Contents



Animal Breeding and Genetics	1879	Correlation between <i>in vitro</i> fertilization and artificial insemination in Holstein bulls Wei Sun, Yunxia Li, Jie Su, Xiangnan Bao, Rui Ding, Gaoping Zhao, Guifang Cao, Shuxiang Hu, Jianguo Wang, Qingyuan Sun, Haiquan Yu, Xihe Li (China)
	1886	Association of growth hormone and insulin-like growth factor I genotype with body weight, dominance of body weight, and mRNA expression in Korat slow-growing chickens Panpradub Sinpru, Rujjira Bunnom, Chotima Poompramun, Pramin Kaewsatuan, Sirangkun Sornsan, Satoshi Kubota, Wittawat Molee, Amonrat Molee (Thailand)
	1895	Genome-wide scan for runs of homozygosity identifies candidate genes in Wannan Black pigs Xudong Wu, Ren Zhou, Wei Zhang, Bangji Cao, Jing Xia, Caiyun Wang, Xiaodong Zhang, Mingxing Chu, Zongjun Yin, Yueyun Ding (China)
	1903	Genetic parameters and litter trait trends of Danish pigs in South Vietnam Nguyen Huu Tinh, Tran Van Hao, Anh Phu Nam Bui (Vietnam)
Animal Reproduction and Physiology	1912	5-Aminolevulinic acid improves chicken sperm motility Shin Taniguchi, Zhendong Zhu, Mei Matsuzaki, Masaoki Tsudzuki, Teruo Maeda (Japan)
Ruminant Nutrition and Forage Utilization	1921	Characterization of the bacterial microbiota across the different intestinal segments of the Qinghai semi-fine wool sheep on the Qinghai-Tibetan Plateau Xungang Wang, Linyong Hu, Hongjin Liu, Tianwei Xu, Na Zhao, Xiaoling Zhang, Yuanyue Geng, Shengping Kang, Shixiao Xu (China)
	1930	Metabolomics comparison of serum and urine in dairy cattle using proton nuclear magnetic resonance spectroscopy Jun Sik Eom, Eun Tae Kim, Hyun Sang Kim, You Young Choi, Shin Ja Lee, Sang Suk Lee, Seon Ho Kim, Sung Sill Lee (Korea)
	1940	Effects of maize straw treated with various levels of CaO and moisture on composition, structure, and digestion by <i>in vitro</i> gas production Mingjun Shi, Zhanxia Ma, Yujia Tian, Xuewei Zhang, Huiyong Shan (China)
Nonruminant Nutrition and Feed Processing	1951	Growth performance, carcass traits and gut health of broiler chickens fed diets incorporated with single cell protein Gangavadi P. Hombegowda, Bypanahalli N. Suresh, Mysore C. Shivakumar, Puttamallappa Ravikumar, Bekkere C. Girish, Satturu M. Rudrappa, Huchamanadoddi C. Indresh (India)

Vol 34 No 12 · December 2021

	1963	Effects of dietary L-glutamine and glutamic acid combination, and whey powder on the performance and nutrient digestion in weaned piglets fed grain-based diets Jonathan Mádson dos Santos Almeida, Leonardo Augusto Fonseca Pascoal, Jorge Luiz Santos de Almeida, Ricardo Romão Guerra, José Humberto Vilar da Silva, David Rwbystanne Pereira da Silva, Manoel Rosa Silva Neto, Terezinha Domiciano Dantas Martins (Brazil)
	1974	Amino acid digestibility in diets containing copra meal with β-mannanase fed to growing pigs Jae Cheol Jang, Dong Hyuk Kim, Young Dal Jang, Yoo Yong Kim (Korea)
	1981	Effect of <i>Salvia miltiorrhiza</i> aerial parts on growth performance, nutrient digestibility, and digestive enzymes in rabbits Jiajia Wang, Yiran Luo, Pei Li, Feike Zhang, Ning Liu (China)
	1987	Effect of increasing levels of threonine relative to lysine on the performance and meat quality of finishing pigs Santi Devi Upadhaya, Sang Seon Lee, Sung Giu Jin, Zhenlong Wu, In Ho Kim (Korea)
Animal Products	1995	Sequential use of real-time polymerase chain reaction and enzyme-linked immunosorbent assay techniques verifies adulteration of fermented sausages with chicken meat Hakan Benli, Elif Barutcu (Turkey)
	2003	Assessment of technological characteristics and microbiological quality of marinated turkey meat with the use of dairy products and lemon juice Anna Augustyńska-Prejsnar, Paweł Hanus, Zofia Sokołowicz, Miroslava Kačániová (Poland)
	2012	A study on shelf life of prepackaged retail-ready Korean native black pork belly and shoulder butt slices during refrigerated display Van-Ba Hoa, Kuk-Hwan Seol, Sun-Moon Kang, Yun-Seok Kim, Soo-Hyun Cho (Korea)
Environment and Management	2023	Urease and nitrification inhibitors with pig slurry effects on ammonia and nitrous oxide emissions, nitrate leaching, and nitrogen use efficiency in perennial ryegrass sward Sang Hyun Park, Bok Rye Lee, Tae Hwan Kim (Korea)

ANIMAL BIOSCIENCE INSTRUCTIONS FOR AUTHORS