

Yuming Guo

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,470
citations

117571

34
h-index

175177

52
g-index

106
all docs

106
docs citations

106
times ranked

3252
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Methionine deficiency and its hydroxy analogue influence chicken intestinal 3-dimensional organoid development. <i>Animal Nutrition</i> , 2022, 8, 38-51. | 2.1 | 7 |
| 2 | Metabolizable and Net Energy Values of Expanded Cottonseed Meal for Laying Hens and Broiler Chickens. <i>Journal of Poultry Science</i> , 2022, 59, 143-151. | 0.7 | 2 |
| 3 | Effects of dietary glucose oxidase on growth performance and intestinal health of AA broilers challenged by <i>Clostridium perfringens</i> . <i>Poultry Science</i> , 2022, 101, 101553. | 1.5 | 7 |
| 4 | Effect of blending encapsulated essential oils and organic acids as an antibiotic growth promoter alternative on growth performance and intestinal health in broilers with necrotic enteritis. <i>Poultry Science</i> , 2022, 101, 101563. | 1.5 | 37 |
| 5 | Effects of calcium propionate on milk performance and serum metabolome of dairy cows in early lactation. <i>Animal Feed Science and Technology</i> , 2022, 283, 115185. | 1.1 | 7 |
| 6 | Mycotoxins binder supplementation alleviates aflatoxin B1 toxic effects on the immune response and intestinal barrier function in broilers. <i>Poultry Science</i> , 2022, 101, 101683. | 1.5 | 16 |
| 7 | Dietary soya saponin improves the lipid metabolism and intestinal health of laying hens. <i>Poultry Science</i> , 2022, 101, 101663. | 1.5 | 6 |
| 8 | Soya saponin fails to improve the antioxidation and immune function of laying hens with antibiotics treated. <i>Poultry Science</i> , 2022, 101, 101921. | 1.5 | 4 |
| 9 | Comparison and Correlation Analysis of Immune Function and Gut Microbiota of Broiler Chickens Raised in Double-Layer Cages and Litter Floor Pens. <i>Microbiology Spectrum</i> , 2022, 10, . | 1.2 | 5 |
| 10 | Identification of QTL regions and candidate genes for growth and feed efficiency in broilers. <i>Genetics Selection Evolution</i> , 2021, 53, 13. | 1.2 | 17 |
| 11 | Effects of age on immune function in broiler chickens. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 42. | 2.1 | 48 |
| 12 | Effects of housing systems and glucose oxidase on growth performance and intestinal health of Beijing You Chickens. <i>Poultry Science</i> , 2021, 100, 100943. | 1.5 | 9 |
| 13 | Metabolome and Microbiota Analysis Reveals the Conducive Effect of <i>Pediococcus acidilactici</i> BCC-1 and Xylan Oligosaccharides on Broiler Chickens. <i>Frontiers in Microbiology</i> , 2021, 12, 683905. | 1.5 | 10 |
| 14 | Probiotics <i>Bacillus licheniformis</i> Improves Intestinal Health of Subclinical Necrotic Enteritis-Challenged Broilers. <i>Frontiers in Microbiology</i> , 2021, 12, 623739. | 1.5 | 36 |
| 15 | Impact of Different Durations of Fasting on Intestinal Autophagy and Serum Metabolome in Broiler Chicken. <i>Animals</i> , 2021, 11, 2183. | 1.0 | 3 |
| 16 | Advances in Enhanced Menaquinone-7 Production From <i>Bacillus subtilis</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 695526. | 2.0 | 13 |
| 17 | Dietary Tributyrin Administration Improves Intestinal Morphology and Selected Bacterial and Short-Chain Fatty Acid Profiles in Broilers Under an Isocaloric Feeding Regime. <i>Frontiers in Microbiology</i> , 2021, 12, 715712. | 1.5 | 8 |
| 18 | Dietary supplementation of essential oils and lysozyme reduces mortality and improves intestinal integrity of broiler chickens with necrotic enteritis. <i>Animal Science Journal</i> , 2021, 92, e13499. | 0.6 | 14 |

