance; duck;
methylsulfonylmethane**

No. 815

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

DOI: 10.1016/j.prevetmed.2019.01.013

**Keyword: Rabbit; Risk factors; Group housing; Additive
Bayesian network modelling; Pododermatitis; Progression**

No. 816

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

DOI: 10.1016/j.ajpath.2019.05.019

Keyword:

No. 817

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

DOI: 10.1016/j.geoderma.2019.01.037

Keyword: CEMC soil model; Cs; Effective dose; Soil-to-plant transfer factor; Time to crop

No818

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

DOI: 10.1016/j.biosystemseng.2019.10.008

Keyword: Near infrared spectroscopy; Adaptive cluster sampling; Automatic control system; Geostatistics; Kriging; Real-time surveillance

No. 819

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

DOI: 10.1016/j.ijbiomac.2019.08.180

Keyword: Oxidative damage; Cloudy apple juice; Cyclooxygenase-2; Diethylnitrosamine; Hepatic injury; Inducible nitric oxide synthase

No. 820

Atış, Müge; Akcan, Uğur; Uğur Yılmaz, Canan; Orhan, Nurcan; Düzgün, Poyraz; Deniz Ceylan, Umut; Arıcan, Nadir; Karahüseyinoğlu, Serçin; Nur Şahin, Gizem; Ahışalı, 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

DOI: 10.1016/j.brainres.2019.03.024

Keyword: Acute hypertension; Blood-brain barrier; Caveolin-1; Claudin-5; Horseradish peroxidase; Methyl-β-cyclodextrin

No. 821

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

DOI: 10.1016/j.jff.2019.03.032

Keyword: Hypertension; Taurine; Attention deficit hyperactivity disorder (ADHD); CD4+CD25+Foxp3+ regulatory T cells; Galectin-3; Horizontal locomotion

No. 822

Prinelli, Federica; Fratiglioni, Laura; Musicco, Massimo; Johansson, Ingegerd; 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

DOI: 10.1016/j.clnu.2018.12.012

Keyword: Cognitive decline; Nutrient-based dietary patterns; Older adults; Population-based cohort study

No. 823

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

DOI: 10.1016/j.vaccine.2017.09.001

Keyword: Kisspeptin; Recombinant vaccine; Reproductive physiology; Sexual behavior

No. 824

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

DOI: 10.1016/j.chemosphere.2019.06.235

Keyword: Ammonia; Risk assessment; Environmental contaminant; Heart injury; PTEN/AKT/mTOR pathway

No. 825

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

DOI: 10.1016/j.intimp.2019.106029

Keyword: T cells; Intestinal microbiota; Arginine; Intestinal immunity; Secretory immunoglobulin A

No826

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

DOI: 10.3382/ps/pez420

Keyword: offspring; breeder hens of yellow-feathered chicken; poultry target of rapamycin; threonine; threonine

No. 827

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

DOI: 10.1016/j.jff.2019.06.005

Keyword: Erythropoietin; Gelatin; Hepcidin; Iron bioavailability; Prolyl-hydroxyproline; Systemic iron homeostasis

No. 828

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

DOI: 10.1016/j.aquaculture.2019.05.061

Keyword: Immunity; Disease pathogenesis; Adenosine

No. 829

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

DOI: 10.1016/j.anifeedsci.2019.114227

Keyword: Digestibility; Pig; Growth performance; Gut microbiota; Conditioning temperature; Sorghum-based diets

No. 830

Widianingrum, Desy Cahya; Noviandi, Cuk Tri; Salasia, Siti Isrina Oktavia

Antibacterial and immunomodulator activities of virgin coconut oil (VCO) against *Staphylococcus aureus*

Heliyon: v.5, 2019 : P. e02612

DOI: 10.1016/j.heliyon.2019.e02612

Keyword: Immunomodulator; Microbiology; Antimicrobial; Virgin coconut oil

No. 831

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

DOI: 10.1016/j.neuro.2019.05.003

Keyword: Mitochondrial biogenesis; Neurogenesis; Methamphetamine; Cognitive deficits; Thyroid hormones

No. 832

Šutulović, Nikola; Grubač, Željko; Šuvakov, Sonja; Jovanović, Đurđa; Puškaš, Nela; Macut, Đuro; Marković, Aleksandra Rašić; Simić, Tatjana; Stanojlović, Olivera; Hrncić, 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

DOI: 10.1016/j.eplepsyres.2019.03.014

Keyword: Chronic Pelvic Pain Syndrome; Convulsive Seizures; Interleukin 1beta; Interleukin 6; Wistar Rats

No. 833

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

DOI: 10.1016/j.canlet.2019.08.021

Keyword: Glioblastoma; Fibronectin; miR-1; Temozolomide; Tumor suppressor

No834

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

DOI: 10.1016/j.nutres.2018.12.003

Keyword: Nonalcoholic steatohepatitis; Dietary intervention; Low-fat diet; Nonalcoholic fatty liver disease; Quantitative

No. 835

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

DOI: 10.1016/j.advms.2019.04.006

Keyword: Antioxidant; Extracellular matrix; Skin

No. 836

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

DOI: 10.1016/j.nmni.2019.01.001

Keyword: zoonosis; Algeria; dogs; One Health

No. 837

de Souza, Camila Pasquini; Gambeta, Eder; Stern, Cristina Aparecida Jark; Zanoleli, Janaína 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

DOI: 10.1016/j.bbr.2018.09.008

Keyword: Oxidative stress; Diabetes; Anxiety; Antioxidant action; Aversive memory; Generalization

No. 838

Sin, Eunchong; 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

DOI: 10.1016/j.marenvres.2019.01.003

Keyword: Metabolic rate; Sea urchin; Subtidal area; Temperature fluctuation

No. 839

Fahrenholz, A.C.

Best practices: Mixing and sampling

Animal Feed Science and Technology: v.250, 2019 : P. 51-52

DOI: 10.1016/j.anifeedsci.2018.09.017

Keyword: Feed manufacturing; Mixing; Quality assurance

No. 840

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

DOI: 10.1016/j.jff.2019.103540

Keyword: Lipopolysaccharide; Metabolomics; Hepatic injury; Chlorogenic acid; Nuclear magnetic resonance spectroscopy

No. 841

Ibrahim, Essam H.; Kilany, Mona; Mostafa, Osama M.S.; Shaker, Kamel H.; Alshehri, Mohammed; Alsyad, 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

DOI: 10.1016/j.sjbs.2018.08.005

Keyword: Cytokines; Immunity; Plant extract; Tetanus vaccine

No842

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

DOI: 10.1016/j.livsci.2019.103854

Keyword: Digestibility; Native herbage; Oat; Qinghai Tibetan Plateau; retention; Tibetan sheep

No. 843

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

DOI: 10.1016/j.biortech.2019.121582

Keyword: Microbial community; Aquaculture wastewater; Biofloc technology; Denitrification; LED light

