Whole-grain feeding for chicken-meat production: possible mechanisms driving enhanced energy utilisation and feed conversion
Sonia Yun Liu, Ha H. Truong and Peter H. Selle 559–572

Influence of cardamom essential oils and seeds on growth performance, blood characteristics and immunity of broilers
Mosa Omidi, Kamran Taherpour, Javad Cheraghi and Hossein A. Ghasemi 573–579

Effects of feeding various levels of full fat soybean extruded at high temperature on performance, serum components and intestinal morphology of broiler chickens

Micro-encapsulated sodium butyrate attenuates oxidative stress induced by corticosterone exposure and modulates apoptosis in intestinal mucosa of broiler chickens

Monthly metabolisable energy feed requirements of crossbred ewes in accelerated and traditional lamb production systems
N. M. Fogarty 595–602

Effects of duration of salt supplementation of sheep on rumen metabolism and the accumulation of elements
Clive J. Phillips, Mohamed O. Mohamed and Paul C. Chiy 603–610

The effects of chronic nitrate supplementation on erythrocytic methaemoglobin reduction in cattle

An animal house study on utilisation of fresh tedera (Bituminaria bituminosa var. albomarginata and crassiuscula) by Merino wethers

Effect of soybean roasting and monensin on microbial protein synthesis, ruminal parameters and plasma metabolites of lactating dairy cows
E. Abdi, F. Fatahnia, M. Dehghan Banadaki, A. Azarfar and S. G. Mosavi 625–629

Effects of two different forage sources on mammary gland growth, mammary cell turnover and activity in early lactation dairy cows
Tong Qin, Haoya Wang, Dengsan Bu, Haisheng Hao, Dong Wang and Huabin Zhu 630–633

Influence of dietary flavours on sheep feeding behaviour and nutrient digestibility
J. J. Villalba, A. Mereu and I. R. Ipharraguerre 634–638

Combining wavelet and linear-regression methods to model the effect of available forage on daily grazing and lying activity of mature Bos indicus cows during summer months
M. S. Gadberry, W. Whitworth and G. Montgomery 639–647

Welfare of recently weaned piglets transported on unpaved roads: the effect of age and the use of straw bedding

Mediterranean river buffalo CSN1S1 gene: search for polymorphisms and association studies

The association between polymorphism of the GH1 gene and changes in protein structure and carcass traits in Mehraban sheep (Ovis aries)
A. Bahrami, S. R. Mirzaei-Ashviani, H. Mehrabani-Yeganeh, H. Banani-Rad and Sh. Behzadi 661–665

Effect of different concentrations of trehalose and glycerol on the freezeability of ram semen using soybean lecithin-based diluents

Correlations among various blood parameters at exsanguination and their relationships to pork quality traits

Association of carcass weight with quality and functional properties of beef from Hanwoo steers
Dinesh D. Jayasena, Ki Chang Nam, Jong Ju Kim, Hyeonju Ahn and Cheorun Jo 680–690