

Woo Kyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,879
citations

331538

21
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302012

39
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70
docs citations

70
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Chicken Gut Microbiota: Importance and Detection Technology. <i>Frontiers in Veterinary Science</i> , 2018, 5, 254.	0.9	274
2	Review: Roles of Prebiotics in Intestinal Ecosystem of Broilers. <i>Frontiers in Veterinary Science</i> , 2018, 5, 245.	0.9	131
3	Effect of antibiotic withdrawal in feed on chicken gut microbial dynamics, immunity, growth performance and prevalence of foodborne pathogens. <i>PLoS ONE</i> , 2018, 13, e0192450.	1.1	112
4	Enhancing Tolerance of Broiler Chickens to Heat Stress by Supplementation with Vitamin E, Vitamin C and/or Probiotics. <i>Annals of Animal Science</i> , 2017, 17, 1155-1169.	0.6	82
5	Graded <i>Eimeria</i> challenge linearly regulated growth performance, dynamic change of gastrointestinal permeability, apparent ileal digestibility, intestinal morphology, and tight junctions of broiler chickens. <i>Poultry Science</i> , 2020, 99, 4203-4216.	1.5	81
6	Novel oxysterols have pro-osteogenic and anti-adipogenic effects in vitro and induce spinal fusion in vivo. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1673-1684.	1.2	67
7	The effect of dietary fructooligosaccharide supplementation on growth performance, intestinal morphology, and immune responses in broiler chickens challenged with <i>Salmonella</i> Enteritidis lipopolysaccharides. <i>Poultry Science</i> , 2015, 94, 2887-2897.	1.5	62
8	Concepts and methods for understanding bone metabolism in laying hens. <i>World's Poultry Science Journal</i> , 2012, 68, 71-82.	1.4	61
9	Role of Dietary Fiber in Poultry Nutrition. <i>Animals</i> , 2021, 11, 461.	1.0	58
10	Impacts of increasing challenge with <i>Eimeria maxima</i> on the growth performance and gene expression of biomarkers associated with intestinal integrity and nutrient transporters. <i>Veterinary Research</i> , 2021, 52, 81.	1.1	48
11	Effects of Dietary Fiber on Nutrients Utilization and Gut Health of Poultry: A Review of Challenges and Opportunities. <i>Animals</i> , 2021, 11, 181.	1.0	46
12	The effects of different doses of curcumin compound on growth performance, antioxidant status, and gut health of broiler chickens challenged with <i>Eimeria</i> species. <i>Poultry Science</i> , 2020, 99, 5936-5945.	1.5	46
13	Effects of additional dosage of vitamin D3, vitamin D2, and 25-hydroxyvitamin D3 on calcium and phosphorus utilization, egg quality and bone mineralization in laying hens. <i>Poultry Science</i> , 2020, 99, 364-373.	1.5	41
14	Effect of dietary fructooligosaccharide supplementation on internal organs <i>Salmonella</i> colonization, immune response, ileal morphology, and ileal immunohistochemistry in laying hens challenged with <i>Salmonella enteritidis</i> . <i>Poultry Science</i> , 2018, 97, 2525-2533.	1.5	40
15	Dietary Application of Tannins as a Potential Mitigation Strategy for Current Challenges in Poultry Production: A Review. <i>Animals</i> , 2020, 10, 2389.	1.0	33
16	The effects of L-Arginine supplementation on growth performance and intestinal health of broiler chickens challenged with <i>Eimeria</i> spp.. <i>Poultry Science</i> , 2020, 99, 5844-5857.	1.5	30
17	The effects of cellulose and soybean hulls as sources of dietary fiber on the growth performance, organ growth, gut histomorphology, and nutrient digestibility of broiler chickens. <i>Poultry Science</i> , 2020, 99, 6828-6836.	1.5	28
18	Effects of Inorganic Zn and Cu Supplementation on Gut Health in Broiler Chickens Challenged With <i>Eimeria</i> spp.. <i>Frontiers in Veterinary Science</i> , 2020, 7, 230.	0.9	27