No. 844

Mendonça, Débora V.C.; Tavares, Grasielle S.V.; Lage, Daniela P.; Soyer, Tauane G.; Carvalho, Livia 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

DOI: 10.1016/j.biopha.2018.10.143

Keyword: Toxicity; Chemotherapy; 2-(2,3,4-Tri--acetyl-6-deoxy-β--galactopyranosyloxy)-1,4-naphthoquinone;

No. 845

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

DOI: 10.1016/j.archoralbio.2018.10.004

Keyword: Stress; Anxiety; Bone loss; Endodontic; Periapical inflammatory lesion

No. 846

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

DOI: 10.1016/j.applanim.2019.02.008

Keyword: Behaviour; Stress; Qualitative behaviour assessment; Shelter dogs

No. 847

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

DOI: 10.1016/j.abb.2019.108115

Keyword: Albumin overload; Albuminuria; Protein kinase B; Renal disease; Renal sodium excretion; Sodium pump

No. 848

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

DOI: 10.1016/j.isci.2018.12.009

Keyword: Neuroscience; Biocomputational Method; Cognitive Neuroscience

No. 849

Middendorff, L.; Radko, D.; Dünghoef, 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

DOI: 10.3382/ps/pez131

Keyword: amino acid; turkey; hepatic lipidosis

No850

Yoshida, Grazyella M.; Carneiro, 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

DOI: 10.1016/j.ygeno.2018.01.008

Keyword: Heritability; Bias; Pearson's correlation

No. 851

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

DOI: 10.1016/j.pathophys.2019.05.002

Keyword: Metformin; Angiotensin II AT1 receptors; Gestational diabetes mellitus; Irbesartan

No. 852

Rodríguez, 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

DOI: 10.1016/j.heliyon.2019.e01629

Keyword: Zoology

No. 853

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

DOI: 10.3168/jds.2019-16563

Keyword: pegbovigrastim; bacterial killing; endometrial cell; granulocyte; periparturient period

No. 854

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

DOI: 10.1016/j.neuropharm.2019.05.004

Keyword: 5-HT receptor; Resident intruder test; Tryptophan hydroxylase 2

No. 855

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, Lílian 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

DOI: 10.1016/j.ecoenv.2019.03.009

Keyword: Brain; Neuroinflammation; Amazon; Ischemia;

No. 856

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

DOI: 10.3168/jds.2018-16215

Keyword: dairy cow; hoof health; human-animal interaction; track

No. 857

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

DOI: 10.3382/ps/pez020

Keyword: antibody; broiler; carcass characteristics; growth performance; local hatchery

No858

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

DOI: 10.1016/j.anifeedsci.2019.114296

Keyword: Growth; Beef cattle; Essential oils; Carcass characteristics; Liver abscesses

No. 859

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

DOI: 10.1016/j.jpba.2019.05.024

Keyword: Authenticity; Chemometrics; H NMR spectroscopy; Heparin; Manufacturer; Principal component analysis

No. 860

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

DOI: 10.1016/j.micpath.2019.103632

Keyword: Innate immunity; chTLRs; Infectious bursal disease virus; VP2

No. 861

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

DOI: 10.1016/S2095-3119(19)62722-X

Keyword: chicken lymphocyte; immune regulation; lncRNA; NOD-like receptor pathway; REV

No. 862

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

DOI: 10.1016/j.theriogenology.2018.10.032

Keyword: Reproduction; Cattle; Conception rate; Embryonic loss

No. 863

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

DOI: 10.1016/j.anifeedsci.2019.114297

Keyword: Microbial protein; Fat supplementation; Isotopes; Purines; Urinary excretion

No. 864

Pluskowski, Aleksander; Makowiecki, Daniel; Maltby, Mark; Rannamäe, Eve; Löugas, 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

DOI: 10.1016/j.quaint.2018.11.039

Keyword: Animals; Mammals; Zooarchaeology; Fish; Birds; Crusades; Eastern Europe; Livonia; Medieval; Prussia

No. 865

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

DOI: 10.1016/j.anireprosci.2019.02.003

Keyword: Age; Egg-laying curve; Mathematical model; Photoperiod; Yangzhou goose

No.866

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

DOI: 10.3168/jds.2019-16371

Keyword: efficiency; dairy; economic breeding index; intake

No. 867

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

DOI: 10.1016/j.mce.2019.01.025

Keyword: Hippocampus; DNA methylation; Motor enrichment; Sensory enrichment; Steroidogenic enzymes

No. 868

Alkansasbeh, 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

DOI: 10.1016/j.microc.2019.104099

Keyword: Arsenoriboses; HPLC-ICP-MS; Marine algae; Marine animals; Speciation; Zirconia

No. 869

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

DOI: 10.1016/j.heliyon.2019.e02470

Keyword: Agriculture; Oxidative stress; Toxicology; Molecular biology; Genetics; Antioxidant enzymes; Physiology; Zoology; Biotechnology; Cancer research; gpx1; sod1

No. 870

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, Lílian 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

DOI: 10.1016/j.jtemb.2018.09.004

No. 871

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

DOI: 10.1016/j.vetimm.2019.109914

Keyword: Bovine; Genotype; Innate immunity; Lipopolysaccharide

No. 872

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

DOI: 10.3168/jds.2019-16429

Keyword: anti-tumor activity; lactoferrin; α -lactalbumin; β -lactoglobulin

No. 873

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

DOI: 10.1016/j.micpath.2019.103754

Keyword: Macrophages; Immunoprotection; Phagocytosis

No874

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

DOI: 10.1016/j.actatropica.2019.105106

Keyword: Cattle; Small ruminants; FMDV; 3ABC cELISA; NSP; Oman

No. 875

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

DOI: 10.3382/ps/pez203

Keyword: ducks; performance; brooding temperature

No. 876

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.

DOI: 10.1016/j.ydbio.2019.10.028

Keyword: Evolution; Species-specific trait; Sperm duct

No. 877

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

DOI: 10.1016/j.nbd.2019.02.011

Keyword: Microbiota; Microbiome; BACHD; Germ-free; Huntington disease; Myelination; Oligodendrocytes; White

No. 878

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

DOI: 10.1016/j.bbr.2019.03.005

Keyword: Cooperation; Serotonin; Conditional approach; Guppy; Predator inspection

No. 879

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

DOI: 10.1016/j.micpath.2019.103736

Keyword: Liver; Distribution; Influenza A virus; Injury

No. 880

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

DOI: 10.1016/j.gecco.2019.e00726

Keyword: Giant panda grazing livestock; Interspecific disturbance; Landscape effect; Niche partitioning; Species co-occurrence; Wanglang national nature reserve

No. 881

Drozd, 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

DOI: 10.1016/j.bbr.2018.10.003

Keyword: Rat; Ambiguous-cue interpretation; Antidepressant; Behavioural; Cognitive bias; Cognitive flexibility; Feedback sensitivity; Probabilistic reversal learning

