
Animal Breeding and Genetics

- 1843** Extent of linkage disequilibrium and effective population size of Korean Yorkshire swine
Donghyun Shin, Kyeong-Hye Won, Sung-Hoon Kim, Yong-Min Kim (Korea)
- 1852** The identification of novel regions for reproduction trait in Landrace and Large White pigs using a single step genome-wide association study
Rattikan Suwannasing, Monchai Duangjinda, Wuttigrai Boonkum, Rutjawate Taharnklaew, Komson Tuangsithanon (Thailand)
- 1863** The influence of a first-order antedependence model and hyperparameters in BayesC π for genomic prediction
Xiujin Li, Xiaohong Liu, Yaosheng Chen (China)
- 1871** Genetic diversity of Saudi native chicken breeds segregating for naked neck and frizzle genes using microsatellite markers
Moataz Fathi, Mohamed El-Zarei, Ibrahim Al-Homidan, Osama Abou-Emera (Saudi Arabia)

Ruminant Nutrition and Forage Utilization

- 1881** Appropriate level of alfalfa hay in diets for rearing Simmental crossbred calves in dryland China
Nobuyuki Kobayashi, Fujiang Hou, Atsushi Tsunekawa, Xianjiang Chen, Tianhai Yan, Toshiyoshi Ichinohe (Japan)
- 1890** New roughage source of *Pennisetum purpureum* cv. Mahasarakham utilization for ruminants feeding under global climate change
Chaowarit Mapato and Metha Wanapat (Thailand)
- 1897** Effect of microbial inoculants on fermentation quality and aerobic stability of sweet potato vine silage
Young Ho Joo, Dong Hyeon Kim, Dimas H. V. Paradhita, Hyuk Jun Lee, Sardar M. Amanullah, Sang Bum Kim, Jong Soo Chang, Sam Churl Kim (Korea)
- 1903** Effect of inoculants and storage temperature on the microbial, chemical and mycotoxin composition of corn silage
Musen Wang, Shengyang Xu, Tianzheng Wang, Tingting Jia, Zhenzhen Xu, Xue Wang, Zhu Yu (China)
- 1913** Comparative analysis of silage fermentation and *in vitro* digestibility of tropical grass prepared with *Acremonium* and *Trichoderma* species producing cellulases
Waroon Khota, Suradej Pholsen, David Higgs, Yimin Cai (Japan)
- 1923** Investigation of blood biomarkers related to meat quality and quantity in Hanwoo steers
Yea Hwang Moon, Woong Ki Cho, Sung Sill Lee (Korea)

**Nonruminant
Nutrition and
Feed Processing**

- 1930** Growth, carcass traits, cecal microbial counts, and blood chemistry of meat-type quail fed diets supplemented with humic acid and black cumin seeds
Muhammad Arif, Abdur Rehman, Mohamed E. Abd El-Hack, Muhammad Saeed, Fateh Khan, Muhammad Akhtar, Ayman A. Swelum, Islam M. Saadeldin, Abdullah N. Alowaimer (Egypt)
- 1939** Effects of different selenium sources and levels on antioxidant status in broiler breeders
K. X. Li, J. S. Wang, D. Yuan, R. X. Zhao, Y. X. Wang, X. A. Zhan (China)
- 1946** Effect of keratinase on ileal amino acid digestibility in five feedstuffs fed to growing pigs
Chengfei Huang, Dongli Ma, Jianjun Zang, Bo Zhang, Brian Sun, Ling Liu, Shuai Zhang (China)
- 1956** Effects of different creep feed types on pre-weaning and post-weaning performance and gut development
Pil Seung Heo, Dong Hyuk Kim, Jae Cheol Jang, Jin Su Hong, Yoo Yong Kim (Korea)
- 1963** Effects of dietary energy and lipase levels on nutrient digestibility, digestive physiology and noxious gas emission in weaning pigs
J. B. Liu, S. C. Cao, J. Liu, J. Pu, L. Chen, H. F. Zhang (China)
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Animal Products

- 1974** Fatty acid compositions, free radical scavenging activities, and antioxidative enzyme activities of high-preference and low-preference beef cuts of Hanwoo (*Bos taurus coreanae*) cows
Sang-Ho Moon, Eun-Kyung Kim, Se Young Jang, Yujiao Tang, Hye-Jin Seong, Yeong Sik Yun, Sanguk Chung, Mirae Oh (Korea)
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**Animal
Biotechnology**

- 1980** *In silico* approaches to discover the functional impact of non-synonymous single nucleotide polymorphisms in selective sweep regions of the Landrace genome
Donghyun Shin, Kyung-Hye Won, Ki-Duk Song (Korea)
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**Animal Behavior
and Welfare**

- 1991** The effect of nutrition and body condition of triplet-bearing ewes during late pregnancy on the behaviour of ewes and lambs
Gabriella V. Gronqvist, René A. Corner-Thomas, Paul R. Kenyon, Kevin J. Stafford, Stephen T. Morris, Rebecca E. Hickson (New Zealand)
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