

Asian-Australasian Journal of Animal Sciences

November 2008

Volume 21 Number 11

Contents

ANIMAL BREEDING AND GENETICS

214. Genetic Relationships among Australian and Mongolian Fleece-bearing Goats / *S. Bolormaa, A. Ruvinsky, S. Walkden-Brown and J. van der Werf* (Australia) 1535
215. Mapping, Tissue Distribution and Polymorphism of Porcine Retinol Binding Protein Genes (*RBP5* and *RBP7*) / *W. H. Gong, Z. L. Tang, J. L. Han, S. L. Yang, H. Wang, Y. Li and K. Li* (China) 1544
216. Cloning, Expression, and Regulation of Bovine Cellular Retinoic Acid-binding Protein-II (CRABP-II) during Adipogenesis / *Young Hee Jeong, Sang Mi Lee, Hye-Min Kim, Hyo Young Park, Duhak Yoon, Seung Ju Moon, Akemi Hosoda, Dong-Ho Kim, Shigeru Saeki and Man-Jong Kang* (Korea) 1551
217. Maximizing the Selection Response by Optimal Quantitative Trait Loci Selection and Control of Inbreeding in a Population with Different Lifetimes between Sires and Dams / *G. Q. Tang, X. W. Li, L. Zhu, S. R. Shuai and L. Bai* (China) 1559
218. Investigation of Deletion Variation and Methylation Patterns in the 5' LTR of Porcine Endogenous Retroviruses / *K. C. Jung, D. M. Simond, C. Moran, W. J. Hawthorne, J. T. Jeon, D. I. Jin and J. H. Lee* (Korea) 1572
219. Canonical Correlation Analysis for Estimation of Relationships between Sexual Maturity and Egg Production Traits upon Availability of Nutrients in Pullets / *Soner Cankaya, Nuh Ocak and Murat Sungu* (Turkey) 1576

ANIMAL REPRODUCTION AND PHYSIOLOGY

220. Effects of Perinatal Nutrition on Metabolic and Hormonal Profiles of Goat Kids (*Capra hircus*) during Their First Day of Life / *Pietro Celi, Adriana Di Trana, Salvatore Claps and Paola Di Gregorio* (Australia) 1585

RUMINANT NUTRITION AND FORAGE UTILIZATION

221. Effect of Cattle Slurry on Growth, Biomass Yield and Chemical Composition of Maize Fodder / *S. M. E. Rahman, M. A. Islam, M. M. Rahman and Deog-Hwan Oh* (Korea) .. 1592
222. Effect of Salinity Stress on Dry Matter Yield and Oxalate Content in Napiergrass (*Pennisetum purpureum* Schumach) / *M. M. Rahman, Y. Ishii, M. Niimi and O. Kawamura* (Japan) 1599
223. Effects of Mixtures of Tween80 and Cellulolytic Enzymes on Nutrient Digestion and Cellulolytic Bacterial Adhesion / *Il Hwan Hwang, Chan Hee Lee, Seon Woo Kim, Ha Guyn Sung, Se Young Lee, Sung Sill Lee, Heeok Hong, Yong-Chul Kwak and Jong K. Ha* (Korea) 1604
-

NONRUMINANT NUTRITION AND FEED PROCESSING

224. Effect of Fermented Soybean "Natto" Supplement on Egg Production and Qualities / *K. Fujiwara, Y. Miyaguchi, A. Toyoda, Y. Nakamura, M. Yamazaki, K. Nakashima and H. Abe* (Japan) 1610
225. Effects of Hot Environment and Dietary Protein Level on Growth Performance and Meat Quality of Broiler Chickens / *X. H. Gu, S. S. Li and H. Lin* (China) 1616
226. The Availability of Energy and Protein, with Respect to Uric Acid, of Yellow-seeded Rapeseed Meal in Broiler Diets / *A. A. Saki, H. Mahmoudi, M. M. Tabatabaei and A. Ahmadi* (Iran) 1624
227. Effect of Lowering Dietary Protein with Constant Energy to Protein Ratio on Growth, Body Composition and Nutrient Utilization of Broiler Chicks / *Z. Kamran, M. Sarwar, M. Nisa, M. A. Nadeem, S. Ahmad, T. Mushtaq, T. Ahmad and M. A. Shahzad* (Pakistan) 1629
228. Characteristics of Solid-state Fermented Feed and its Effects on Performance and Nutrient Digestibility in Growing-finishing Pigs / *Jiankun Hu, Wenqing Lu, Chunlin Wang, Ronghua Zhu and Jiayun Qiao* (China) 1635
229. The Effect of a Natural Zeolite (Clinoptilolite) on the Performance of Broiler Chickens and the Quality of Their Litter / *X. Karamanlis, P. Fortomaris, G. Arsenos, I. Dosis, D. Papaioannou, C. Batzios and A. Kamarianos* (Greece) 1642
230. Effect of Chito-oligosaccharide Supplementation on Immunity in Broiler Chickens / *Xingzhao Deng, Xiaojing Li, Pai Liu, Shulin Yuan, Jianjun Zang, Songyu Li and Xiangshu Piao* (China) 1651
231. Effects of Xylanase on Growth and Gut Development of Broiler Chickens Given a Wheat-based Diet / *Y. Yang, P. A. Iji, A. Kocher, L. L. Mikkelsen and M. Choct* (Australia) 1659

ANIMAL BIOTECHNOLOGY

232. *In vitro* Development of Interspecies Somatic Cell Nuclear Transfer Embryos Derived from Murine Embryonic Fibroblasts and Bovine Oocytes / *J. I. Yun, B. S. Koo, S. W. Yun and C. K. Lee* (Korea) 1665
233. Cloning and Sequence Analysis of Glyceraldehyde-3-Phosphate Dehydrogenase Gene in Yak / *Sheng-wei Li, Ming-feng Jiang, Yong-tao Liu, Tu-feng Yang, Yong Wang and Jin-cheng Zhong* (China) 1673

REVIEW PAPER

234. A Research Review of Village Chicken Production Constraints and Opportunities in Zimbabwe / *C. Mapiye, M. Mwale, J. F. Mupangwa, M. Chimonyo, R. Foti and M. J. Mutenje* (South Africa) 1680
-