

**Ruminant Nutrition***Original research articles*

- Preference of fresh and stored *Ceriporiopsis subvermispora* and *Lentinula edodes* treated wheat straw by goats  
L. Mao, J.L.M. Marchal, A.S.M. Sonnenberg, J.W. Cone, V.E. Hidalgo and W.H. Hendriks 104013
- Cashew processing product as alternative energy feedstuff for grazing beef cattle under tropical conditions  
H.A. Souza, E.H.B.K. Moraes, A.S. Oliveira, E.D. Batista, K.R. Santos, J.N. Sousa, J.C. Ortelan, A. Lamag and K.A.K. Moraes 104022
- Effects of a yeast-based additive complex on performance, heat stress behaviors, and carcass characteristics of feedlot steers  
C.L. Lockard, C.G. Lockard, D.M. Paulus-Compart and J.S. Jennings 104052
- Effect of soybean meal treatment with *Cistus ladanifer* condensed tannins in growth performance, carcass and meat quality of lambs  
M.T.P. Dentinho, K. Paulos, A. Francisco, A.T. Belo, E. Jerónimo, J. Almeida, R.J.B. Bessa and J. Santos-Silva 104021
- Performance, carcass traits, meat quality and composition of non-castrated Nelore and crossbred male cattle fed soybean oil  
D.S. Antonelo, J.F.M. Gómez, R.S. Goulart, M. Beline, N.R.B. Cônsolo, R.R.S. Corte, H.B. Silva, A.M. Ferrinho, A.S.C. Pereira, D.E. Gerrard and S.L. Silva 104059
- Lactation performance and nitrogen utilization of dairy cows on diets including unfermented or fermented yellow wine lees mix  
K.Y. Yao, Z.H. Wei, Y.Y. Xie, D.M. Wang, H.Y. Liu, D. Fang, M.R. Ma and J.X. Liu 104025
- Short communication*
- Technical note: Toxic plants in sheep diets grazing extensive landscapes: Insights from Fecal DNA metabarcoding  
J.D. Scasta, T. Jorns, J.D. Derner, B. Stam, M. McClaren, C. Calkins and W. Stewart 104002
- Fatty acid transport in plasma from cows treated with ruminal pulses of fish oil and partially hydrogenated vegetable oil  
E. Vargas-Bello-Pérez, J.J. Loor and P.C. Garnsworthy 104018

**Behaviour, Health and Welfare***Original research articles*

- Genome-wide association analyses for coat colour patterns in the autochthonous Nero Siciliano pig breed  
G. Schiavo, S. Bovo, S. Tinarelli, M. Gallo, S. Dall'Olio and L. Fontanesi 104015
- Impact of cold stress on birth and weaning weight in a composite beef cattle breed  
S. Toghiani, E.H. Hay, A. Roberts and R. Rekaya 104053
- Does bull temperament impact growth performance and semen quality?  
K.M.G. Braz, F.M. Monteiro, L.G. Fernandes, N.N. Rodrigues, K.d.C. Peixoto Jr, R.E. Green, A. Cortez and A.M. Crespilho 104038

**Livestock Farming Systems and Management***Original research articles*

- Association of body condition score with ultrasound backfat and longissimus dorsi muscle depth in different breeds of dairy sheep  
S.A. Termatzidou, N. Siachos, G.E. Valergakis, A. Georgakopoulos, M.N. Patsikas and G. Arsenos 104019
- Estimating body weight, body condition score, and type traits in dairy cows using three dimensional cameras and manual body measurements  
B.M. Martins, A.L.C. Mendes, L.F. Silva, T.R. Moreira, J.H.C. Costa, P.P. Rotta, M.L. Chizzotti and M.I. Marcondes 104054
- Producing pasture-like milk from goats in confinement  
O. Hadaya, S.Y. Landau, T. Glasser, H. Muklada, T. Deutch, M. Shemesh and N. Argov-Argaman 104056

**Reproduction Physiology***Original research articles*

- Evidence of metabolic compartmentation in the bovine placenta and significance for the regulation of placental function and fetal growth in pregnancies bearing *in vivo*- or *in vitro*-produced embryos  
E. Ticiani, V.H.V. Rodrigues, B.R. Wilhelm, E. Ribeiro, R.P.d.C. Gerger, C. Ambrosio, C. Ferrell, R.D. Sainz, M.A. Miglino, J.L. Rodrigues and M. Bertolini 104024