

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

Genetic relationships among yearling weight, frame score and fertility traits in Charolais heifers
Á. Ríos-Utrera, M. Montaña-Bermúdez,
J.J. Baeza-Rodríguez, V.E. Vega-Murillo,
R. Calderón-Chagoya, Y.G. Ruiz and
G. Martínez-Velázquez

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Modeling growth curves to estimate the suitable slaughter age for the Vietnamese Tap Na pig
H.X. Bo, N.T. Huong, D.T. Hue and D.D. Luc

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Ruminant Nutrition*Original research articles*

Effects of non-protein nitrogen on buffel grass fiber and ruminal bacterial composition in sheep
A.S. de Mendonça Lopes, J.S. de Oliveira,
G.F.d.L. Cruz, D.d.S. Vieira, F.N. de Sousa Santos,
M.L.P. Lemos, J.K. Pinheiro, L.S. de Sousa,
C.J.B. de Oliveira and E.M. Santos

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A cinnamaldehyde feed additive improved feed use-efficiency in lactating dairy cows
J.M. Cantet, Z. Yu, H.A. Tucker and A.G. Rius

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Can GPS monitoring help farmers select the best nutritional management strategy for finishing sheep on pasture?
S. Evaristo Jorge Oliveira de, L.M.D. Queiroz,
E.I.M.d. Lima, G.R.d.R. Costa, T.R. Torres,
A.C. Bezerra, S. Wagner Martins dos and
S. Camila Sousa da

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The effect of rumen-protected lysine and methionine on milk yield, milk components, and body weight in grazing Holstein cows during spring calving season in the southern hemisphere
P. Melendez, J. Möller, A. Arevalo and P. Pinedo

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Non-Ruminant Nutrition*Original research articles*

Linking the sow diet to piglet nutrition via sensory imprinting improves piglet performance postweaning
L.R. Justino, A. Maiorka, S. Eskinazi, D.V. Jacob,
W.A.G. Araujo, M.F. Gonçalves, T.S.B. Pereira,
S.K. de Brito, L.T.S. Martins, A.L. Miranda and
B.A.N. Silva

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Behaviour, Health and Welfare*Original research articles*

Exploratory inference of the ingestive behavior of pigs in the growth phase in an air-conditioned environment
W.A.d. Silva, H. Pandorfi, R.B. Vigoderis,
G.L.P. de Almeida, A.S. Moraes, C. Guiselini,
M.V.d. Silva and G.T.B. Marinho

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Livestock Farming Systems and Management*Original research articles*

The effect of a zero-grazed perennial ryegrass, perennial ryegrass and white clover, or multispecies forage on the dry matter intake, milk production and nitrogen utilization of dairy cows in mid-late lactation
K.M. McCarthy, N. Walsh, C. van Wylick,
M. McDonald, A.G. Fahey, M.B. Lynch, K.M. Pierce,
T.M. Boland, H. Sheridan, M. Markiewicz-Keszycza
and F.J. Mulligan

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Refining life cycle nutrient modeling in organic pig production. An analysis focusing on feeding strategies in organic Danish pig farming
T. Dorca-Preda, A.G. Kongsted, H.M.-L. Andersen,
T. Kristensen, P.K. Theil, M.T. Knudsen and
L. Mogensen

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Physiology*Original research articles*

Intraperitoneal injection of β -glucan during the suckling period improved the intestinal health of newly weaned rabbits by enhancing immune responses
X. Wang, S.S. Wang, F. Yan, W.Q. Yang, G.F. Tang,
M.H. Cui and X.R. Xu

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Sow's pre- and post-delivery in different confinement systems evaluated by hair hormones concentrations
T. Peric, C. Mazzoni, F. Quai, A. Cotticelli, I. Pividori,
M. Corazzin, A. Comin, C. Bresciani and A. Prandi

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Biochemical and gene expression differences associated with higher fat deposition in Krškopolje pigs in comparison with lean hybrid pigs
K. Poklukar, M. Čandek-Potokar, N. Batorek Lukač
and M. Škrlep

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