

(Abstracted / indexed in: AGRICOLA, Agris, BIOBASE, BIOSIS, BioBusiness, CAB Abstracts, CSA Database, Current Contents Search, Food Science and Technology Abstracts, Foodline: Food Science and Technology, Global Health, Inside Conferences, SCISEARCH, UnCover). Also covered in the abstract and citation database SciVerse Scopus®. Full text available on SciVerse ScienceDirect®.

Genetics, Animal Genetic Resources and Breeding

Genetic diversity and demographic structure of the endangered Sorraia horse breed assessed through pedigree analysis M. Pinheiro, H.J. Kjöllström and M.M. Oom	1
Selection strategies for fertility traits of Holstein cows in Iran H. Ghiasi, A. Nejati-Javaremi, A. Pakdel and O. González-Recio	11

Ruminant Nutrition

Effect of daidzein on production performance and serum antioxidative function in late lactation cows under heat stress D.-Y. Liu, S.-J. He, E.-H. Jin, S.-Q. Liu, Y.-G. Tang, S.-H. Li and L.-T. Zhong	16
Comparison of concentrate feeding strategies for growing dairy bulls K. Manni, M. Rinne and P. Huhtanen	21

Non-Ruminant Nutrition

<i>Short Communication</i> Dietary non-starch polysaccharides alter the abundance of pathogenic clostridia in pigs B.U. Metzler-Zebeli, J.C. Lange, R.T. Zijlstra and M.G. Gänzle	31
---	----

Behaviour, Health and Welfare

Hair cortisol as a marker of hypothalamic-pituitary-adrenal axis activation in Friesian dairy cows clinically or physiologically compromised A. Comin, T. Peric, M. Corazzin, M.C. Veronesi, T. Meloni, V. Zufferli, G. Cornacchia and A. Prandi	36
<i>Short Communication</i> Effects of a long distance transport and subsequent recovery in recently weaned crossbred beef calves in Southern Chile M. Werner, C. Hepp, C. Soto, P. Gallardo, H. Bustamante and C. Gallo	42

Livestock Farming Systems and Management

Factors influencing social organization in postpartum Angus cows under confinement. Effect on cow-calf weight change A.J. Landaeta-Hernández, D.O. Rae, M. Kaske and L.F. Archbald	47
Restricting access time at pasture and time of grazing allocation for Holstein dairy cows: Ingestive behaviour, dry matter intake and milk production D.A. Mattiauda, S. Tamminga, M.J. Gibb, P. Soca, O. Bentancur and P. Chilbroste	53

Growth Physiology

Effect of different dietary energy levels on physio-biochemical, endocrine changes and mRNA expression profile of leptin in goat (<i>Capra hircus</i>) I. Hyder, K. Ramesh, S. Sharma, S. Uniyal, V.P. Yadav, R.P. Panda, V.P. Maurya, G. Singh and M. Sarkar	63
--	----

(Contents continued)

Short Communication

Molecular analysis of α_{s1} -, β -, α_{s2} - and κ -casein transcripts reveals differential translational efficiency in yak lactating mammary gland

W.L. Bai, R.H. Yin, W.Q. Jiang, O.O. Ajayi, S.J. Zhao, G.B. Luo, Z.H. Zhao and I.G. Imumorin 74

Reproduction Physiology

Sonographic characteristics of goat testis on water bath based ultrasonography

S. Jeyakumar, A.K. De, A. Kundu, K. Roy, J. Sunder, M.S. Kundu, M. Balakrishnan, S. Chand and S.K.Z. Ahmed 79

Purification of cattle oviduct specific proteins and their effect on embryo development

S.K. Das, A.K. Sharma, S.K. Mohapatra, V. Bhatia, A. Chatterjee and A.K. Mohanty 88

Short Communication

Effects of five cryoprotective agents on quality of sheep epididymal spermatozoa during pre-freezing

J.H. Vásquez, V.H. Núñez, E.A. Florentini, J.M. Gonzales, L.A. Camargo and M.E. Valdivia 94