

Genetics, Animal Genetic Resources and Breeding*Original research articles*

Investigating functional relationships among health and fertility traits in dairy cows

F.B. Lopes, G.J.M. Rosa, P. Pinedo, J.E.P. Santos, R.C. Chebel, K.N. Galvao, G.M. Schuenemann, R.C. Bicalho, R.O. Gilbert, S.L. Rodriguez-Zas, C.M. Seabury, F. Rezende and W. Thatcher

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Ruminant Nutrition*Original research articles*

Effect of proportion and digestibility of grass-clover silage on feed intake, milk yield, and nitrogen excretion in lactating dairy cows

D.N. Brask-Pedersen, P.A. Madsen, P. Lund, M.R. Weisbjerg and M. Johansen

105110

The effects of oral drenching with Co or vitamin B₁₂, drenching frequency and Co via rumen bolus on plasma vitamin B₁₂ concentration in weaned lambs

D.V. Hession, N.R. Kendall, J.P. Hanrahan and T.W.J. Keady

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Non-Ruminant Nutrition*Original research articles*

Impacts of particle size and multienzyme supplementation on growth, cost-benefit, carcass characteristics, and nutrient digestibility of broilers

D.U. Kareem, A.T. Amos, O.P.A. Idowu, L.T. Egbeyale, R.A. Sobayo, A.D. Adeniran, A.I. Akinlade, Z.A. Ojebode, S.I. Olaniyi, A.O. Iyaomolere, K.A. Abdulsalam and O.M.O. Idowu

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Effects of combined feed additives in diets to support growth performance and intestinal health profile in nursery piglets

K.A. Barbosa, J.L. Genova, M.L. Pazdziora, L.B. de Azevedo, G.N. Wendt, P.E. Rupolo, G.d.A. Rodrigues, S.T. Carvalho, L.F. Costa e Silva, L.B. Costa, A. Saraiva and P.L.d.O. Carvalho

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Behaviour, Health and Welfare*Original research articles*

Learning, health and productivity of group-housed sows conditioned to signal-feeding under realistic husbandry conditions

C. Manteuffel, B. Puppe, T. Hartwig and E. Wirthgen

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Phenotypic correlations between jump and gaits characteristics measured by inertial measurement units in horse jumping training - preliminary results

K. Becker and D. Lewczuk

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Livestock Farming Systems and Management*Original research articles*

Effect of concrete slats versus rubber-covered slats on the performance, behaviour, hoof health, cleanliness of finishing beef steers and performance, cleanliness and hoof health of weanling cattle

C.E. McGettigan, M. McGee, E.G. O'Riordan, A.K. Kelly and B. Earley

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Simulating the profitability of male-sexed semen use in extensively farmed beef cow herds

L.J. Farrell, S.T. Morris, P.R. Kenyon and P.R. Tozer

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Reproduction Physiology*Original research articles*

Alpha-lipoic acid in ovarian vitrification solution for *in vitro* culture or autotransplantation as future strategies for the restoration of ovarian function in sheep

L.V.S. Naupas, D.C.C. Brito, S.S. Souza, F.A.S. Brandão, R.F. Silva, C.C.L. Fernandes, G.M. Tetaping, B.G. Alves, J.Y.G. Silva, M.I.F. Guedes, D. Rondina, J.R. Figueiredo and A.P.R. Rodrigues

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