No882

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

DOI: 10.1016/j.livsci.2019.04.013

Keyword: Immune response; Foot-and-mouth disease; Fecal microflora; Weaned piglet

No. 883

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

DOI: 10.1016/j.vetmic.2019.03.018

Keyword: Virulence; Phosphorylation; PRRSV; N protein

No. 884

Ferreira, Tatiana H.; Mans, Christoph

Evaluation of neuraxial anesthesia in bearded dragons (*Pogona vitticeps*)

Veterinary Anaesthesia and Analgesia: v.46, 2019 : P. 126-134

DOI: 10.1016/j.vaa.2018.09.001

Keyword: intrathecal anesthesia; lidocaine; lizard; neuraxial anesthesia; reptile; sacrococcygeal

No. 885

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

DOI: 10.1016/j.livsci.2019.03.002

Keyword: SNP; Assignment; Breed purity; Cattle breeds; Genetic test

No. 886

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

DOI: 10.1016/j.ygcen.2019.02.010

Keyword: Stress; Corticosterone; Captivity; Hyperphagia; Migrant

No. 887

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

DOI: 10.1016/j.brainresbull.2018.11.004

Keyword: Locomotion; Prefrontal cortex; Neuronal activity; Methylphenidate; Ritalin

No. 888

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

DOI: 10.3382/ps/pez168

Keyword: chicken; meat-quality trait; regulation mechanism

No. 889

Kilmer, Joseph T.; Rodríguez, Rafael L.

Miniature spiders (with miniature brains) forget sooner

Animal Behaviour: v.153, 2019 : P. 25-32

DOI: 10.1016/j.anbehav.2019.04.012

Keyword: cognition; brain size; miniaturization; Pholcidae; prey searching

No890

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

DOI: 10.1016/j.fochx.2019.100056

Keyword: Food safety; Muscle tissue; Residue screening; SARMS; Selective androgen receptor modulators; UHPLC-MS/MS

No. 891

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

DOI: 10.1016/j.rvsc.2019.02.011

Keyword: Cattle; Morbillivirus; PPR; Small ruminant

No. 892

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

DOI: 10.1016/j.fct.2019.05.046

Keyword: Liver; Histopathology; Placenta; Intoxicating yam; Medicinal plant; Pregnant rats

No. 893

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

DOI: 10.1016/j.jtcvs.2019.01.138

Keyword: cardiomyopathy; heart failure; left ventricle;

No. 894

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

DOI: 10.1016/j.bbr.2019.111928

Keyword: Cognition; Ketamine; Sensitization; Adolescence; Addiction; Locomotor

No. 895

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

DOI: 10.1016/j.dsx.2019.07.019

Keyword: Inflammation; hs-CRP; Liver factors; Obesity and overweight; TGF- β ; Vegetarian diet

No. 896

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

DOI: 10.1016/j.foodchem.2018.12.082

Keyword: Beef aroma; Direct analysis; External control; HS-SPME-GC-MS; Solid food samples; Volatile compounds

No. 897

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

DOI: 10.1016/j.molmet.2019.04.006

Keyword: Glucose uptake; Skeletal muscle; Diurnal rhythms; Insulin action; Insulin signaling; Phosphoproteomics

No. 899

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

DOI: 10.1016/j.vetmic.2018.11.001

Keyword: PCR; abortion; bovine viral diarrhoea virus; Cervid herpesvirus type-1; Cervid Rhadinovirus type-2; Red deer; virus neutralisation test

No. 901

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

DOI: 10.1016/j.scitotenv.2018.11.383

Keyword: Neophobia; Urbanization; Animal personality; Behavioral plasticity; Metal pollution

No. 903

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

DOI: 10.3168/jds.2018-15921

Keyword: disease introduction; disease spread; health management; sanitation

No.898

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

DOI: 10.1016/j.virusres.2018.10.020

Keyword: Encephalomyocarditis virus (EMCV)

No. 900

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

DOI: 10.1016/j.expneurol.2019.04.004

Keyword: Neurodegeneration; Microglia; Spatial learning; Clodronate; Cortical activity; Pediatric TBI

No. 902

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

DOI: 10.1016/j.envpol.2019.113194

Keyword: Cadmium; ROS; Glutathione; Fertilization capacity; Meiotic maturation

No. 904

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

DOI: 10.1016/j.jneumeth.2019.108392

Keyword: Reliability; Cell counting; Isotropic fractionator; Neuron counting

No. 905

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

DOI: 10.1016/j.scitotenv.2019.05.257

Keyword: Toxicity; Dimethyl sulfoxide (DMSO); Ectoine

No906

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

DOI: 10.3382/ps/pez240

Keyword: DNA methylation; duck; telomerase activity; telomere length; TERT

No. 907

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 wolfebaeki*, pups

Animal Behaviour: v.154, 2019 : P. 111-120

DOI: 10.1016/j.anbehav.2019.06.011

Keyword: boldness; development; human approach; novel object; pinniped

No. 908

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

DOI: 10.3382/ps/pey519

Keyword: chicken; protein; iTRAQ; beak deformity; western blot

No. 909

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

DOI: 10.1016/j.chemosphere.2019.124443

Keyword: Keratin; Endogenous level; Enrichment factor; Exogenous contamination; Horn; Trace element

No. 910

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

DOI: 10.3382/ps/pez308

Keyword: chicken; aflatoxin; biomarker; feed safety; mycotoxin

No. 911

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

DOI: 10.1016/j.toxcx.2019.100006

Keyword: Epitope mapping; Ganglioside; Neuron receptor; Neutralizing antibody; Peptide array; Tetanus toxin

No. 912

Niknia, Seddigheh; Kaeidi, Ayat; Hajizadeh, Mohammad Reza; Mirzaei, Mohammad Reza; Khoshdel, Alireza; Hajializadeh, 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

DOI: 10.1016/j.npep.2018.11.001

Keyword: Rat; Apoptosis; Diabetic neuropathy; Nociception; Orexin-A

No. 913

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

DOI: 10.1016/j.vaa.2019.01.005

Keyword: equine; opioid; clinical study; constant rate infusion; Ghent Sedation Algorithm; α -agonist

No914

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

DOI: 10.1016/j.physbeh.2019.112645

Keyword: Body temperature; General activity; Masking; Running wheel; Subterranean rodent; Switch

No. 915

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

DOI: 10.1016/j.antiviral.2019.104571

Keyword: Innate immunity; Antisense lncRNAs; Antiviral defence; Endogenous retroviruses; Epigenetic regulation

No. 916

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

DOI: 10.1016/j.dci.2019.04.004

Keyword: Phagocytosis; C1qDC; Opsonization; Oyster; β -Integrin

No. 917

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

DOI: 10.1016/j.archoralbio.2018.11.024

Keyword: Chewing; Gape cycle; Jaw movements; Lingual nerve denervation; Lingual nerve transection; XROMM

No. 918

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

DOI: 10.1016/j.jtherbio.2019.02.004

Keyword: Body temperature; Lung; Adrenal; Biochemical indicators; Heat sensitivity analysis; Stomach

No. 919

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

DOI: 10.1016/j.bbr.2019.111965

Keyword: serum; Environmental enrichment; BDNF; Hippocampus; proBDNF; Social isolation

No. 920

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

DOI: 10.1016/j.gene.2019.03.044

Keyword: Pig; Genetic variation; miR-192; miR-215; Precursor sequence

No. 921

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.

