
Review Paper

- 1873** Role of microRNAs in myogenesis and their effects on meat quality in pig — A review
Ambreen Iqbal, Jiang Ping, Shaokat Ali, Gao Zhen, Liu Juan, Jin Zi Kang, Pan Ziyi, Lu Huixian, Zhao Zhihui (China)
- 1885** Importance of micronutrients in bone health of monogastric animals and techniques to improve the bioavailability of micronutrient supplements — A review
Santi Devi Upadhaya, In Ho Kim (Korea)

Animal Breeding and Genetics

- 1896** Estimating genetic diversity and population structure of 22 chicken breeds in Asia using microsatellite markers
Hee-Jong Roh, Seung-Chang Kim, Chang-Yeon Cho, Jinwook Lee, Dayeon Jeon, Dong-kyo Kim, Kwan-Woo Kim, Fahmida Afrin, Yeoung-Gyu Ko, Jun-Heon Lee, Solongo Batsaikhan, Triana Susanti, Sergey Hegay, Siton Kongvongxay, Neena Amatya Gorkhali, Lan Anh Nguyen Thi, Trinh Thi Thu Thao, Lakmalie Manikku (Korea)
- 1905** Evaluating genetic diversity and identifying priority conservation for seven Tibetan pig populations in China based on the mtDNA D-loop
Qianyun Ge, Caixia Gao, Yuan Cai, Ting Jiao, Jinqiang Quan, Yongbo Guo, Wangshan Zheng, Shengguo Zhao (China)
- 1912** Assessment of genomic prediction accuracy using different selection and evaluation approaches in a simulated Korean beef cattle population
Chiemela Peter Nwogwugwu, Yeongkuk Kim, Hyunji Choi, Jun Heon Lee, Seung-Hwan Lee (Korea)

Animal Reproduction and Physiology

- 1922** Seasonal changes in the reproductive performance in local cows receiving artificial insemination in the Pursat province of Cambodia
Bengthay Tep, Yasuhiro Morita, Shuichi Matsuyama, Satoshi Ohkura, Naoko Inoue, Hiroko Tsukamura, Yoshihisa Uenoyama, Vutha Pheng (Cambodia)

Ruminant Nutrition and Forage Utilization

- 1930** Serum adipokines play different roles in type I and II ketosis
Liu Hong Shen, Yingkun Zhu, Jinbang Xiao, Bolin Qian, Liuchao You, Yue Zhang, Shumin Yu, Xiaolan Zong, Suizhong Cao (China)
- 1940** Effect of water scarcity during thermal-humidity exposure on the mineral footprint of sheep
Jalil Ghassemi Nejad, Bae-Hun Lee, Ji-Yung Kim, Kyu-Hyun Park, Won-Seob Kim, Kyung-Il Sung, Hong-Gu Lee (Korea)
- 1948** Co-cultured methanogen improved the metabolism in the hydrogenosome of anaerobic fungus as revealed by gas chromatography-mass spectrometry analysis
Yuqi Li, Meizhou Sun, Yuanfei Li, Yanfen Cheng, Weiyun Zhu (China)

**Nonruminant
Nutrition and
Feed Processing**

- 1957** Comparison of overfed Xupu and Landes geese in performance, fatty acid composition, enzymes and gene expression related to lipid metabolism
Xu Liu, Peng Li, Changqing He, Xiangyong Qu, Songchang Guo (China)
- 1965** Extrusion enhances apparent metabolizable energy, ileal protein and amino acid digestibility of palm kernel cake in broilers
Hanim Shakirin Faridah, Yong Meng Goh, Mohamed Mustapha Noordin, Juan Boo Liang (Malaysia)
- 1975** Effects of body weight and fiber sources on fiber digestibility and short chain fatty acid concentration in growing pigs
Jinbiao Zhao, Xuzhou Liu, Yi Zhang, Ling Liu, Junjun Wang, Shuai Zhang (China)
- 1985** Distribution of injected fat-soluble vitamins in plasma and tissues of nursery pigs
Young Dal Jang, Mikayla J. Roterling, Paige K. Isensee, Kirsten A. Rinholen, Carli J. Boston-Denton, Paige G. Kelley, Robert L. Stuart (USA)
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Animal Products

- 1991** Effects of three different diets on the fatty acid profile and sensory properties of fresh Pecorino cheese “Primo Sale”
Isa Fusaro, Melania Giammarco, Michael Odintsov Vaintrub, Matteo Chincarini, Anna Chiara Manetta, Ludovica M. E. Mammi, Alberto Palmonari, Andrea Formigoni, Giorgio Vignola (Italy)
- 1999** Investigation of muscle-specific beef color stability at different ultimate pHs
Shuang Wu, Jina Han, Rongrong Liang, Pengcheng Dong, Lixian Zhu, David L. Hopkins, Yimin Zhang, Xin Luo (China)
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**Animal
Biotechnology**

- 2008** Dietary corn resistant starch regulates intestinal morphology and barrier functions by activating the Notch signaling pathway of broilers
Yingying Zhang, Yingsen Liu, Jiaolong Li, Tong Xing, Yun Jiang, Lin Zhang, Feng Gao (China)
- 2021** TATA box binding protein and ribosomal protein 4 are suitable reference genes for normalization during quantitative polymerase chain reaction study in bovine mesenchymal stem cells
Si-Jung Jang, Ryoung-Hoon Jeon, Hwan-Deuk Kim, Jong-Chan Hwang, Hyeon-Jeong Lee, Seul-Gi Bae, Sung-Lim Lee, Gyu-Jin Rho, Seung-Joon Kim, Won-Jae Lee (Korea)
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**Environment and
Management**

- 2031** The effect of intermittent feeding and cold water on performance and carcass traits of broilers reared under daily heat stress
Kadir Erensoy, Moise Noubandiguim, Musa Sarica, Resul Aslan (Turkey)
- 2039** Predicting nutrient excretion from dairy cows on smallholder farms in Indonesia using readily available farm data
Windi Al Zahra, Corina E. van Middelaar, Imke J.M de Boer, Simon J. Oosting (The Netherlands)
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