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|----|--|-----|-----------|
| 19 | The duration of food withdrawal affects the intestinal structure, nutrients absorption, and utilization in broiler chicken. <i>FASEB Journal</i> , 2021, 35, e21178. | 0.2 | 5 |
| 20 | Metagenome-assembled genomes and gene catalog from the chicken gut microbiome aid in deciphering antibiotic resistomes. <i>Communications Biology</i> , 2021, 4, 1305. | 2.0 | 49 |
| 21 | Role of Vitamin K in Intestinal Health. <i>Frontiers in Immunology</i> , 2021, 12, 791565. | 2.2 | 30 |
| 22 | Soya saponin improves egg-laying performance and immune function of laying hens. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 126. | 2.1 | 14 |
| 23 | Yeast β -Glucan Altered Intestinal Microbiome and Metabolome in Older Hens. <i>Frontiers in Microbiology</i> , 2021, 12, 766878. | 1.5 | 10 |
| 24 | Dietary fiber and chicken microbiome interaction: Where will it lead to?. <i>Animal Nutrition</i> , 2020, 6, 1-8. | 2.1 | 40 |
| 25 | Effects of Dietary Zinc on Performance, Zinc Transporters Expression, and Immune Response of Aged Laying Hens. <i>Biological Trace Element Research</i> , 2020, 196, 231-242. | 1.9 | 8 |
| 26 | Research on the Applications of Calcium Propionate in Dairy Cows: A Review. <i>Animals</i> , 2020, 10, 1336. | 1.0 | 19 |
| 27 | Regulation of the Paneth cell niche by exogenous L-arginine couples the intestinal stem cell function. <i>FASEB Journal</i> , 2020, 34, 10299-10315. | 0.2 | 15 |
| 28 | Exogenous L-arginine increases intestinal stem cell function through CD90+ stromal cells producing mTORC1-induced Wnt2b. <i>Communications Biology</i> , 2020, 3, 611. | 2.0 | 15 |
| 29 | Effects of Propylene Glycol on Negative Energy Balance of Postpartum Dairy Cows. <i>Animals</i> , 2020, 10, 1526. | 1.0 | 25 |
| 30 | Dietary yeast β -glucan supplementation improves eggshell color and fertile eggs hatchability as well as enhances immune functions in breeder laying hens. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 607-621. | 3.6 | 25 |
| 31 | The association between microbial community and ileal gene expression on intestinal wall thickness alterations in chickens. <i>Poultry Science</i> , 2020, 99, 1847-1861. | 1.5 | 13 |
| 32 | New insights into the associations among feed efficiency, metabolizable efficiency traits and related QTL regions in broiler chickens. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 65. | 2.1 | 21 |
| 33 | Dietary encapsulated essential oils and organic acids mixture improves gut health in broiler chickens challenged with necrotic enteritis. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 18. | 2.1 | 86 |
| 34 | Dynamic accumulation of fatty acids in duck (<i>Anas platyrhynchos</i>) breast muscle and its correlations with gene expression. <i>BMC Genomics</i> , 2020, 21, 58. | 1.2 | 17 |
| 35 | Effects of dietary vitamins supplementation level on the production performance and intestinal microbiota of aged laying hens. <i>Poultry Science</i> , 2020, 99, 3594-3605. | 1.5 | 29 |
| 36 | Dietary supplementation with vitamin C ameliorates the adverse effects of Salmonella Enteritidis-challenge in broilers by shaping intestinal microbiota. <i>Poultry Science</i> , 2020, 99, 3663-3674. | 1.5 | 15 |