DOI: 10.1016/j.rvsc.2019.10.003

Keyword: Simmental; Calves; Metabolic profile; Pre-weaning

No922

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

DOI: 10.3382/ps/pey358

Keyword: broilers; aflatoxin B1; liver damage; water-soluble substances of wheat

No. 923

Bohlouli, 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

DOI: 10.3168/jds.2018-15329

Keyword: random regression model; genomic prediction; genotype by environment interaction; temperature-humidity index

No. 924

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

DOI: 10.1016/j.applanim.2019.04.009

Keyword: Grazing; Beef; Accelerometer; Direct observation; Feeding and locomotion behaviour

No. 925

Gowrishankar, S.; Aravind, M.; Sastya, Sushmita; Latha, Bhaskaran Ravi; Azhahianambi, P.; Vairamuthu, S; Jayanthi, C.

Dirofilaria hongkongensis – A first report of potential zoonotic dirofilariosis infection in dogs from Tamil Nadu

Veterinary Parasitology: Regional Studies and Reports: v.18, 2019 : P. 100326

DOI: 10.1016/j.vprsr.2019.100326

Keyword: PCR; Tamil Nadu

No. 926

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

DOI: 10.1016/j.acthis.2019.03.002

Keyword: Sheep; Skin; AngII; Coat color; Hair bulb

No. 927

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

DOI: 10.1016/j.jevs.2019.01.002

Keyword: Horse; Intraocular pressure; Cyclopentolate; Equine ophthalmology; Schirmer tear test; Vertical pupil diameter

No. 928

Zhang, Yanhong; Yu, Yan; Ou, Changbo; Ma, Jinyou; Wang, Qiu Xia; 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

DOI: 10.3382/ps/pez280

Keyword: broiler; betaine; IBDV; methylation

No. 929

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

DOI: 10.1016/j.baae.2019.07.004

Keyword: Rodents; Associational effects; Habitat; Myrmecochory

No930

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

DOI: 10.1016/j.vetmic.2019.07.010

Keyword: Antimicrobial resistance; Pneumonia; Azithromycin; Clarithromycin; Erythromycin

No. 931

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

DOI: 10.3382/ps/pez399

Keyword: muscle fiber; mRNA expression; pigeon; myostatin

No. 932

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 Nellore cattle

Livestock Science: v.230, 2019 : P. 103825

DOI: 10.1016/j.livsci.2019.103825

Keyword: Bayesian inference; Reaction norms; Environmental sensitivity; Phenotypic plasticity

No. 933

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

DOI: 10.1016/j.theriogenology.2019.08.005

Keyword: Donkey; Artificial insemination; Pregnancy rate

No. 934

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

DOI: 10.1016/j.smallrumres.2019.02.015

Keyword: Sheep; Environmental contamination; Drug degradability; Moxidectin

No. 935

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

DOI: 10.1016/j.jchemneu.2019.03.005

Keyword: Alzheimer's disease; Hippocampus; Neurogenesis; ;

No. 936

Ghadiri, Tahereh; Vakilzadeh, Gelareh; Hajali, Vahid; Khodaghali, 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

DOI: 10.1016/j.neulet.2019.134384

Keyword: Progesterone; Apoptosis; Traumatic brain injury; BDNF; Epileptogenesis; Pentylentetrazole

No. 937

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

DOI: 10.1016/j.livsci.2019.09.008

Keyword: Resveratrol; Growth performance; Immune response; Broiler chickens; Intestinal health

No938

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

DOI: 10.1016/j.tox.2019.02.002

Keyword: Dendritic spine; Homer1; Lead (Pb); Sorting nexin 6 (SNX6)

No. 939

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

DOI: 10.1016/j.bbr.2019.01.028

Keyword: Cognition; Dopamine; Frontal cortex; Long-term memory; Synaptic restructuring; Task load

No. 940

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

DOI: 10.1016/j.eplesyres.2019.05.009

Keyword: Pentylentetrazole; Nucleus accumbens; Epilepsy; Amygdala; Electrical stimulation; Hypersynchronism; Neural networks; Non-Periodic; NPS; Seizures

No. 941

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

DOI: 10.1016/j.actatropica.2018.09.014

Keyword: Epidemiological situations; Intermediate hosts; Specific detection; Trematode

No. 942

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

DOI: 10.1016/j.anireprosci.2019.03.008

Keyword: Courtship behaviors; Fertility rate; Goose; Mating behaviors

No. 943

Yang, Liangliang; Wang, Wenxia; Huang, Songlin; Wang, Yu; Wronski, Torsten; Deng, Huaiqing; 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

DOI: 10.1016/j.gecco.2019.e00588

Keyword: Fecal glucocorticosteroid metabolites; Physiological stress

No. 944

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

DOI: 10.1016/j.livsci.2019.03.018

Keyword: Crossbreeding; Grazing; Carcass quality; Growth performance; Organic beef

No. 945

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

DOI: 10.1016/j.ijpara.2019.01.005

Keyword: PCR; Serology; Cattle; Detection; Mouse bioassay

No. 947

Toots, Mart; Yoon, Jeong-Joong; Hart, Michael; Natchus, Michael G.; Painter, George R; Plemper, Richard K

Quantitative efficacy paradigms of the influenza clinical drug candidate EIDD-2801 in the ferret model

Translational Research: v., 2019 : P.

DOI: 10.1016/j.trsl.2019.12.002

Keyword:

No. 949

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

DOI: 10.1016/j.neuroscience.2019.08.044

Keyword: regeneration; cranial nerves; somatotopic; topographical; trigeminal

No. 951

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

DOI: 10.1016/j.foodres.2018.08.078

Keyword: Gene expression; Anti-inflammatory; L; NFkB; PPAR- α ; Protein levels

No946

Nowland, Tanya Louise; van Wettene, 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

DOI: 10.1016/j.applanim.2019.104872

Keyword: Behaviour; Sow; Confinement; Farrowing; Piglet mortality

No. 948

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

DOI: 10.1016/j.psyneuen.2019.104441

Keyword: Autism spectrum disorders; Neuroinflammation; Valproic acid; Sex-specific effects; Sociability

No. 950

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

DOI: 10.1016/j.preghy.2019.10.001

Keyword: Cardiac dysfunction; Echocardiography; Placental ischemia; Preeclampsia; Speckle tracking

No. 952

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

DOI: 10.1016/j.fct.2019.110824

Keyword: Inflammation; Apoptosis; Lead; Autophagy; Fisetin; Synaptic dysfunctions

No. 953

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.

