

(Abstracted / indexed 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®.

Genetics, Animal Genetic Resources and Breeding

Dietary fatty acids applied to pig production and their relation to the biological processes: A review
S.L. Fanalli, B.P.M. da Silva, B. Petry, M.H.A. Santana, G.H.G. Polizel, R.C. Antunes, V.V. de Almeida, G.C.M. Moreira, A. Luchiari Filho, L. L. Coutinho, J. CC Balieiro, J. M Reecy, J. Koltes, D. Koltes and A. SM Cesar

105092

Review papers

Invited review: Genetics and genomics of pigmentation variability in pigs: a review
L. Fontanesi

105079

Relationships between enteric methane production and economically important traits in beef cattle
A.D. Lakamp, R.L. Weaber, J.M. Bormann and M.M. Rolf

105102

Original research articles

Genetic selection of Nellore cattle raised in tropical areas: Economic indexes and breeding decisions risks
F.M. Souza, F.B. Lopes, G.J.M. Rosa, R.d.S. Fernandes, V.S. Magnabosco and C.U. Magnabosco

105098

Coated refined fish oil supplementation improves growth performance and meat quality in finishing pigs
D.X. Dang and I.H. Kim

105099

Short communication

Genetic evaluation of semen traits in Holstein-Friesian purebred, Holstein-Friesian crossbred and indigenous bulls under hot and semi-arid conditions of India
V.B. Ambike, R. Venkataramanan, S.M.K. Karthickeyan, K.G. Tirumurugaan, K.G. Bhavne and J. Khadse

105072

Ruminant Nutrition*Original research articles*

Performance, carcass characteristics, and meat quality of goat kids supplemented with inulin
C.I. da Silva, C.R. Schneider, B. Hygino, V. Duarte, U.H.G. Teixeira, C.R. Alcalde and A.J.B. de Oliveira

105094

Licuri oil improves feedlot performance and modifies ruminal fauna of Santa Inês ewes
C.P.L. Cavalcanti, T.J. Silva e Macedo, G.C. Gois, V.G. Menezes, A.P. Oliveira do Monte, A.D. da Silva, D.J.M. da Silva, E.O. da Silva, G.G.L. de Araújo, R.T.d.S. Rodrigues, Á. Wischral, M.H.T. de Matos and M.A. Ávila Queiroz

105093

Non-Ruminant Nutrition*Original research articles*

Effect of phytase supplementation and drinking water pH for turkey poults
L.S. Bassi, L.V. Teixeira, R.F. Sens, K.C. Sonálio, M.C. Santos, L.N. Kuritza and A. Maiorka

105069

Coping heat stress by crushed fennel (*Foeniculum vulgare*) seeds in broilers: Growth, redox balance and humoral immune response
A. Fatima, N. Chand, S. Naz, M. Saeed, N.U. Khan and R.U. Khan

105082

The effect of varying dietary manganese and selenium levels on the growth performance and manganese-superoxide dismutase activity in nursery pigs
C.E. Edmunds, D.S. Seidel, C.B. Welch, E.A. Lee, M.J. Azain, T.R. Callaway and C.R. Dove

105100

Behaviour, Health and Welfare*Review papers*

New insights into factors affecting piglet crushing and anti-crushing techniques
T. Liu, N. Kong, Z. Liu, L. Xi, X. Hui, W. Ma, X. Li, P. Cheng, Z. Ji, Z. Yang and X. Yang

105080

Original research articles

Consequences of long-distance transport on the behavior and health of young-bulls that may affect their fitness to adapt to feedlots
M. Valadez-Noriega, L.X. Estévez-Moreno, F. Galindo, F. Pérez-Martínez, M. Villarroel and G.C. Miranda-de la Lama

105083

Meta-analysis and meta-regression of core body temperature in taurine and zebuine cattle under different environmental conditions
B.V. Pires, A.C. Freitas, J.L. Klein, T.P. de Melo, N.B. Stafuzza and C.C.P. de Paz

105104

(Contents continued on inside back cover)

(Continued from outside back cover)

- Environmental enrichment for primiparous and multiparous pregnant sows and its effect on cortisol and behavior at farrowing and production parameters at weaning
G. Espejo-Beristain, C. Ahuja-Aguirre, A.A. Carrasco-García, B. Hernandez-Cruz and P. Paredes-Ramos 105103
- Livestock Farming Systems and Management**
Original research articles
Effect of yerba mate (*Ilex paraguariensis*) in lamb diets on fatty acid profile, physical and sensory characteristics of the *Longissimus muscle*
Y.A. Pena-Bermudez, R.R. Lobo, T.R. de Amorim, D.A. Rojas-Moreno, D. Rodriguez-Aguilar, M.D. Poleti, A.S.C. Pereira, R.S.B. Pinheiro and I. Claudio da Silva Bueno 105095
- Physicochemical and sensory properties of Iberian sliced dry-cured *lomo* from various commercial categories
E. Palomo-Manzano, A. Ortiz, M. Sánchez, M.J. Martín-Mateos, D. Tejerina, L. León and S. García-Torres 105059
- How do moisture content, friability, and crust development of litter influence ammonia concentrations in broiler production?
M. Brink, G.P.J. Janssens and E. Delezie 105109
- Improvement of growth performance through crossbreeding in the Pyrenean suckling lamb protected geographical indication
M.-P. Ellies-Oury, S. Papillon, J.-M. Arranz and D. Carpentier 105081
- Physiology**
Original research articles
Effect of changes in body condition during the dry period, milk yield and genetic groups on the metabolic profiles of high-producing Holstein × Gir cows
L.G.C. Santos, J.C.d.S. Breda, F.M. Cerri, K.K.M.d.C. Flaiban, E.J.F. Filho and J.A.N. Lisboa 105097
- Reproduction Physiology**
Original research articles
Injectable progesterone for estrus and ovulation induction in seasonal anestrous ewes
C. Amaral D'Avila, F. Pereira de Moraes, A. Pastorello Bohn, M. Tomazele Rovani, A. Diniz Vieira, R. Ferreira, J. Nélio de Sousa Sales, H. Baldassarre, R. Gianella Mondadori, P. Bayard Dias Gonçalves and B. Garziera Gasperin 105070