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|----|--|-----|-----------|
| 37 | Dietary l-arginine supplementation ameliorates inflammatory response and alters gut microbiota composition in broiler chickens infected with <i>Salmonella enterica</i> serovar Typhimurium. <i>Poultry Science</i> , 2020, 99, 1862-1874. | 1.5 | 40 |
| 38 | Phylogenetic and genomic analysis reveals high genomic openness and genetic diversity of <i>Clostridium perfringens</i> . <i>Microbial Genomics</i> , 2020, 6, . | 1.0 | 20 |
| 39 | Effects of dietary <i>Enterococcus faecium</i> NCIMB 11181 supplementation on growth performance and cellular and humoral immune responses in broiler chickens. <i>Poultry Science</i> , 2019, 98, 150-163. | 1.5 | 37 |
| 40 | Effects of phytonutrients on growth performance, antioxidative status, and energy utilization of broilers fed low energy diets. <i>Animal Nutrition</i> , 2019, 5, 270-277. | 2.1 | 4 |
| 41 | Pretreatment with probiotic <i>Enterococcus faecium</i> NCIMB 11181 ameliorates necrotic enteritis-induced intestinal barrier injury in broiler chickens. <i>Scientific Reports</i> , 2019, 9, 10256. | 1.6 | 43 |
| 42 | In vivo and in vitro protective effect of arginine against intestinal inflammatory response induced by <i>Clostridium perfringens</i> in broiler chickens. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 73. | 2.1 | 31 |
| 43 | Metagenomic insights into effects of thiamine supplementation on ruminal non-methanogen archaea in high-concentrate diets feeding dairy cows. <i>BMC Veterinary Research</i> , 2019, 15, 7. | 0.7 | 10 |
| 44 | A Novel lncRNA Regulates the Toll-Like Receptor Signaling Pathway and Related Immune Function by Stabilizing FOS mRNA as a Competitive Endogenous RNA. <i>Frontiers in Immunology</i> , 2019, 10, 838. | 2.2 | 27 |
| 45 | Supplementing Genistein for Breeder Hens Alters the Fatty Acid Metabolism and Growth Performance of Offsprings by Epigenetic Modification. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15. | 1.9 | 24 |
| 46 | Differential immune responses of C57BL/6 mice to infection by <i>Salmonella enterica</i> serovar Typhimurium strain SL1344, CVCC541 and CMCC50115. <i>Virulence</i> , 2019, 10, 248-259. | 1.8 | 16 |
| 47 | Influence of starch sources and dietary protein levels on intestinal functionality and intestinal mucosal amino acids catabolism in broiler chickens. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 26. | 2.1 | 15 |
| 48 | Simplified Head-to-Tail Cyclic Polypeptides as Biomaterial-Associated Antimicrobials with Endotoxin Neutralizing and Anti-Inflammatory Capabilities. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5904. | 1.8 | 5 |
| 49 | Comparative Study of Different Maternal Zinc Resource Supplementation on Performance and Breast Muscle Development of their Offspring. <i>Biological Trace Element Research</i> , 2019, 190, 197-207. | 1.9 | 3 |
| 50 | Transcriptomic Analysis of Xylan Oligosaccharide Utilization Systems in <i>Pediococcus acidilactici</i> Strain BCC-1. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4725-4733. | 2.4 | 21 |
| 51 | Effect of dietary <i>Bacillus coagulans</i> supplementation on growth performance and immune responses of broiler chickens challenged by <i>Salmonella enteritidis</i> . <i>Poultry Science</i> , 2018, 97, 2654-2666. | 1.5 | 72 |
| 52 | Transcriptomics-Related Mechanisms of Supplementing Laying Broiler Breeder Hens with Dietary Daidzein to Improve the Immune Function and Growth Performance of Offspring. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 2049-2060. | 2.4 | 36 |
| 53 | Effects of <i>Lactobacillus acidophilus</i> on the growth performance and intestinal health of broilers challenged with <i>Clostridium perfringens</i> . <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 25. | 2.1 | 81 |
| 54 | Supplementation of amylase combined with glucoamylase or protease changes intestinal microbiota diversity and benefits for broilers fed a diet of newly harvested corn. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 24. | 2.1 | 39 |