DOI: 10.1016/j.jvoice.2019.11.008

Keyword: Progesterone; Glucocorticoid; NF- κ B; Pregnancy; Dysphonia; MUC5AC

No954

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

DOI: 10.1016/j.micpath.2019.05.003

Keyword: NF- κ B; MAPK; Ginsenoside Rb1; Lung injury

No. 955

Adamovich, Yaarit; Ladeux, 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

DOI: 10.1016/j.cmet.2019.01.007

Keyword: metabolism; carbon dioxide; circadian clocks; metabolic cages; oxygen; phase resetting; respiration; time restricted feeding

No. 956

Yang, Lin; Yuan, Haoran; Yu, Ying; Yu, Nan; Ling, Lili; 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

DOI: 10.1016/j.clim.2019.05.014

Keyword: Macrophage; CD9; Epidermal growth factor receptor; Mimotope; Renal fibrosis

No. 957

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

DOI: 10.1016/j.biombioe.2019.105302

Keyword: Anaerobic digestion; Life cycle assessment; Animal slurry; Economic performance; GHG reduction cost

No. 958

Bellaver, Bruna; Rocha, Andréia S.; Souza, Débora G.; Leffa, Douglas T.; De Bastiani, Marco Antônio; Schu, Guilherme; Lukaszewicz 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

DOI: 10.1016/j.bbi.2019.05.041

Keyword: Glucose; Energy metabolism; Sepsis; Astrocyte; Glutamate; PBMC

No. 959

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

DOI: 10.1016/j.biopha.2019.108618

Keyword: Cardiac hypertrophy; Genistein; Isoproterenol; miR-451; TIMP2

No. 960

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

DOI: 10.1016/j.bja.2019.04.059

Keyword: andexanet alfa; anticoagulants; antidotes; apixaban; coagulation; haemorrhage; trauma

No. 961

Edgley, Duncan E.; Genner, Martin J.

Adaptive Diversification of the Lateral Line System during Cichlid Fish Radiation

iScience: v.16, 2019 : P. 1-11

DOI: 10.1016/j.isci.2019.05.016

Keyword: Animals; Biological Sciences; Zoology; Ecology; Evolutionary Biology

No962

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

DOI: 10.1016/j.livsci.2019.03.007

Keyword: Performance; Energy; Feedlot; Steers; Heifers; Dry matter intake

No. 963

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

DOI: 10.1016/j.foodchem.2018.11.093

Keyword: Fatty acids; Caprine milk; Ovine milk; Semi-extensive production system; Terpenes

No. 964

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

DOI: 10.1016/j.aquaculture.2019.02.006

Keyword: Double-targeted DNA vaccine; Grass carps; Protection; Systemic and intestinal mucosal immunities

No. 965

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

DOI: 10.3168/jds.2018-15495

Keyword: spp.; (sub)clinical mastitis; dairy herd; Poland

No. 966

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

DOI: 10.1016/j.jconrel.2019.01.018

Keyword: Inflammation; Animal model; Microglia; Polymers; Ocular drug delivery

No. 967

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

DOI: 10.1016/j.meatsci.2019.107918

Keyword: Tenderness; Antelope; Aroma; Flavour; Game meat

No. 968

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

DOI: 10.1016/j.algal.2019.101456

Keyword: Fishmeal; Bio-oil; Biogas; Cattle feed; Coccoliths; Techno-economic assessment

No. 969

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

DOI: 10.1016/j.nlm.2019.05.001

Keyword: Reward; Incentive salience; Nucleus accumbens (shell); Sign-tracking; Ventral pallidum

No970

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

DOI: 10.1016/j.ecoenv.2019.01.117

Keyword: Cytotoxicity; Heavy metals; Primary cell

No. 971

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

DOI: 10.1016/j.joms.2019.04.003

Keyword:

No. 972

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

DOI: 10.1016/j.lfs.2019.01.033

Keyword: Heart; -NAME; Chagas disease; Renin-Angiotensin System; Soleus muscle

No. 973

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

DOI: 10.1016/j.applanim.2019.02.005

Keyword: Behaviour; Animal welfare; Farrowing; Organic housing; Outdoor pig production

No. 974

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

DOI: 10.1016/j.pnpbp.2019.03.015

Keyword: Ketamine; Prefrontal cortex; Amygdala; ERKs; SSRI-resistant depression; Traumatic stress levels

No. 975

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

DOI: 10.1016/j.aninu.2019.08.001

Keyword: Deoxynivalenol; extract; Intestinal health; Fosfomycin; Weaned piglets

No. 976

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

DOI: 10.1016/S2095-3119(19)62834-0

Keyword: dairy cows; milk production; heat stress; mammary gland; metabolomics

No. 977

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

DOI: 10.1016/j.livsci.2018.12.017

Keyword: Sheep; Local breeds; Culling; Corsica; Replacement; Thessaly

No978

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

DOI: 10.1016/j.compag.2019.104930

Keyword: Animal occupied zone; Baffle placement; Cross-ventilated barn; Heat and mass transfer; Numerical simulation

No. 979

Nurmaganbetov, Zhangeldy 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

DOI: 10.1016/j.pharep.2019.06.002

Keyword: Catalepsy; Motor deficiency; Neurotoxin; Oligokinesia; Rigidity

No. 980

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

DOI: 10.1016/j.ttbdis.2018.12.002

Keyword: Ticks; China; Greater Khingan mountains; Tick-borne viruses; Virome analysis

No. 981

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

DOI: 10.1016/j.ufug.2019.126573

Keyword: Children; nature connectedness; noticing nearby nature; practitioners' framework; writing task

No. 982

Snak, Alessandra; Serighelli Junior, Gilberto; Von Tonnemann Pilati, Giulia; Czap 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

DOI: 10.1016/j.vetpar.2019.108934

Keyword: Piglets; Neosporosis; Gilts; Mummified

No. 983

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

DOI: 10.3382/ps/pey565

Keyword: broiler; age; bone development; bone phosphorus retention

No. 984

Rajani, Sulail Fatima; Imani, Alireza; Faghihi, Mahdieh; 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

DOI: 10.1016/j.ejphar.2019.01.023

Keyword: Morphine; Chamber dilation; Fibrosis; Left ventricular function; Left ventricular remodeling; Myocardial infarction

No. 985

Kang, Zihong; Zhang, Sihuan; He, Libang; Zhu, Haijing; Wang, Zhen; Yan, Hailong; Huang, Yongzhen; Dang, Ruihua; Lei, Chuzhao; Chen, Hong; Qu, Lei; Lan, Xianrong; 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

