
Animal Breeding and Genetics

- 965** Comparison of miR-106b, miR-191, and miR-30d expression dynamics in milk with regard to its composition in Holstein and Ayrshire cows
Marina V. Pozovnikova, Viktoria B. Leibova, Olga V. Tulinova, Elena A. Romanova, Artem P. Dysin, Natalia V. Dementieva, Anastasiia I. Azovtseva, Sergey E. Sedych (Russia)
- 982** Multiomics analyses of Jining Grey goat and Boer goat reveal genomic regions associated with fatty acid and amino acid metabolism and muscle development
Zhaohua Liu, Xiuwen Tan, Qing Jin, Wangtao Zhan, Gang Liu, Xukui Cui, Jianying Wang, Xianfeng Meng, Rongsheng Zhu, Ke Wang (China)
- 993** Major histocompatibility complex genes exhibit a potential immunological role in mixed *Eimeria*-infected broiler cecum analyzed using RNA sequencing
Minjun Kim, Thisarani Kalhari Ediriweera, Eunjin Cho, Yoonji Chung, Prabhuddha Manjula, Myunghwan Yu, John Kariuki Macharia, Seonju Nam, Jun Heon Lee (Korea)

Animal Reproduction and Physiology

- 1001** Effect of *Codonopsis pilosula* polysaccharide on the quality of sheep semen preservation at 4°C
Yuqin Wang, Yanhong Zhao, Hua Chen, Tingting Lu, Ruijie Yang, Xiuxiu Weng, Wanhong Li (China)
- 1007** Improving the meiotic competence of small antral follicle-derived porcine oocytes by using dibutyryl-cAMP and melatonin
Jakree Jitjumnong, Pin-Chi Tang (Taiwan)
- 1021** RNA helicase DEAD-box-5 is involved in R-loop dynamics of preimplantation embryos
Hyeonji Lee, Dong Wook Han, Seonho Yoo, Ohbeom Kwon, Hyeonwoo La, Chanhyeok Park, Heeji Lee, Kiye Kang, Sang Jun Uhm, Hyuk Song, Jeong Tae Do, Youngsok Choi, Kwonho Hong (Korea)

Ruminant Nutrition and Forage Utilization

- 1031** Impact of different levels of lactose and total solids of the liquid diet on calf performance, health, and blood metabolites
Gercino Ferreira Virgínio Júnior, Cécile Anna Jeanne Duranton, Marília Ribeiro de Paula, Carla Maris Machado Bittar (Brazil)

Nonruminant Nutrition and Feed Processing

- 1041** *Bacillus subtilis* improves antioxidant capacity and optimizes inflammatory state in broilers
Yu Zhang, Junyan Zhou, Linbao Ji, Lian Zhang, Liying Zhao, Yubing Guo, Haitao Wei, Lin Lu (China)
- 1053** Interaction effects of glycine equivalent and standardized ileal digestible threonine in low protein diets for broiler grower chickens
Paschal Chukwudi Aguihe, Amanda Barroso Castelani, Camilo Ivan Ospina-Rojas, Eustace Ayemere Iyayi, Paulo Cesar Pozza, Alice Eiko Murakami (Brazil)

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- 1065** Effects of dietary mulberry leaves on growth, production performance, gut microbiota, and immunological parameters in poultry and livestock: a systematic review and meta-analysis
Bing Geng, Jinbo Gao, Hongbing Cheng, Guang Guo, Zhaohong Wang (China)
- 1077** Predicting standardized ileal digestibility of lysine in full-fat soybeans using chemical composition and physical characteristics
Chanwit Kaewtapee, Rainer Mosenthin (Thailand)
- 1085** Effect of extrusion on available energy and amino acid digestibility of barley, wheat, sorghum, and broken rice in growing pigs
Ge Zhang, Gang Zhang, Jinbiao Zhao, Ling Liu, Zeyu Zhang (China)
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Animal Products

- 1096** Exploration of nutritional and bioactive peptide properties in goat meat from various primal cuts during *in vitro* gastrointestinal digestion and absorption
Pichitpon Luasiri, Papungkorn Sangsawad, Jaksuma Pongsetkul, Pramote Paengkoum, Chatsirin Nakhathai, Saranya Suwanangul, Sasikan Katemala, Narathip Sujinda, Jukkrapong Pinyo, Jarunan Chainam, Chompoonuch Khongla, Supaluk Sorapukdee (Thailand)
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Animal Behavior and Welfare

- 1110** Welfare assessment traits, milk quantity and quality, and profitability of Anatolian buffalo cows confined in closed-tied or semi-open free-stall barns can be affected by supplementary feeding at milking
İbrahim Cihangir Okuyucu, Ahmet Akdağ, Hüseyin Erdem, Canan Kop-Bozbay, Samet Hasan Abacı, Ali Vaiz Garipoğlu, Esin Hazneci, Nuh Ocak (Türkiye)
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Environment and Management

- 1121** Does calf-mother contact during heat stress period affect physiology and performance in buffaloes?
Nripendra Pratap Singh, Madan Lal Kamboj (India)
- 1130** Heat tolerance of goats to increased daily maximum temperature and low salinity of drinking water in tropical humid regions
Asep Indra Munawar Ali, Sofia Sandi, Lili Warly, Armina Fariani, Anggriawan Naidilah Tetra Pratama, Abdullah Darussalam (Indonesia)