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|----|--|-----|-----------|
| 55 | Maternal Selenium Supplementation Enhanced Skeletal Muscle Development Through Increasing Protein Synthesis and SelW mRNA Levels of their Offspring. <i>Biological Trace Element Research</i> , 2018, 186, 238-248. | 1.9 | 7 |
| 56 | Dietary Genistein Alleviates Lipid Metabolism Disorder and Inflammatory Response in Laying Hens With Fatty Liver Syndrome. <i>Frontiers in Physiology</i> , 2018, 9, 1493. | 1.3 | 48 |
| 57 | Intramuscular preadipocytes impede differentiation and promote lipid deposition of muscle satellite cells in chickens. <i>BMC Genomics</i> , 2018, 19, 838. | 1.2 | 39 |
| 58 | The chicken gut metagenome and the modulatory effects of plant-derived benzylisoquinoline alkaloids. <i>Microbiome</i> , 2018, 6, 211. | 4.9 | 204 |
| 59 | Metagenome sequencing to analyze the impacts of thiamine supplementation on ruminal fungi in dairy cows fed high-concentrate diets. <i>AMB Express</i> , 2018, 8, 159. | 1.4 | 18 |
| 60 | Characterization of Duck (<i>Anas platyrhynchos</i>) Short Tandem Repeat Variation by Population-Scale Genome Resequencing. <i>Frontiers in Genetics</i> , 2018, 9, 520. | 1.1 | 3 |
| 61 | Ascorbic acid synthesis and transportation capacity in old laying hens and the effects of dietary supplementation with ascorbic acid. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 71. | 2.1 | 17 |
| 62 | GC-MS analysis of the ruminal metabolome response to thiamine supplementation during high grain feeding in dairy cows. <i>Metabolomics</i> , 2018, 14, 67. | 1.4 | 31 |
| 63 | Effects of <i>Bacillus coagulans</i> supplementation on the growth performance and gut health of broiler chickens with <i>Clostridium perfringens</i> -induced necrotic enteritis. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 9. | 2.1 | 82 |
| 64 | Dietary genistein supplementation for breeders and their offspring improves the growth performance and immune function of broilers. <i>Scientific Reports</i> , 2018, 8, 5161. | 1.6 | 19 |
| 65 | Dietary vitamin D3 supplementation protects laying hens against lipopolysaccharide-induced immunological stress. <i>Nutrition and Metabolism</i> , 2018, 15, 58. | 1.3 | 31 |
| 66 | Dietary L-arginine Supplementation Alleviates the Intestinal Injury and Modulates the Gut Microbiota in Broiler Chickens Challenged by <i>Clostridium perfringens</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1716. | 1.5 | 64 |
| 67 | Dietary genistein supplementation in laying broiler breeder hens alters the development and metabolism of offspring embryos as revealed by hepatic transcriptome analysis. <i>FASEB Journal</i> , 2018, 32, 4214-4228. | 0.2 | 18 |
| 68 | Effects of dietary phosphorous supplementation on laying performance, egg quality, bone health and immune responses of laying hens challenged with <i>Escherichia coli</i> lipopolysaccharide. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 53. | 2.1 | 18 |
| 69 | Dietary supplemental <i>Kluyveromyces marxianus</i> alters the serum metabolite profile in broiler chickens. <i>Food and Function</i> , 2018, 9, 3776-3787. | 2.1 | 14 |
| 70 | Zinc enhances intestinal epithelial barrier function through the PI3K/AKT/mTOR signaling pathway in Caco-2 cells. <i>Journal of Nutritional Biochemistry</i> , 2017, 43, 18-26. | 1.9 | 113 |
| 71 | Secretions of <i>Bifidobacterium infantis</i> and <i>Lactobacillus acidophilus</i> Protect Intestinal Epithelial Barrier Function. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 64, 404-412. | 0.9 | 81 |
| 72 | Effect of storage time on the characteristics of corn and efficiency of its utilization in broiler chickens. <i>Animal Nutrition</i> , 2017, 3, 252-257. | 2.1 | 20 |