DOI: 10.1016/j.theriogenology.2019.07.026

Keyword: Goat; mRNA expression; Litter size; Promoter activity; Insertion/deletion (indel)

No986

Grešlová, Petra; Štych, Přemysl; Salata, Tomasz; Hernik, Józef; Knížková, Ivana; Bičík, Ivan; Jeleček, 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

DOI: 10.1016/j.landusepol.2019.01.008

Keyword: Poland; Agricultural land change; Agroecosystem energy flows; CORINE land cover; Czechia; EROI

No. 987

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

DOI: 10.1016/j.jsg.2018.05.007

Keyword: Cyberinfrastructure; Expert training; Spatial cognition

No. 988

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

DOI: 10.1016/j.applanim.2019.06.008

Keyword: Asynchronous breeding; Litter survival; Mouse welfare; Parental behavior; Perinatal mortality

No. 989

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

DOI: 10.1016/j.ijppaw.2019.04.013

Keyword: Genotyping; Cystic echinococcosis; Drive hunting;

No. 990

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

DOI: 10.1016/j.rvsc.2018.11.018

Keyword: Equine; Dressage; FEI; Founder; Morphology

No. 991

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

DOI: 10.1016/j.toxrep.2019.09.011

Keyword: Toxicity; Biomarkers; Antioxidants; Drugs; Solvent

No. 992

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

DOI: 10.1016/j.envint.2019.105069

Keyword: Environmental microbiota; Indoor microbiota; Temporal variation; Vegetation

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

DOI: 10.1016/j.exer.2019.107825

No. 995

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

DOI: 10.1016/j.jveb.2019.06.001

Keyword: embryonic programming; postweaning

No. 997

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

DOI: 10.1016/j.compag.2019.105019

Keyword: Beef cattle; Infrared thermography; Rectal temperature; Region of interest; Video camera

No. 999

Caroprese, M.; Ciliberti, M.G.; Albenzio, M.; Marino, R.; Santillo, A.; Sevi, A.

Role of antioxidant molecules in milk of sheep

Small Ruminant Research: v.180, 2019 : P. 79-85

DOI: 10.1016/j.smallrumres.2019.07.011

Keyword: Oxidative stress; Antioxidants; Sheep milk; Whey proteins

No994

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

DOI: 10.1016/j.bbr.2019.112009

Keyword: Locomotion; Gene expression; Bile duct ligation; CamKII α ; PKC γ ; Rearing

No. 996

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

DOI: 10.3382/ps/pez498

Keyword: China; infectious bursal disease virus; HN strain; phylogenetic analysis; virulence

No. 998

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

DOI: 10.1016/j.prevetmed.2019.104712

Keyword: ELISA; Cattle; Seroprevalence; Colombia; Surra

No. 1000

Sun, Hua; Cozannet, Pierre; Ma, Rui; Zhang, Lei; Huang, Ya-Kuan; Preynat, Aurélie; Sun, Lv-hui

Effect of concentration of arabinoxylans and a carbohydrase mixture on energy, amino acids and nutrients total tract and ileal digestibility in wheat and wheat by-product-based diet for pigs

Animal Feed Science and Technology: v., 2019 : P. 114380

DOI: 10.1016/j.anifeedsci.2019.114380

Keyword: Enzyme; Nutrient; Pig; Amino acids; Ileal digestibility; Total tract digestibility

INDEKS KATA KUNCI

A

abortion, 1
 acclimation, 1
 acetyl cysteine, 1
 adaptive inflammation, 1
 adipogenesis, 1
 adolescence, 1
 adrenergic receptors, 1
 adropin, 1
 adulteration, 1
 affiliative interspecies interaction, 1
 aflatoxin b, 1
 age, 1
 aging, 1
 agriculture, 1
 allopurinol, 1
 ambiguous-cue interpretation, 1
 amino acid, 1
 ammonia, 1
 amygdala, 1
 anaerobic digestion, 1
 analgesia, 1
 andexanet alfa, 1
 androstenedione, 1
 animal, 1
 animal agriculture, 1
 animal behavior, 1
 animal breeding, 1
 animal evolution, 1
 animal manure, 1
 animal model, 1
 animal models, 1
 animal waste, 1
 animal welfare, 1
 animals, 1
 antibacterial, 1
 antibiofilm, 1
 antibiotic resistance, 1
 antibiotic-resistant bacteria, 1
 antibiotics, 1
 antibody, 1
 anticoagulants, 1
 antidepressant, 1
 antidotes, 1
 antifungal, 1
 anti-inflammatory, 1
 antimicrobial, 1
 antimicrobial resistance, 1
 antioxidant, 1
 antioxidant capacity, 1
 antioxidant enzymes, 1
 antioxidant status, 1

antioxidant system, 1
 antioxidants, 1
 antipredator behaviour, 1
 anxiety, 1
 apixaban, 1
 apoptosis, 1
 aquaculture, 1
 arachidonic acid, 1
 archaeozoology, 1
 arginase, 1
 arginine, 1
 association, 1
 autism, 1
 autophagy, 1
 avian, 1

B

bacteria, 1
 basal metazoa, 1
 beef, 1
 beef cattle, 1
 behavior, 1
 behavioral neuroscience, 1
 behavioral test, 1
 behaviour, 1
 behavioural, 1
 big data, 1
 binary, 1
 bioactive peptide, 1
 biochemistry, 1
 biodistribution, 1
 bioethanol, 1
 biomarker, 1
 biomarkers, 1
 biomass, 1
 biomechanics, 1
 biophysical model(s), 1
 biotechnology, 1
 bipolar disorder, 1
 birds, 1
 body condition score, 1
 body surface temperature, 1
 body temperature, 1
 bone, 1
 bone loss, 1
 bone regeneration, 1
 bottlenose dolphin, 1
 bovine, 1
 bovine respiratory disease, 1
 bovine viral diarrhoea virus, 1
 brain, 1
 broiler, 1
 broiler chicken, 1
 broilers, 1

brown trout, 1
 brucellosis, 1
 bulls, 1

C

cadmium, 1
 calcium, 1
 calcium imaging, 1
 calf, 1
 calves, 1
 cancer, 1
 carbon dioxide, 1
 carbon tetrachloride, 1
 carcass, 1
 carcass characteristics, 1
 carcass composition, 1
 carcass trait, 1
 cardiac dysfunction, 1
 cardiac function, 1
 cardiovascular, 1
 cats, 1
 cattle, 1
 cecal microbiota, 1
 central nervous system, 1
 cerebellum, 1
 cerebral ischemia, 1
 cervid herpesvirus type-1, 1
 cheese, 1
 chemotherapy, 1
 chewing lice, 1
 chicken, 1
 children, 1
 cholesterol, 1
 ciliopathy, 1
 circadian clocks, 1
 cirrhosis, 1
 cisplatin, 1
 citizen science, 1
 classification, 1
 climate change, 1
 clinical trials, 1
 clutters, 1
 coagulation, 1
 coastal, 1
 cognition, 1
 cognitive bias, 1
 cognitive decline, 1
 cognitive flexibility, 1
 cognitive function, 1
 complexity, 1
 confinements, 1
 conservation, 1
 contamination, 1
 cooperation, 1

copper, 1
cortex, 1
corticosterone, 1
cortisol, 1
counterfactual, 1
cow, 1
crops, 1
crossbreeding, 1
cryopreservation, 1
culling, 1
cultural identity, 1
cultured meat, 1
curcumin, 1
curiosity, 1
cyberinfrastructure, 1
cytokines, 1
cytotoxicity, 1

