

(Abstracts/contents list published 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 *SCOPUS®*. Full text available on *ScienceDirect®*

Regular papers

| | |
|--|----|
| Polymorphisms identification and associations of <i>KLF7</i> gene with cattle growth traits L. Ma, Y.J. Qu, Y.T. Huai, Z.J. Li, J. Wang, X.Y. Lan, C.L. Zhang, J.Q. Wang and H. Chen | 1 |
| Relationship between body measurements, metabolic hormones, metabolites and residual feed intake in performance tested pedigree beef bulls A.K. Kelly, M. McGee, D.H. Crews Jr., C.O. Lynch, A.R. Wylie, R.D. Evans and D.A. Kenny | 8 |
| Effect of yeast cultures supplementation on live weight change, rumen fermentation, ciliate protozoa population, microbial hydrolytic enzymes status and slaughtering performance of growing lamb M.K. Tripathi and S.A. Karim | 17 |
| Selection response to fleece weight, wool characteristics, and heritability estimates in yearling Romney sheep T. Wuliji, K.G. Dodds, R.N. Andrews and P.R. Turner | 26 |
| Effects of vegetable oil supplementation on feed intake, rumen fermentation, growth performance, and carcass characteristic of growing swamp buffaloes M. Wanapat, C. Mapato, R. Pilajun and W. Toburan | 32 |
| Effects of strategic helminthosis control on age at first lambing and lambing interval of communally grazed Menz ewes in Ethiopia K. Aragaw, M. Teferi, A. Haile and M. Tibbo | 38 |
| Weaning and post-weaning performance by fall-born beef calves weaned on different dates in the spring from <i>Neotyphodium coenophialum</i> -infected tall fescue pastures J.D. Caldwell, K.P. Coffey, W.K. Coblenz, J.A. Jennings, D.S. Hubbell III, D.L. Kreider, M.L. Looper, D.L. Galloway, E.B. Kegley and C.F. Rosenkrans Jr. | 44 |
| The effects of housing system and feeding level on the joint-specific prevalence of osteochondrosis in fattening pigs E.M. van Grevenhof, S. Ott, W. Hazeleger, P.R. van Weeren, P. Bijma and B. Kemp | 53 |
| Acute phase protein response during acute ruminal acidosis in cattle A.M. Danscher, M.B. Thoefner, P.M.H. Heegaard, C.T. Ekstrøm and S. Jacobsen | 62 |
| Effect of dietary supplementation of β -1,3–1,6-glucan on reproductive performance and immunity of New Zealand White does and their pups H.H. Wu, B.B.C. Weng, K.L. Chen, P.W.S. Chiou and B. Yu | 70 |
| Differentially expressed genes in skeletal muscle tissues from castrated Qinchuan cattle males compared with those from intact males Y.-Y. Zhang, L.-S. Zan, H.-B. Wang, L. Qing, K.-X. Wu, S.-A. Quan, C.-Q. Li, X. Zhong and C.-J. Wang | 76 |
| Manipulation of rumen fermentation and ecology of swamp buffalo by coconut oil and garlic powder supplementation P. Kongmun, M. Wanapat, P. Pakdee, C. Navanukraw and Z. Yu | 84 |
| Comparison of enzyme activities and gene expression profiling between yak and bovine skeletal muscles Y.Q. Lin, G.S. Wang, J. Feng, J.Q. Huang, Y.O. Xu, S.Y. Jin, Y.P. Li, Z.R. Jiang and Y.C. Zheng | 93 |
| Short communication | |
| Ruminal dynamics of ad libitum feeding in buffalo bulls receiving different level of rumen degradable protein A. Javaid, M.A. Shahzad, M. Nisa and M. Sarwar | 98 |