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|----|---|-----|-----------|
| 73 | Effects of dietary l-tryptophan supplementation on intestinal response to chronic unpredictable stress in broilers. <i>Amino Acids</i> , 2017, 49, 1227-1236. | 1.2 | 34 |
| 74 | Supplemental thymol and carvacrol increases ileum <i>Lactobacillus</i> population and reduces effect of necrotic enteritis caused by <i>Clostridium perfringens</i> in chickens. <i>Scientific Reports</i> , 2017, 7, 7334. | 1.6 | 56 |
| 75 | Dietary l-arginine inhibits intestinal <i>Clostridium perfringens</i> colonisation and attenuates intestinal mucosal injury in broiler chickens. <i>British Journal of Nutrition</i> , 2017, 118, 321-332. | 1.2 | 64 |
| 76 | Effect of microencapsulated sodium butyrate dietary supplementation on growth performance and intestinal barrier function of broiler chickens infected with necrotic enteritis. <i>Animal Feed Science and Technology</i> , 2017, 232, 6-15. | 1.1 | 70 |
| 77 | Severe riboflavin deficiency induces alterations in the hepatic proteome of starter Pekin ducks. <i>British Journal of Nutrition</i> , 2017, 118, 641-650. | 1.2 | 17 |
| 78 | Combinatory Evaluation of Transcriptome and Metabolome Profiles of Low Temperature-induced Resistant Ascites Syndrome in Broiler Chickens. <i>Scientific Reports</i> , 2017, 7, 2389. | 1.6 | 5 |
| 79 | Effect of different amylases on the utilization of cornstarch in broiler chickens. <i>Poultry Science</i> , 2017, 96, 1139-1148. | 1.5 | 19 |
| 80 | Effects of <i>Kluyveromyces marxianus</i> supplementation on immune responses, intestinal structure and microbiota in broiler chickens. <i>PLoS ONE</i> , 2017, 12, e0180884. | 1.1 | 21 |
| 81 | Two <i>Lactobacillus</i> Species Inhibit the Growth and $\hat{\pm}$ -Toxin Production of <i>Clostridium perfringens</i> and Induced Proinflammatory Factors in Chicken Intestinal Epithelial Cells in Vitro. <i>Frontiers in Microbiology</i> , 2017, 8, 2081. | 1.5 | 44 |
| 82 | Effects of <i>Lactobacillus acidophilus</i> on gut microbiota composition in broilers challenged with <i>Clostridium perfringens</i> . <i>PLoS ONE</i> , 2017, 12, e0188634. | 1.1 | 75 |
| 83 | Effects of age on intestinal phosphate transport and biochemical values of broiler chickens. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 221-228. | 2.4 | 11 |
| 84 | Dietary live yeast and mannan-oligosaccharide supplementation attenuate intestinal inflammation and barrier dysfunction induced by <i>Escherichia coli</i> in broilers. <i>British Journal of Nutrition</i> , 2016, 116, 1878-1888. | 1.2 | 98 |
| 85 | Effects of live yeast on immune responses and intestinal morphological structure in lipopolysaccharide (LPS)-challenged broilers. <i>Canadian Journal of Animal Science</i> , 2016, , . | 0.7 | 6 |
| 86 | Effects of thymol and carvacrol supplementation on intestinal integrity and immune responses of broiler chickens challenged with <i>Clostridium perfringens</i> . <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 19. | 2.1 | 166 |
| 87 | Effects of live yeast supplementation on lipopolysaccharide-induced inflammatory responses in broilers. <i>Poultry Science</i> , 2016, 95, 2557-2564. | 1.5 | 19 |
| 88 | Combination of Xylanase and Debranching Enzymes Specific to Wheat Arabinoxylan Improve the Growth Performance and Gut Health of Broilers. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4932-4942. | 2.4 | 45 |
| 89 | Effects of dietary yeast $\hat{\beta}$ -glucans supplementation on growth performance, gut morphology, intestinal <i>Clostridium perfringens</i> population and immune response of broiler chickens challenged with necrotic enteritis. <i>Animal Feed Science and Technology</i> , 2016, 215, 144-155. | 1.1 | 64 |
| 90 | Yeast $\hat{\beta}$ -d-glucans induced antimicrobial peptide expressions against <i>Salmonella</i> infection in broiler chickens. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 573-584. | 3.6 | 67 |

