

Access
leading
journals in
your subject

Cambridge Core

Explore today at [cambridge.org/core](https://www.cambridge.org/core)

Cambridge Core



CAMBRIDGE
UNIVERSITY PRESS

CONTENTS

<i>Khamisse, E., Dunoyer, C., Ar Gouilh, M., Brown, P., Meurens, F., Meyer, G., Monchatre-Leroy, E., Pavo, N., Simon, G. and Le Poder, S.</i> Opinion paper: Severe Acute Respiratory Syndrome Coronavirus 2 and domestic animals: what relation?	2221
Breeding and genetics	
<i>Sosa-Madrid, B. S., Varona, L., Blasco, A., Hernández, P., Casto-Rebollo, C. and Ibáñez-Escriche, N.</i> The effect of divergent selection for intramuscular fat on the domestic rabbit genome	2225
<i>Déru, V., Bouquet, A., Hassenfratz, C., Blanchet, B., Carillier-Jacquin, C. and Gilbert, H.</i> Impact of a high-fibre diet on genetic parameters of production traits in growing pigs	2236
Nutrition	
<i>Cheng, X., Yan, J. K., Sun, W. Q., Chen, Z. Y., Wu, S. R., Ren, Z. Z. and Yang, X. J.</i> Effect of inorganic phosphate supplementation on egg production in Hy-Line Brown layers fed 2000 FTU/kg phytase	2246
<i>Savietto, D., Paës, C., Cauquil, L., Fortun-Lamothe, L. and Combes, S.</i> Evolution of gut microbial community through reproductive life in female rabbits and investigation of the link with offspring survival	2253
<i>Li, Y. P., Jiang, X. R., Wei, Z. X., Cai, L., Yin, J. D. and Li, X. L.</i> Effects of soybean isoflavones on the growth performance, intestinal morphology and antioxidative properties in pigs	2262
<i>Oliveira, R. A., Neves, J. S., Castro, D. S., Lopes, S. O., Santos, S. L., Silva, S. V. C., Araújo, V. O., Vieira, M. F. A., Muro, B. B. D., Leal, D. F., Carnevale, R. F., Almond, G. and Garbosa, C. A. P.</i> Supplying sows energy on the expected day of farrowing improves farrowing kinetics and newborn piglet performance in the first 24 h after birth	2271
<i>Le Sciellour, M., Zemb, O., Serviento, A.-M. and Renaudeau, D.</i> Transient effect of single or repeated acute deoxynivalenol and zearalenone dietary challenge on fecal microbiota composition in female finishing pigs	2277
<i>Lahart, B., Prendiville, R., Buckley, F., Kennedy, E., Conroy, S. B., Boland, T. M. and McGee, M.</i> The repeatability of feed intake and feed efficiency in beef cattle offered high-concentrate, grass silage and pasture-based diets	2288
<i>Estevam, D. D., Pereira, I. C., Rigueiro, A. L. N., Perdigão, A., da Costa, C. F., Rizzieri, R. A., Pereira, M. C. S., Martins, C. L., Millen, D. D. and Arrigoni, M. D. B.</i> Feedlot performance and rumen morphometrics of Nellore cattle adapted to high-concentrate diets over periods of 6, 9, 14 and 21 days	2298
<i>Knutson, E. E., Menezes, A. C. B., Sun, X., Fontoura, A. B. P., Liu, J. H., Bauer, M. L., Maddock-Carlin, K. R., Swanson, K. C. and Ward, A. K.</i> Effect of feeding a low-vitamin A diet on carcass and production characteristics of steers with a high or low propensity for marbling	2308
<i>Zhang, J., Shi, H. T., Wang, Y. C., Li, S. L., Cao, Z. J., Yang, H. J. and Wang, Y. J.</i> Carbohydrate and amino acid metabolism and oxidative status in Holstein heifers precision-fed diets with different forage to concentrate ratios	2315
Physiology and Functional Biology	
<i>Gasselin, M., Boutinaud, M., Prézélin, A., Debournoux, P., Fargetton, M., Mariani, E., Zawadzki, J., Kiefer, H. and Jammes, H.</i> Effects of micronutrient supplementation on performance and epigenetic status in dairy cows	2326
<i>Nynca, J., Żarski, D., Bobe, J. and Ciereszko, A.</i> Domestication is associated with differential expression of pikeperch egg proteins involved in metabolism, immune response and protein folding	2336
<i>Huang, K., Liang, J. J., Lin, Y. Q., Zhu, J. J., Ma, J. Q. and Wang, Y.</i> Molecular characterization of fibroblast growth factor-16 and its role in promoting the differentiation of intramuscular preadipocytes in goat	2351
Welfare, Behaviour and Health Management	
<i>Dhaoui, A., Chniter, M., Lévy, F., Nowak, R. and Hammadi, M.</i> Does lambing season affect mother-young relationships and lamb vigor in D'man sheep reared in oases?	2363
<i>Robertson, S. M., Boulton, J., Xie, G., Neef, A. and Friend, M. A.</i> Usefulness of pathological examinations of the central nervous system for monitoring and controlling perinatal lamb mortality	2372
Livestock Farming Systems	
<i>Houessou, S. O., Dossa, L. H., Assogba, C. A., Diogo, R. V. C., Vanvanhossou, S. F. U. and Schlecht, E.</i> The role of cross-border transhumance in influencing resident herders' cattle husbandry practices and use of genetic resources	2378
<i>Chaiban, C., Robinson, T. P., Fèvre, E. M., Ogola, J., Akoko, J., Gilbert, M. and Vanwambeke, S. O.</i> Early intensification of backyard poultry systems in the tropics: a case study	2387
<i>Schokker, D., Athanasiadis, I. N., Visser, B., Veerkamp, R. F. and Kamphuis, C.</i> Storing, combining and analysing turkey experimental data in the Big Data era	2397
<i>Groher, T., Heitkamp, K. and Umstätter, C.</i> Digital technology adoption in livestock production with a special focus on ruminant farming	2404
Quality of Animal Products	
<i>Gou, Z. Y., Cui, X. Y., Li, L., Fan, Q. L., Lin, X. J., Wang, Y. B., Jiang, Z. Y. and Jiang, S. Q.</i> Effects of dietary incorporation of linseed oil with soybean isoflavone on fatty acid profiles and lipid metabolism-related gene expression in breast muscle of chickens	2414
<i>Abdelatty, A. M., Mandouh, M. I., Al-Mokaddem, A. K., Mansour, H. A., Khalil, H. M. A., Elolimy, A. A., Ford, H., Farid, O. A. A., Prince, A., Sakr, O. G., Aljuaydi, S. H. and Bionaz, M.</i> Influence of level of inclusion of Azolla leaf meal on growth performance, meat quality and skeletal muscle p70S6 kinase α abundance in broiler chickens	2423
<i>Redoy, M. R. A., Shuvo, A. A. S., Cheng, L. and Al-Mamun, M.</i> Effect of herbal supplementation on growth, immunity, rumen histology, serum antioxidants and meat quality of sheep	2433
Corrigendum	
<i>Liu, J., Tian, K., Sun, Y., Wu, Y., Chen, J., Zhang, R., He, T. and Dong, G.</i> Corrigendum: Effects of the acid-base treatment of corn on rumen fermentation and microbiota, inflammatory response and growth performance in beef cattle fed high-concentrate diet	2442

