

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

- Considerable potential exists to improve lambing performance traits in sheep through breeding
N. McHugh, T. Pabiou, E. Wall, K. McDermott and D.P. Berry 104007

Short communication

- Comparative population genomic analyses of the reconstructed local breed "Nero di Parma" with other commercial and autochthonous Italian pig breeds
G. Schiavo, S. Bovo, S. Tinarelli, H. Kazemi, M. Gallo, S. Dall'Olio and L. Fontanesi 104014

Ruminant Nutrition*Original research articles*

- Effect of linseed, sunflower, or fish oil added to hay-, or corn silage-based diets on milk fat yield and *trans*-C18:1 and conjugated linoleic fatty acid content in bovine milk fat
A. Ferlay and Y. Chilliard 104005

- Macromineral requirements for maintenance in male and female Saanen goats: A meta-analytical approach
J.A.C. Vargas, A.K. Almeida, A.P. Souza, M.H.M. da Rocha Fernandes, C.J. Härter, K.T. de Resende and I.A.M. de Almeida Teixeira 104003

Non-Ruminant Nutrition*Original research articles*

- Effect of protein reduction and valine levels on growth performance, carcass characteristics, protein digestibility and SLC71 gene expression in Japanese quail
A. Emadina, M. Toghyani, A.D. Foroosandeh, S.A. Tabeidian and M. Ostadsharif 103998

- Passiflora Incarnata* powder extract in postweaning piglets feeding slightly improves wellbeing and immune parameters
G. Pastorelli, M. Faustini, F. Luzi, V. Redaelli and L. Turin 104000

- Effect of the Iberian pig rearing system on blood plasma antioxidant status and oxidative stress biomarkers
I. Moreno, L. Ladero and R. Cava 104006

- Effects of supplementing feed with fermentation concentrate of *Hericium caput-medusae* (Bull.:Fr.) Pers. on cholesterol deposition in broiler chickens
H.M. Shang, J.C. Zhao, Y. Guo, H.X. Zhang and H. Song 104009

Behaviour, Health and Welfare*Short communication*

- Short communication: Reference intervals for claw dimensions of intensively finished Charolais and Limousin young bulls and heifers housed on different flooring systems
L. Magrin, M. Brscic, B. Contiero, G. Cozzi and F. Gottardo 104012

Livestock Farming Systems and Management*Review papers*

- The honey bee (*Apis mellifera* L., 1758) and the seasonal adaptation of productions. Highlights on summer to winter transition and back to summer metabolic activity. A review
S. Knoll, W. Pinna, A. Varcasia, A. Scala and M.G. Cappai 104011

Original research articles

- Feasibility of EVolutionary OPeration (EVOP) as a concept for herd-specific management in commercial dairy herds
S. Østergaard, D.B. Lastein, U. Emanuelson, B.-O. Rustas, M.A. Krogh, A.B. Kudahl, L. Munksgaard and T. Kristensen 104004

Reproduction Physiology*Original research articles*

- Calf-sex bias in Holstein dairy milk production under extensive management
M. Quaresma, M. Rodrigues, P. Medeiros-Sousa and A. Martins 104016