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|-----|--|-----|-----------|
| 91 | Involvement of the PKC ϵ -NF κ B signaling pathway in the regulation of T lymphocytes proliferation of chickens by conjugated linoleic acids. <i>Food and Agricultural Immunology</i> , 2016, 27, 40-51. | 0.7 | 1 |
| 92 | Effect of Dietary Nutrient Density on Small Intestinal Phosphate Transport and Bone Mineralization of Broilers during the Growing Period. <i>PLoS ONE</i> , 2016, 11, e0153859. | 1.1 | 6 |
| 93 | In vitro antibacterial activity of thymol and carvacrol and their effects on broiler chickens challenged with <i>Clostridium perfringens</i> . <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 58. | 2.1 | 113 |
| 94 | Inflammatory responses to a <i>Clostridium perfringens</i> type A strain and ϵ -toxin in primary intestinal epithelial cells of chicken embryos. <i>Avian Pathology</i> , 2015, 44, 81-91. | 0.8 | 40 |
| 95 | DNA methylation and histone modification patterns during the late embryonic and early postnatal development of chickens. <i>Poultry Science</i> , 2015, 94, 706-721. | 1.5 | 18 |
| 96 | Effects of dietary essential oil and enzyme supplementation on growth performance and gut health of broilers challenged by <i>Clostridium perfringens</i> . <i>Animal Feed Science and Technology</i> , 2015, 207, 234-244. | 1.1 | 43 |
| 97 | Secreted Metabolites of <i>Bifidobacterium infantis</i> and <i>Lactobacillus acidophilus</i> Protect Immature Human Enterocytes from IL-1 β -Induced Inflammation: A Transcription Profiling Analysis. <i>PLoS ONE</i> , 2015, 10, e0124549. | 1.1 | 41 |
| 98 | Dietary L-arginine supplementation attenuates lipopolysaccharide-induced inflammatory response in broiler chickens. <i>British Journal of Nutrition</i> , 2014, 111, 1394-1404. | 1.2 | 91 |
| 99 | Xylanase supplementation to a wheat-based diet alleviated the intestinal mucosal barrier impairment of broiler chickens challenged by <i>Clostridium perfringens</i> . <i>Avian Pathology</i> , 2012, 41, 291-298. | 0.8 | 89 |
| 100 | Exogenous lysozyme influences <i>Clostridium perfringens</i> colonization and intestinal barrier function in broiler chickens. <i>Avian Pathology</i> , 2010, 39, 17-24. | 0.8 | 105 |
| 101 | L-Arginine Enhances Intestinal Stem Cell Function. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 102 | Fecal Microbiota Transplantation Reshapes the Physiological Function of the Intestine in Antibiotic-Treated Specific Pathogen-Free Birds. <i>Frontiers in Immunology</i> , 0, 13, . | 2.2 | 3 |
| 103 | Determination of metabolisable and net energy contents of corn fed to Arbor Acres broilers and Beijing You chickens. <i>Journal of Animal Physiology and Animal Nutrition</i> , 0, , . | 1.0 | 1 |