Chuntian Zheng

List of Publications by Year
in descending order

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48 papers	1,258 citations	394421 19 h-index	377865 34 g-index
48 all docs	48 docs citations	48 times ranked	1534 citing authors

#	Article	IF	Citations
1	Dietary zinc supplementation affects eggshell quality and ultrastructure in commercial laying ducks by influencing calcium metabolism. Poultry Science, 2022, 101, 101539.	3.4	2
2	Age-related changes in eggshell physical properties, ultrastructure, calcium metabolism-related serum indices, and gene expression in eggshell gland during eggshell formation in commercial laying ducks. Poultry Science, 2022, 101, 101573.	3.4	5
3	Effects of dietary sunflower meal supplementation on productive performance, antioxidative capacity, lipid metabolism, and gut microbiota in laying ducks. Animal Feed Science and Technology, 2022, 285, 115215.	2.2	1
4	Condensed tannins alleviate aflatoxin B1-induced injury in Chinese sea bass (Lateolabrax maculatus). Aquaculture, 2022, 552, 738029.	3.5	4
5	Identification of a microalgae-yeast coculture system for nutrient removal in shrimp culture wastewater. Journal of Applied Phycology, 2021, 33, 879-890.	2.8	8
6	Nutritional impacts of using graded levels of dietary linoleic acid on egg production, egg quality, and yolk fatty acid profile of laying ducks. Italian Journal of Animal Science, 2021, 20, 112-118.	1.9	1
7	Effects of dietary barley inclusion and glucanase supplementation on the production performance, egg quality and digestive functions in laying ducks. Animal Nutrition, 2021, 7, 176-184.	5.1	1
8	Unraveling the characterization of minichromosome maintenance complex component 2 (MCM2) gene and its SNPs associated with cold-tolerance trait in Pacific white shrimp (Litopenaeus vannamei). Aquaculture Reports, 2021, 19, 100610.	1.7	3
9	Marinobacter shengliensis subsp. alexandrii Subsp. Nov., Isolated from Cultivable Phycosphere Microbiota of Highly Toxic Dinoflagellate Alexandrium catenella LZT09 and Description of Marinobacter shengliensis Subsp. shengliensis Subsp. Nov. Current Microbiology, 2021, 78, 1648-1655.	2.2	3
10	Tryptophan in poultry nutrition: Impacts and mechanisms of action. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 1146-1153.	2.2	18
11	The application of reduced dietary crude protein levels supplemented with additional amino acids in laying ducks. Poultry Science, 2021, 100, 100983.	3.4	4
12	Effects of phytase and 25â€hydroxyvitamin D3 supplementation on growth performance and bone development in weaned piglets in Caâ€•and Pâ€deficient dietary. Journal of the Science of Food and Agriculture, 2021, , .	3.5	5
13	Estimation of dietary tryptophan requirement for laying duck breeders: effects on productive and reproductive performance, egg quality, reproductive organ and ovarian follicle development and serum biochemical indices. Poultry Science, 2021, 100, 101145.	3.4	0
14	Effects of maternal and progeny dietary selenium supplementation on growth performance and antioxidant capacity in ducklings. Poultry Science, 2021, 101, 101574.	3.4	5
15	Effects of dietary iron on reproductive performance of Chinese Yellow broiler breeder hens during the egg-laying period. Poultry Science, 2020, 99, 3921-3929.	3.4	13
16	Estimation of dietary manganese requirement for laying duck breeders: effects on productive and reproductive performance, egg quality, tibial characteristics, and serum biochemical and antioxidant indices. Poultry Science, 2020, 99, 5752-5762.	3.4	11
17	The effects of dietary Se on productive and reproductive performance, tibial quality, and antioxidant capacity in laying duck breeders. Poultry Science, 2020, 99, 3971-3978.	3.4	10
18	Estimation of dietary zinc requirement for laying duck breeders: effects on productive and reproductive performance, egg quality, tibial characteristics, plasma biochemical and antioxidant indices, and zinc deposition. Poultry Science, 2020, 99, 454-462.	3.4	19