D

dairy, 1
dairy calf, 1
dairy cattle, 1
dairy cow, 1
dairy cows, 1
dairy goat, 1
dairy products, 1
data analysis, 1
data sharing, 1
deforestation, 1
degeneration, 1
demyelination, 1
dendritic excitability, 1
dental wear, 1
dentate granule cell, 1
deoxynivalenol, 1
depression, 1
development, 1
developmental toxicity, 1
diabetes, 1
diabetes mellitus, 1
diet, 1
differentiation, 1
digestibility, 1
disease resistance, 1
distribution, 1
dog, 1
dogs, 1
dopamine, 1
double-decker, 1
duck, 1
ducks, 1

E

eating disorders, 1
ecology, 1
ecosystem engineers, 1
efficiency, 1

egg quality, 1
electrical stimulation, 1
elevated open platform, 1
elevated plus maze, 1
embryofetal, 1
emergence, 1
empathy, 1
endothelin-1, 1
energy, 1
energy metabolism, 1
entropy, 1
environment, 1
environmental contamination, 1
environmental drivers, 1
environmental enrichment, 1
environmental science, 1
environmental toxicology, 1
epidemiology, 1
epilepsy, 1
epileptogenesis, 1
epithelia, 1
equine, 1
erythropoietin, 1
estradiol, 1
ethnoveterinary medicine, 1
ethosuximide, 1
evolution, 1
exercise, 1
exercise training, 1
exposure, 1
extracellular matrix, 1
extracellular vesicles, 1
extract, 1

F

farrowing, 1
fatty acid composition, 1
fatty acids, 1
feather, 1
feed intake, 1
feeding, 1
feeding behavior, 1
feedlot, 1
feedlots, 1
feline, 1
fermentation, 1
ferret, 1
ferritin, 1
fertility, 1
fibrosis, 1
fish, 1
fission–fusion, 1
flow cytometry, 1
fluid percussion injury, 1
food safety, 1
foot-and-mouth disease, 1
foraging, 1

foraging behavior, 1
foxes, 1
functional connectivity, 1
functional observational battery, 1
fungi, 1

G

gene, 1
gene expression, 1
genetic correlation, 1
genetics, 1
genistein, 1
genomic, 1
genomic prediction, 1
genotyping, 1
germ-free, 1
giraffe, 1
glia, 1
glucocorticoid receptor, 1
glutamine, 1
goat, 1
goats, 1
gpx1, 1
grazing, 1
greenhouse gas emissions, 1
group housing, 1
growth, 1
growth performance, 1
guinea pig, 1
gut microbiota, 1

H

haemorrhage, 1
hatchability, 1
health, 1
hearing, 1
heart, 1
heart rate, 1
heart rate variability, 1
heat stress, 1
heavy metals, 1
hematology, 1
hepatic injury, 1
hepatocellular carcinoma, 1
herbal medicine, 1
heritability, 1
high-fat diet, 1
high-throughput sequencing, 1
hippocampus, 1
histology, 1
histone, 1
histone deacetylase, 1
histopathology, 1
homocysteine, 1
horse manure, 1
horses, 1

host species-specificity, 1
hsp60, 1
hsp70, 1
human health, 1
hypersynchronism, 1
hypertension, 1
hypertrophy, 1
hypothalamus, 1
hypothetical, 1

I

identity, 1
imipramine, 1
immune function, 1
immune response, 1
immune responses, 1
immunity, 1
immunomodulator, 1
immunotherapy, 1
impulsivity, 1
in vivo, 1
indigenous chicken, 1
indoleamine 2,3-dioxygenase, 1
infection, 1
infectious bursal disease virus, 1
inflammation, 1
inflammation adaptative, 1
inflammatory cytokines, 1
inflammatory mediators, 1
infrared thermography, 1
innate immunity, 1
insulin, 1
intake, 1
intensification, 1
intestinal health, 1
intestinal microbiota, 1
intestinal morphology, 1
intestine, 1
intraocular pressure, 1
intrinsic plasticity, 1
ischemia, 1, 2, 1

J

jackals, 1

K

kainic acid, 1
ketamine, 1
kindling, 1
kynurenine 3-monooxygenase, 1
kynurenine aminotransferase, 1
kynurenine pathway, 1

L

lactation, 1

landscapes, 1
laying hen, 1
learning and memory, 1
legal issues, 1
linear mixed model, 1
lipid metabolism, 1
lipopolysaccharide, 1
liver, 1
liver function, 1
liver injury, 1
livestock production, 1
lizard, 1
local field potential, 1
locomotion, 1
locomotor activity, 1
locus coeruleus, 1
lung, 1
lysine, 1

M

machine learning, 1
macrophages, 1
malformations, 1
mammals, 1
management, 1
manganese, 1
mapping, 1
marine ecosystems, 1
mass spectrometry, 1
mastitis, 1
mathematical model(s), 1
meat, 1
meat quality, 1
mechanistic modeling, 1
medial prefrontal cortex, 1
medieval, 1
melatonin, 1
membrane proteins, 1
membrane-bound luciferase, 1
memory, 1
mentoring, 1
meta-analysis, 1
metabolic cages, 1
metabolic syndrome, 1
metabolism, 1
metabolizable energy, 1
metabolomics, 1
methamphetamine, 1
methane emission, 1
methcathinone, 1
methods, 1
mice, 1
microbial community, 1
microbial protein, 1
microbiome, 1
microbiota, 1
microglia, 1

milk, 1
milk production, 1
mitochondria, 1
mitochondria biogenesis, 1
model forages, 1
model(s), 1
modeling, 1
molecular biology, 1
molecular modeling, 1
molecular typing, 1
monocytes, 1
morphine, 1
morphometry, 1
motivation, 1
mouse, 1
mri, 1
muscle, 1
muscle atrophy, 1
myelination, 1
myostatin, 1

N

nanoparticles, 1
neonatal heart, 1
neonate, 1
nervous system, 1
network connectivity, 1
neural evolution, 1
neural networks, 1
neurodegeneration, 1
neurofunctional assessment, 1
neurogenesis, 1
neuroinflammation, 1
neuromuscular systems, 1
neuronal activity, 1
neuropathic pain, 1
neuroprotection, 1
neuroscience, 1
neurotrophins, 1
nonalcoholic steatohepatitis, 1
nonhuman primate model, 1
nonhuman primates, 1
non-inferiority test, 1
non-periodic, 1
nucleus accumbens, 1
nutrient digestibility, 1
nutrient transporters, 1
nutrition, 1

