

Chuntian Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

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 arginine supplementation enhances antioxidative capacity and improves meat quality of finishing pigs. <i>Amino Acids</i> , 2010, 38, 95-102.	2.7	130
2	Dietary l-arginine supplementation enhances placental growth and reproductive performance in sows. <i>Amino Acids</i> , 2012, 42, 2207-2214.	2.7	116
3	Harmful Effects and Control Strategies of Aflatoxin B1 Produced by <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> Strains on Poultry: Review. <i>Toxins</i> , 2019, 11, 176.	3.4	107
4	Regulation of protein metabolism by glutamine: implications for nutrition and health. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 578.	3.0	75
5	Nutritional requirements of meat-type and egg-type ducks: what do we know?. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 1.	5.3	70
6	Regulation of protein turnover by l-glutamine in porcine intestinal epithelial cells. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1012-1017.	4.2	66
7	Dietary soy isoflavone attenuated growth performance and intestinal barrier functions in weaned piglets challenged with lipopolysaccharide. <i>International Immunopharmacology</i> , 2015, 28, 288-294.	3.8	54
8	Effects of different forms of yeast <i>Saccharomyces cerevisiae</i> on growth performance, intestinal development, and systemic immunity in early-weaned piglets. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 47.	5.3	51
9	Effects of protein sources and levels in antibiotic-free diets on diarrhea, intestinal morphology, and expression of tight junctions in weaned piglets. <i>Animal Nutrition</i> , 2015, 1, 170-176.	5.1	47
10	Equol Inhibits LPS-Induced Oxidative Stress and Enhances the Immune Response in Chicken HD11 Macrophages. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 611-621.	1.6	47
11	Dietary L-Arginine Supplementation Affects the Skeletal Longissimus Muscle Proteome in Finishing Pigs. <i>PLoS ONE</i> , 2015, 10, e0117294.	2.5	38
12	Relationship between proteome changes of <i>Longissimus muscle</i> and intramuscular fat content in finishing pigs fed conjugated linoleic acid. <i>British Journal of Nutrition</i> , 2011, 105, 1-9.	2.3	33
13	Effects of equol on H ₂ O ₂ -induced oxidative stress in primary chicken intestinal epithelial cells. <i>Poultry Science</i> , 2016, 95, 1380-1386.	3.4	33
14	Low-Molecular-Weight Chitosan Supplementation Increases the Population of <i>Prevotella</i> in the Cecal Contents of Weanling Pigs. <i>Frontiers in Microbiology</i> , 2017, 8, 2182.	3.5	31
15	Fecal scores and microbial metabolites in weaned piglets fed different protein sources and levels. <i>Animal Nutrition</i> , 2018, 4, 31-36.	5.1	31
16	Effects of low-molecular-weight chitosan on the growth performance, intestinal morphology, barrier function, cytokine expression and antioxidant system of weaned piglets. <i>BMC Veterinary Research</i> , 2018, 14, 215.	1.9	30
17	Effects of dietary methionine on productivity, reproductive performance, antioxidant capacity, ovalbumin and antioxidant-related gene expression in laying duck breeders. <i>British Journal of Nutrition</i> , 2018, 119, 121-130.	2.3	26
18	Effects of rice bran on performance, egg quality, oxidative status, yolk fatty acid composition, and fatty acid metabolism-related gene expression in laying ducks. <i>Poultry Science</i> , 2015, 94, 2944-2951.	3.4	22

