

Contents

Volume 62 Issue 5 2022

Review

- An industry survey on litter management and re-use practices of Australian meat chicken growers
C.-M. Pepper and M. W. Dunlop

401–408

Physiology

- Induction of hypocalcaemia and evaluation of reticuloruminal motility using a three-axis accelerometer
Woojae Choi, Younghye Ro, Dohee Kim, Leegon Hong and Danil Kim

409–415

Metabolism and Microbiota

- Breed and diet influence the ruminal bacterial community of sheep
E. C. Greenwood, V. A. Torok and P. I. Hynd

416–429

Nutrition and Metabolism

- Optimisation of branched-chain amino acid requirements for 15–21-day-old broiler chickens by using the Taguchi method
Mohammad Sedghi, Abolghasem Golian, Ali Afsar and Reza Mirshekar

430–439

- Residual feed intake and the inclusion of crude glycerin in the diet of feedlot-finished Nellore cattle
Gabriele Voltareli da Silva, Camila Delveaux Araujo Batalha, Joslaine Noely dos Santos Gonçalves Cyrillo, Roberta Carrilho Canesin, Robson Sfaciotti Barducci and Sarah Figueiredo Martins Bonilha

440–449

Feed Additives and Metabolism

- Effect of probiotic supplementation on performance, morphology and gene expression associated with immune responses in early age of broiler chickens exposed to stress induced by corticosterone injection
Fakhredin Abeddargahi, Hassan Darmani Kuhi, Seyed Hossein Hosseini Moghaddam, Mohammad Roostaei-Ali Mehr, Anahid Hosseini, Reza H. Sajedi and Fatemeh Mohammadpour

450–461

- Effects of *Tremella fuciformis* extract on growth performance, biochemical and immunological parameters of weaned piglets challenged with lipopolysaccharide
Linlin Qin, Guoqi Su, Cheng Wu, Qiang Zhou, Xie Peng, Liang Hu, Yang Liu, Ru Wang, Qin Xu, Zhengfeng Fang, Yan Lin, Shengyu Xu, Bin Feng, Jian Li, De Wu and Lianqiang Che

462–469

Behaviour and Well-being

- The influence of observing a maternal demonstrator on the ability of lambs to learn a virtual fence
Tellisa Kearton, Danila Marini, Caroline Lee and Frances C. Cowley

470–481

Management and Production Systems

- Factors affecting length of productive life of Brazilian Holstein cows assessed using survival analysis
Lorena Carla Gomes Vernaschi, Altair Antonio Valotto, Lenira El Faro Zadra, Rodrigo de Almeida Teixeira and Laila Talarico Dias

482–489

- Motivations for Swiss veal farmers to adopt calf health management strategies that enable reduction in antibiotic use
Julia Rell, Robert Home, Corinne Bähler, Bernadette Oehen, Mette Vaarst, Nadine Wunsch, Martin Kaske and Michael Walkenhorst

490–500