O

obesity, 1
occlusions, 1
off-flavor, 1
offspring, 1
oligodendrocytes, 1
one health, 1
open field, 1

open science, 1
opioid, 1
opioids, 1
organophosphates, 1
outbred, 1
ovariectomy, 1
oxidative stress, 1
oxygen, 1

P

palmitoylated fluorescent protein, 1
parasites, 1
pasture, 1
pathogenicity, 1
patient safety, 1
pectoral fin contact, 1
pentylentetrazole, 1
performance, 1
periodontal disease, 1
periodontitis, 1
persistence, 1
personality, 1
phagocytosis, 1
pharmacokinetics, 1
phase resetting, 1
phosphorylation, 1
photoperiod, 1
photoreceptor degeneration, 1
phylogenetic analysis, 1
physiology, 1
pig, 1
pigeon, 1
pigs, 1
placenta, 1
plant extracts, 1
plants, 1
pneumonia, 1
polymorphisms, 1
polyunsaturated fatty acid, 1
porcine, 1
preadipocytes, 1
predator avoidance, 1
prefrontal cortex, 1
pregnancy, 1
prevalence, 1
probiotic, 1
probiotics, 1
productivity, 1
progesterone, 1
proliferation, 1
prophylaxis, 1
protection, 1
protein, 1
proteomics, 1
psychomotor behaviors, 1
public-private partnership, 1

pulmonary arterial hypertension, 1

Q

quantitative susceptibility mapping, 1

R

rabbit, 1
rabbits, 1
rat, 1
rats, 1
reaction norms, 1
reactive astrocytes, 1
recognition, 1
recognition rate, 1
rectal temperature, 1
red deer, 1
reduction, 1
refinement, 1
regeneration, 1
relative humidity, 1
reliability, 1
repeated mild traumatic brain injury, 1
reproduction, 1
reproductive performance, 1
reptile, 1
resilience, 1
resistance, 1
respiration, 1
respiratory disease, 1
resveratrol, 1
retinitis pigmentosa, 1
rheumatoid arthritis, 1
risk, 1
risk assessment, 1
risk factors, 1
rodent, 1
roxarsone, 1
rumen degradation, 1
ruminants, 1

S

safety, 1
safety pharmacology, 1
saliva, 1
seabirds, 1
seafood, 1
seasonal comparison, 1
seizure, 1
seizures, 1
semen, 1
semen quality, 1
sensitivity, 1
sensitization, 1

sepsis, 1
seroprevalence, 1
serotonin, 1
sewage sludge, 1
sex, 1
sex differences, 1
shear force, 1
sheep, 1
skatole, 1
skeletal muscle, 1
skin, 1
sleep deprivation, 1
small intestine, 1
small ruminants, 1
snakes, 1
social behaviour, 1
social housing, 1
social interaction, 1
social networks, 1
social structure, 1
sociality, 1
sod1, 1
soil contamination, 1
sow, 1
spatial learning, 1
spatial learning and memory, 1
spatial memory, 1
speciation, 1
species archetype modelling, 1
species co-occurrence, 1
sperm, 1
sperm count, 1
sperm motility, 1
spermatogenic, 1
spermatozoa, 1
spike, 1
spin, 1
spinal cord injury, 1
spleen, 1
spontaneous recurrent seizure, 1
spp., 1
stab injury, 1
steers, 1
stem cells, 1
stereoscopy, 1
stocking density, 1
stomach, 1
straw provision, 1
strength training, 1
streptozotocin, 1
stress, 1
stress oxydatif, 1
striatum, 1
striosome, 1
stromal cells, 1
subsp., 1
subterranean rodent, 1
sucrose, 1

superior vena cava, 1
supplementation, 1
survey, 1
susceptibility, 1
sustainability, 1
sustainable development, 1
swimming, 1
swine, 1
synaptic currents, 1
synaptic plasticity, 1
synaptic restructuring, 1
systemic iron homeostasis, 1

T

tail movement, 1
tannins, 1
target-controlled infusion, 1
targeted grazing, 1
taurine, 1
telemetry, 1
telomere length, 1
temperature variation, 1
temporal lobe epilepsy, 1
temporal stability, 1
terbutaline, 1
test battery endpoints, 1
testosterone, 1
tetanus toxin, 1
texture, 1
the pedunculopontine nucleus, 1
therapeutics, 1
thermal comfort, 1
thermal stress, 1
thermoregulation, 1
thionamides, 1
threats, 1
tick, 1
ticks, 1
time constraints, 1
time restricted feeding, 1
time to isolation, 1
time-dependent, 1
tissue, 1
tissue mineral density, 1
torrefaction, 1
total airborne bacteria, 1
total tract digestibility, 1
toxicity, 1
toxicity studies, 1
toxicology, 1
toxoplasmosis, 1
trace element, 1
trace mineral, 1
trade-off, 1
trail, 1
transcriptome analysis, 1
transdisciplinary, 1

transection injury, 1
transgenic animals, 1
transglutaminase, 1
translational research, 1
transmission kernel, 1
trauma, 1
traumatic brain injury, 1
treatment schedule, 1
trehalose, 1
trigeminal, 1
trypanosomosis, 1
tumor necrosis factor-alpha, 1
tumorigenicity, 1
turkey, 1
turpentine, 1
type 2 diabetes mellitus, 1

U

ultrasound, 1
uncertainty, 1
uninsulated barn, 1
univariate and multivariate
molecular spectral analyses, 1
urbanization, 1
urine, 1

V

vaccination, 1
vaccine, 1
validity, 1
valproic acid, 1
value orientations, 1
values, 1
veal, 1
vector, 1
vegan, 1
vegetables, 1
vegetarian, 1
vegetarian diet, 1
vegetation manipulation, 1
verapamil, 1
vertical pupil diameter, 1
veterinary medicine, 1
vimentin, 1
viral ribonucleoprotein, 1
virtual laboratories, 1
virtual research environments, 1
virulence, 1
virus, 1
virus neutralisation test, 1
visceral leishmaniasis, 1
vital organs, 1
volatile compounds, 1

W

washing efficiency, 1

waste management, 1
wastewater and sludge, 1
water footprint, 1
welfare, 1
welfare assessment, 1
white blood cells, 1
white matter, 1
wildlife, 1
wildlife conservation, 1
wolf, 1
women, 1
worldviews, 1
wound, 1

X

xanthine oxidase inhibitor, 1
xylazine, 1

Y

yawning, 1
yield, 1

Z

zebrafish, 1
zebu, 1
zinc, 1
zirconia, 1
zoo elephants, 1
zooarchaeology, 1
zoonosis, 1