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19	Dietary supplementation with a high dose of daidzein enhances the antioxidant capacity in swine muscle but impairs pro-oxidant function in liver and fat tissues. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 43.	5.3	20
20	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. <i>Poultry Science</i> , 2020, 99, 454-462.	3.4	19
21	Mechanism of continuous high temperature affecting growth performance, meat quality, and muscle biochemical properties of finishing pigs. <i>Genes and Nutrition</i> , 2019, 14, 23.	2.5	18
22	Tryptophan in poultry nutrition: Impacts and mechanisms of action. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 1146-1153.	2.2	18
23	Effects of Dietary Iron Level on Growth Performance, Immune Organ Indices and Meat Quality in Chinese Yellow Broilers. <i>Animals</i> , 2020, 10, 670.	2.3	16
24	Effects of constant or intermittent high temperature on egg production, feed intake, and hypothalamic expression of antioxidant and pro-oxidant enzymes genes in laying ducks ¹ . <i>Journal of Animal Science</i> , 2018, 96, 5064-5074.	0.5	14
25	Dietary vitamin D3 requirement of Chinese yellow-feathered broilers. <i>Poultry Science</i> , 2015, 94, 2210-2220.	3.4	13
26	Estimation of dietary arginine requirements for Longyan laying ducks. <i>Poultry Science</i> , 2017, 96, 144-150.	3.4	13
27	Estimation of calcium requirements for optimal productive and reproductive performance, eggshell and tibial quality in egg-type duck breeders. <i>Animal</i> , 2019, 13, 2207-2215.	3.3	13
28	Effects of dietary iron on reproductive performance of Chinese Yellow broiler breeder hens during the egg-laying period. <i>Poultry Science</i> , 2020, 99, 3921-3929.	3.4	13
29	Nutritional modulation of fertility in male poultry. <i>Poultry Science</i> , 2020, 99, 5637-5646.	3.4	12
30	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. <i>Poultry Science</i> , 2020, 99, 5752-5762.	3.4	11
31	The effects of dietary Se on productive and reproductive performance, tibial quality, and antioxidant capacity in laying duck breeders. <i>Poultry Science</i> , 2020, 99, 3971-3978.	3.4	10
32	Identification of a microalgae-yeast coculture system for nutrient removal in shrimp culture wastewater. <i>Journal of Applied Phycology</i> , 2021, 33, 879-890.	2.8	8
33	Threonine Requirements in Dietary Low Crude Protein for Laying Hens under High-Temperature Environmental Climate. <i>Animals</i> , 2019, 9, 586.	2.3	7
34	Effects of dietary lysine supplementation on performance, egg quality, and development of reproductive system in egg-laying ducks. <i>Journal of Applied Animal Research</i> , 2018, 46, 386-391.	1.2	6
35	Effects of phytase and 25-hydroxyvitamin D3 supplementation on growth performance and bone development in weaned piglets in Ca ²⁺ - and P ³⁺ -deficient dietary. <i>Journal of the Science of Food and Agriculture</i> , 2021, , .	3.5	5
36	Effects of maternal and progeny dietary selenium supplementation on growth performance and antioxidant capacity in ducklings. <i>Poultry Science</i> , 2021, 101, 101574.	3.4	5

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37	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. <i>Poultry Science</i> , 2022, 101, 101573.	3.4	5
38	The application of reduced dietary crude protein levels supplemented with additional amino acids in laying ducks. <i>Poultry Science</i> , 2021, 100, 100983.	3.4	4
39	Inclusion of <i>Chlorella</i> water extract in <i>Oreochromis niloticus</i> fingerling diets: Effects on growth performance, body composition, digestive enzyme activity, antioxidant and immune capacity, intestine and hepatic histomorphology and sodium nitrite stress resistance. <i>Aquaculture Reports</i> , 2020, 18, 100547.	1.7	4
40	Condensed tannins alleviate aflatoxin B1-induced injury in Chinese sea bass (<i>Lateolabrax maculatus</i>). <i>Aquaculture</i> , 2022, 552, 738029.	3.5	4
41	Unraveling the characterization of minichromosome maintenance complex component 2 (MCM2) gene and its SNPs associated with cold-tolerance trait in Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Aquaculture Reports</i> , 2021, 19, 100610.	1.7	3
42	<i>Marinobacter shengliensis</i> subsp. <i>alexandrii</i> Subsp. Nov., Isolated from Cultivable Phycosphere Microbiota of Highly Toxic Dinoflagellate <i>Alexandrium catenella</i> LZT09 and Description of <i>Marinobacter shengliensis</i> Subsp. <i>shengliensis</i> Subsp. Nov. <i>Current Microbiology</i> , 2021, 78, 1648-1655.	2.2	3
43	Effects of Dietary Supplementation with Combined Arginine and Glutamine on Growth Performance and Small Intestinal Development in Neonatal Piglets. <i>Journal of Animal and Veterinary Advances</i> , 2012, 11, 3187-3193.	0.1	2
44	Dietary zinc supplementation affects eggshell quality and ultrastructure in commercial laying ducks by influencing calcium metabolism. <i>Poultry Science</i> , 2022, 101, 101539.	3.4	2
45	Nutritional impacts of using graded levels of dietary linoleic acid on egg production, egg quality, and yolk fatty acid profile of laying ducks. <i>Italian Journal of Animal Science</i> , 2021, 20, 112-118.	1.9	1
46	Effects of dietary barley inclusion and glucanase supplementation on the production performance, egg quality and digestive functions in laying ducks. <i>Animal Nutrition</i> , 2021, 7, 176-184.	5.1	1
47	Effects of dietary sunflower meal supplementation on productive performance, antioxidative capacity, lipid metabolism, and gut microbiota in laying ducks. <i>Animal Feed Science and Technology</i> , 2022, 285, 115215.	2.2	1
48	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. <i>Poultry Science</i> , 2021, 100, 101145.	3.4	0