#	Article	IF	Citations
19	Effects of Dietary Iron Level on Growth Performance, Immune Organ Indices and Meat Quality in Chinese Yellow Broilers. Animals, 2020, 10, 670.	2.3	16
20	Inclusion of Chlorella water extract in Oreochromis niloticus fingerling diets: Effects on growth performance, body composition, digestive enzyme activity, antioxidant and immune capacity, intestine and hepatic histomorphology and sodium nitrite stress resistance. Aquaculture Reports, 2020, 18, 100547.	1.7	4
21	Nutritional modulation of fertility in male poultry. Poultry Science, 2020, 99, 5637-5646.	3.4	12
22	Mechanism of continuous high temperature affecting growth performance, meat quality, and muscle biochemical properties of finishing pigs. Genes and Nutrition, 2019, 14, 23.	2.5	18
23	Threonine Requirements in Dietary Low Crude Protein for Laying Hens under High-Temperature Environmental Climate. Animals, 2019, 9, 586.	2.3	7
24	Estimation of calcium requirements for optimal productive and reproductive performance, eggshell and tibial quality in egg-type duck breeders. Animal, 2019, 13, 2207-2215.	3.3	13
25	Harmful Effects and Control Strategies of Aflatoxin B1 Produced by Aspergillus flavus and Aspergillus parasiticus Strains on Poultry: Review. Toxins, 2019, 11, 176.	3.4	107
26	Effects of dietary methionine on productivity, reproductive performance, antioxidant capacity, ovalbumin and antioxidant-related gene expression in laying duck breeders. British Journal of Nutrition, 2018, 119, 121-130.	2.3	26
27	Fecal scores and microbial metabolites in weaned piglets fed different protein sources and levels. Animal Nutrition, 2018, 4, 31-36.	5.1	31
28	Nutritional requirements of meat-type and egg-type ducks: what do we know?. Journal of Animal Science and Biotechnology, 2018, 9, 1.	5.3	70
29	Effects of dietary lysine supplementation on performance, egg quality, and development of reproductive system in egg-laying ducks. Journal of Applied Animal Research, 2018, 46, 386-391.	1.2	6
30	Effects of constant or intermittent high temperature on egg production, feed intake, and hypothalamic expression of antioxidant and pro-oxidant enzymes genes in laying ducks1. Journal of Animal Science, 2018, 96, 5064-5074.	0.5	14
31	Effects of low-molecular-weight chitosan on the growth performance, intestinal morphology, barrier function, cytokine expression and antioxidant system of weaned piglets. BMC Veterinary Research, 2018, 14, 215.	1.9	30
32	Estimation of dietary arginine requirements for Longyan laying ducks. Poultry Science, 2017, 96, 144-150.	3.4	13
33	Low-Molecular-Weight Chitosan Supplementation Increases the Population of Prevotella in the Cecal Contents of Weanling Pigs. Frontiers in Microbiology, 2017, 8, 2182.	3.5	31
34	Effects of equol on H2 O2-induced oxidative stress in primary chicken intestinal epithelial cells. Poultry Science, 2016, 95, 1380-1386.	3.4	33
35	Dietary supplementation with a high dose of daidzein enhances the antioxidant capacity in swine muscle but experts pro-oxidant function in liver and fat tissues. Journal of Animal Science and Biotechnology, 2016, 7, 43.	5.3	20
36	Effects of different forms of yeast Saccharomyces cerevisiae on growth performance, intestinal development, and systemic immunity in early-weaned piglets. Journal of Animal Science and Biotechnology, 2015, 6, 47.	5.3	51

#	Article	IF	Citations
37	Effects of protein sources and levels in antibiotic-free diets on diarrhea, intestinal morphology, and expression of tight junctions in weaned piglets. Animal Nutrition, 2015, 1, 170-176.	5.1	47
38	Equol Inhibits LPS-Induced Oxidative Stress and Enhances the Immune Response in Chicken HD11 Macrophages. Cellular Physiology and Biochemistry, 2015, 36, 611-621.	1.6	47
39	Dietary soy isoflavone attenuated growth performance and intestinal barrier functions in weaned piglets challenged with lipopolysaccharide. International Immunopharmacology, 2015, 28, 288-294.	3.8	54
40	Dietary vitamin D3 requirement of Chinese yellow-feathered broilers. Poultry Science, 2015, 94, 2210-2220.	3.4	13
41	Effects of rice bran on performance, egg quality, oxidative status, yolk fatty acid composition, and fatty acid metabolism-related gene expression in laying ducks. Poultry Science, 2015, 94, 2944-2951.	3.4	22
42	Dietary L-Arginine Supplementation Affects the Skeletal Longissimus Muscle Proteome in Finishing Pigs. PLoS ONE, 2015, 10, e0117294.	2.5	38
43	Dietary l-arginine supplementation enhances placental growth and reproductive performance in sows. Amino Acids, 2012, 42, 2207-2214.	2.7	116
44	Regulation of protein turnover by l-glutamine in porcine intestinal epithelial cells. Journal of Nutritional Biochemistry, 2012, 23, 1012-1017.	4.2	66
45	Effects of Dietary Supplementation with Combined Arginine and Glutamine on Growth Performance and Small Intestinal Development in Neonatal Piglets. Journal of Animal and Veterinary Advances, 2012, 11, 3187-3193.	0.1	2
46	Relationship between proteome changes of Longissimus muscle and intramuscular fat content in finishing pigs fed conjugated linoleic acid. British Journal of Nutrition, 2011, 105, 1-9.	2.3	33
47	Regulation of protein metabolism by glutamine: implications for nutrition and health. Frontiers in Bioscience - Landmark, 2011, 16, 578.	3.0	75
48	Dietary arginine supplementation enhances antioxidative capacity and improves meat quality of finishing pigs. Amino Acids, 2010, 38, 95-102.	2.7	130