

Review Paper

- 1817** Management factors affecting gestating sows' welfare in group housing systems — A review
Jae-Cheol Jang, Sang-Hyon Oh (Korea)

Animal Breeding and Genetics

- 1827** Genome-wide association study for frozen-thawed sperm motility in stallions across various horse breeds
Elena V. Nikitkina, Natalia V. Dementieva, Yuri S. Shcherbakov, Mikhail M. Atroshchenko, Andrei A. Kudinov, Oleg I. Samoylov, Marina V. Pozovnikova, Artem P. Dysin, Anna A. Krutikova, Artem A. Musidray, Olga V. Mitrofanova, Kirill V. Plemyashov, Darren K. Griffin, Michael N. Romanov (UK)
- 1839** Single nucleotide polymorphism-based analysis of the genetic structure of the Min pig conserved population
Fanbing Meng, Jiancheng Cai, Chunan Wang, Dechang Fu, Shengwei Di, Xibiao Wang, Yang Chang, Chunzhu Xu (China)

Animal Reproduction and Physiology

- 1850** *PPIA*, *HPRT1*, and *YWHAZ* are suitable reference genes for quantitative polymerase chain reaction assay of the hypothalamic–pituitary–gonadal axis in sows
Hwan-Deuk Kim, Chan-Hee Jo, Yong-Ho Choe, Hyeon-Jeong Lee, Min Jang, Seul-Gi Bae, Sung-Ho Yun, Sung-Lim Lee, Gyu-Jin Rho, Seung-Joon Kim, Won-Jae Lee (Korea)

Ruminant Nutrition and Forage Utilization

- 1860** Fermentative products and bacterial community structure of C₄ forage silage in response to epiphytic microbiota from C₃ forages
Siran Wang, Tao Shao, Junfeng Li, Jie Zhao, Zhihao Dong (China)
- 1871** Effects of sodium diacetate or microbial inoculants on aerobic stability of wilted rye silage
Yan Fen Li, Li Li Wang, Eun Chan Jeong, Hak Jin Kim, Farhad Ahmadi, Jong Geun Kim (Korea)

Nonruminant Nutrition and Feed Processing

- 1881** Effect of feeding fermented soybean meal on broiler chickens' performance: a meta-analysis
Agung Irawan, Adi Ratriyanto, Adib Norma Respati, Niati Ningsih, Rahma Fitriastuti, Wara Pratitis Sabar Suprayogi, Rendi Fathoni Hadi, Wahyu Setyono, Novi Akhirini, Anuraga Jayanegara (Indonesia)
- 1892** Effects of fermented soybean meal with *Bacillus velezensis*, *Lactobacillus* spp. or their combination on broiler performance, gut antioxidant activity and microflora
C. F. Tsai, L. J. Lin, C. H. Wang, C. S. Tsai, S. C. Chang, T. T. Lee (Taiwan)
- 1904** Effects of intracerebroventricular injection of corticotrophin releasing factor on the gene expression of ghrelin and corticotrophin releasing factor receptors in broiler chickens
Yuanli Cai, Zhigang Song (China)

- 1911** Apparent metabolizable energy, growth performance and carcass traits of Japanese quail fed select modern grain sorghum varieties
A. H. Moritz, S. K. Krombeen, J. Presgraves, M. E. Blair, R. E. Buresh, W. C. Bridges, M. Arguelles-Ramos, T. A. Wilmoth (USA)
- 1921** Age quadratically affects intestinal calcium and phosphorus transporter gene expression in broiler chickens
Xianliang Lv, Junfang Hao, Lihua Wu, Mengyuan Liu, Lei He, Yingying Qiao, Yanyan Cui, Guan Wang, Chunmei Zhang, Hongxia Qu, Jincheng Han (China)
- 1929** Physiological responses of broiler chickens fed reduced-energy diets supplemented with emulsifiers
Elijah Ogola Oketch, Jung Woo Lee, Myunghwan Yu, Jun Seon Hong, Yu Bin Kim, Shan Randima Nawarathne, Josh Wen-Cheng Chiu, Jung Min Heo (Korea)
- 1940** Recommended levels of calcium and non-phytate phosphorus for yellow-feathered broilers (finisher phase)
Yibing Wang, Weiwei Wang, Sheng Zhang, Shouqun Jiang (China)
- 1948** Effects of selenium source and level on the physiological response, reproductive performance, serum Se level and milk composition in gestating sows
Xing Hao Jin, Cheon Soo Kim, Min Jin Gim, Yoo Yong Kim (Korea)
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Animal Products

- 1957** Assessment of chicken thigh meat quality of Ross 308 broiler of animal welfare certified farm
Hee-Jin Kim, Dong-Jin Shin, Hye-Jin Kim, Jinwoo Cho, Ji-Seon Kwon, Dongwook Kim, Jong-Hyun Jung, Aera Jang (Korea)
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Animal Health

- 1967** Impact of different shades of light-emitting diode on fecal microbiota and gut health in broiler chickens
Andrea Ianni, Francesca Bennato, Veronica Di Gianvittorio, Marco Di Domenico, Camillo Martino, Martina Colapietro, Cesare Cammà, Giuseppe Martino (Italy)
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Environment and Management

- 1977** Seasonal atmospheric characteristics in a swine finishing barn equipped with a continuous pit recirculation system using aerobically treated manure
Yongjun Choi, Duck-Min Ha, Sangrak Lee, Doo-Hwan Kim (Korea)
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- 1986** AAAP NEWS
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