

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

- Genetic parameters for hair whorl traits in horses
V.A.R. Cruz, D.F.P.d.A. Lima, I.D.P.S. Diaz, R.A. Curi,
G.L. Pereira, R.B. Costa and G.M.F. de Camargo 104679

Ruminant Nutrition

- Effect of heat stress on ingestive, digestive, ruminal
and physiological parameters of Nellore cattle
feeding low- or high-energy diets
J.A.M. Meneses, O.A.A.L. de Sá, C.F. Coelho,
R.N. Pereira, E.D. Batista, M.M. Ladeira,
D.R. Casagrande and M.P. Gionbelli 104676

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- The effect of post-harvest treatment of field beans on
dairy cow performance and nutrient utilisation
D.J. Johnston, K. Theodoridou, S. Stewart and
C.P. Ferris 104677

- Proportion and digestibility of tree legumes in diets
of grazing cattle in a tropical silvopastoral system
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M.V. Ferreira dos Santos, M.V. da Cunha and
J.J. Coelho 104689

Non-Ruminant Nutrition*Original research articles*

- Effect of microencapsulated organic acids on growth
performance, nutrient digestibility, blood profile,
fecal gas emission, fecal microbial, and meat-
carcass grade quality of growing-finishing pigs
M. Muniyappan, T. Palanisamy and I.H. Kim 104658

- Effects of polyphenol-rich *Aronia melanocarpa*
pomace feeding on growth performance,
biochemical profile, and meat quality in pigs at
weaned and finishing stages
X.Z. Liu, Y. Ju, N. Bao, Y.L. Luo, L.L. Huang,
N.X. Cao, M.Z. Liu, J.N. Bo, S. Zhang and Y. Yan 104674

- Coenzyme Q10 in quail nutrition: effects on growth
performance, meat quality, and myostatin gene
expression
M. Omidizadeh, F. Kheiri and M. Faghani 104682

- Impacts of nano-emulsified vegetable oil on growth,
hemato-biochemical markers, oxidative stress, and
gut microbiota of New Zealand white and V-line
rabbits
M.M.A. Ghanima, S.A. Ibrahim, M.S. Atta,
J.S. Ajarem, S.N. Maooda, A.A. Allam,
A.E. Taha, M.E. Abd El-Hack, K.A. El-Tarabily and
A.H.A. El-Aziz 104651

- Macauba (*Acrocomia aculeata*) pulp meal as
alternative raw material for growing-pigs
E.F. Dias, L. Hauschild, V.E. Moreira, R.P. Caetano,
A.M. Veira, M.S. Lopes, S.E.F. Guimarães,
J. Bastiaansen and P.H.R.F. Campos 104675

Behaviour, Health and Welfare*Original research articles*

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U. Krogh, O. Højberg, L. Foldager, S. Rani,
N.P. Nørskov and M.T. Sørensen 104681

- Lactose and its relationship with other milk
constituents, somatic cell count, and total bacterial
count
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D.A. Knob, F.R. Vancin, G.V. Antunes, M. Busanello,
F. De Carli and A.T. Neto 104678

- Impact of supplemental liquid feed pre-weaning and
piglet weaning age on feed intake post-weaning
C. Kobek-Kjeldager, D. Vodolazs'ka, C. Lauridsen,
N. Canibe and L.J. Pedersen 104680

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- Analysis of milk solids production and mid-lactation
bodyweight to evaluate cow production efficiency on
commercial dairy farms
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- Effect of two different feeding strategies on energy
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performance of growing-finishing pigs in a mobile
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