

(Abstracts/contents list published in: AGRICOLA, Agris, BIOBASE, BIOSIS, BioBusiness, CAB Abstracts, CSA Database, Current Contents Search, Food Science and Technology Abstracts, Foodline: Food Science and Technology, Global Health, Inside Conferences, SCISEARCH, UnCover). Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®

Regular papers

- Effect of dietary betaine supplementation on growth, carcass and immunity of New Zealand White rabbits under high ambient temperature
R.A. Hassan, T.A. Ebeid, A.I. Abd El-Lateif and N.B. Ismail 103
- Factors influencing the strategic decision to further develop dairy production — A study of farmers in central Sweden
H. Hansson and R. Ferguson 110
- Association of bovine chromosome 5 markers with birth and weaning weight in Hereford cattle raised under extensive conditions
A. Rogberg-Muñoz, L. Melucci, A. Prando, E.E. Villegas-Castagnasso, M.V. Ripoli, P. Peral-García, A. Baldo, M.C. Añon and G. Giovambattista 124
- Genetic diversity and population structure in Portuguese goat breeds
C. Bruno-de-Sousa, A.M. Martinez, C. Ginja, F. Santos-Silva, M.I. Carolino, J.V. Delgado and L.T. Gama 131
- Genetic diversity and differentiation of Ankole cattle populations in Uganda inferred from microsatellite data
D.R. Kugonza, H. Jianlin, M. Nabasirye, D. Mpairwe, G.H. Kiwuwa, A.M. Okeyo and O. Hanotte 140
- Effects of dietary delta-aminolevulinic acid and vitamin C on growth performance, immune organ weight and ferrum status in broiler chicks
J.P. Wang, L. Yan, J.H. Lee, T.X. Zhou and I.H. Kim 148
- Castor bean meal for cattle finishing: 1—Nutritional parameters
L.L. Diniz, S.C. Valadares Filho, A.S. de Oliveira, D.S. Pina, L.D. da Silva, P.B. Benedeti, G.F. Baião, J.M.S. Campos and R.F.D. Valadares 153
- Growth, carcass and meat quality characteristics of Small East African goats fed straw based diets
J. Safari, D.E. Mushi, L.A. Mtenga, G.C. Kifaro and L.O. Eik 168
- Analysis of water, feed intake and performance of lactating sows
S. Kruse, I. Traulsen and J. Krieter 177
- The validity of *n*-alkanes to estimate intake and digestibility in Nellore beef cattle fed a tropical grass (*Brachiaria brizantha* cv. Marandu)
J.A.S. Morais, T.T. Berchielli, A. de Vega, M.F.S. Queiroz, A. Keli, R.A. Reis, L.M.A. Bertipaglia and S.F. Souza 184
- Current genetic profile of sheep breeds/populations from Northwestern semi arid zone of India
R. Arora, S. Bhatia, D.K. Yadav and B.P. Mishra 193
- Assessing diversity losses due to selection for coat colour in the endangered bay-Asturcón pony using microsatellites
I. Álvarez, L.J. Royo, L. Pérez-Pardal, I. Fernández, L. Lorenzo and F. Goyache 199
- Effect of concentrate supplementation at pasture and inclusion of condensed tannins (Quebracho) in concentrates on lamb performance and faecal egg and worm counts
L.E.R. Dawson, M.A. McCoy, H.W.J. Edgar and A.F. Carson 205

(Contents continued)

Genetic parameters for piglet survival, litter size and birth weight or its variation within litter in sire and dam lines using Bayesian analysis D.N.R.G. Kapell, C.J. Ashworth, P.W. Knap and R. Roehe	215
Temporal expression pattern of insulin-like growth factors (IGF-1 and IGF-2) ligands and their receptors (IGF-1R and IGF-2R) in buffalo (<i>Bubalus bubalis</i>) embryos produced <i>in vitro</i> V. Chandra, G.S. Kumar and G.T. Sharma	225
Effect of prepartum administration of monensin on metabolism of pregnant ewes B. Taghipoor, Hesam.A. Seifi, M. Mohri, N. Farzaneh and A.A. Naserian	231
Genetic associations of conformation, finishing precocity and muscling visual scores with mature weight in Nelore cattle A.A. Boligon, M.E.Z. Mercadante and L.G. Albuquerque	238
Associations between <i>LEP</i> , <i>DGAT1</i> and <i>FABP4</i> gene polymorphisms and carcass and meat traits in Nelore and crossbred beef cattle R.A. Curi, L.A.L. Chardulo, M.D.B. Arrigoni, A.C. Silveira and H.N. de Oliveira	244
Seasonal variation in time spent foraging by indigenous goat genotypes in a semi-arid rangeland in South Africa A.G. Bakare and M. Chimonyo	251
Risk factors and rates of perinatal and postnatal mortality in cattle in Switzerland U. Bleul	257
Free-stall cleanliness is affected by stall design L.E. Ruud, C. Kielland, O. Østerås and K.E. Bøe	265
Estimation of genetic parameters for milk urea nitrogen and its relationship with milk constituents in Iranian Holsteins N.G. Hossein-Zadeh and M. Ardalan	274
The effect of phosphorus restriction during the weaner-grower phase on compensatory growth, serum osteocalcin and bone mineralization in gilts P.F. Varley, T. Sweeney, M.T. Ryan and J.V. O'Doherty	282
Short communications	
Impacts of heat stress on baseline immune measures and a subset of T cells in Bama miniature pigs J. Xiang-hong, Y. Yan-hong, X. Han-jin, A. Li-long and X. Yingmei	289
Principal components analysis applied to genetic evaluation of racing performance of Thoroughbred race horses in Korea J.-E. Park, J.-R. Lee, S. Oh, J.W. Lee, H.-S. Oh and H. Kim	293
Effect of leptin, <i>DGAT1</i> and <i>TG</i> gene polymorphisms on the intramuscular fat of Angus cattle in Hungary I. Anton, K. Kovács, G. Holló, V. Farkas, L. Lehel, Z. Hajda and A. Zsolnai	300