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19	Keel bone injury in laying hens: the prevalence of injuries in relation to different housing systems, implications, and potential solutions. <i>World's Poultry Science Journal</i> , 2019, 75, 285-292.	1.4	25
20	Effect of dietary bacteriophage supplementation on internal organs, fecal excretion, and ileal immune response in laying hens challenged by <i>Salmonella Enteritidis</i> . <i>Poultry Science</i> , 2017, 96, 3264-3271.	1.5	24
21	Role of long-term supplementation of 25-hydroxyvitamin D3 on laying hen bone 3-dimensional structural development. <i>Poultry Science</i> , 2020, 99, 5771-5782.	1.5	24
22	Effects of low-crude protein diets supplemented with arginine, glutamine, threonine, and methionine on regulating nutrient absorption, intestinal health, and growth performance of <i>Eimeria</i> -infected chickens. <i>Poultry Science</i> , 2021, 100, 101427.	1.5	23
23	Functional role of branched chain amino acids in poultry: a review. <i>Poultry Science</i> , 2022, 101, 101715.	1.5	23
24	Reduction of nitrogen excretion and emissions from poultry: a review for conventional poultry. <i>World's Poultry Science Journal</i> , 2016, 72, 509-520.	1.4	22
25	Assay considerations for fluorescein isothiocyanate-dextran (FITC-d): an indicator of intestinal permeability in broiler chickens. <i>Poultry Science</i> , 2021, 100, 101202.	1.5	22
26	Research Note: Effect of organic acid mixture on growth performance and <i>Salmonella Typhimurium</i> colonization in broiler chickens. <i>Poultry Science</i> , 2020, 99, 2645-2649.	1.5	21
27	The effect of phytase and fructooligosaccharide supplementation on growth performance, bone quality, and phosphorus utilization in broiler chickens. <i>Poultry Science</i> , 2015, 94, 955-964.	1.5	19
28	The application of micro-CT in egg-laying hen bone analysis: introducing an automated bone separation algorithm. <i>Poultry Science</i> , 2020, 99, 5175-5183.	1.5	19
29	Effects of Tannic Acid Supplementation on Growth Performance, Oocyst Shedding, and Gut Health of in Broilers Infected with <i>Eimeria Maxima</i> . <i>Animals</i> , 2022, 12, 1378.	1.0	19
30	Effects of 25-(OH)D3 on fecal Ca and P excretion, bone mineralization, Ca and P transporter mRNA expression and performance in growing female pigs. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015, 50, 293-299.	0.7	17
31	Effects of <i>Eimeria tenella</i> Infection on Key Parameters for Feed Efficiency in Broiler Chickens. <i>Animals</i> , 2021, 11, 3428.	1.0	16
32	A high-fat diet differentially regulates glutathione phenotypes in the obesity-prone mouse strains DBA/2J, C57BL/6J, and AKR/J. <i>Nutrition Research</i> , 2016, 36, 1316-1324.	1.3	15
33	Effect of Age on Bone Structure Parameters in Laying Hens. <i>Animals</i> , 2021, 11, 570.	1.0	15
34	Effects of combination of mannan-oligosaccharides and β -glucan on growth performance, intestinal morphology, and immune gene expression in broiler chickens. <i>Poultry Science</i> , 2021, 100, 101483.	1.5	15
35	Insight Into Dynamics of Gut Microbial Community of Broilers Fed With Fructooligosaccharides Supplemented Low Calcium and Phosphorus Diets. <i>Frontiers in Veterinary Science</i> , 2019, 6, 95.	0.9	14
36	The effects of total sulfur amino acids on the intestinal health status of broilers challenged with <i>Eimeria</i> spp.. <i>Poultry Science</i> , 2020, 99, 5027-5036.	1.5	14

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37	Effects of fiber type, particle size, and inclusion level on the growth performance, digestive organ growth, intestinal morphology, intestinal viscosity, and gene expression of broilers. <i>Poultry Science</i> , 2021, 100, 101397.	1.5	14
38	Evaluation of nitro compounds as feed additives in diets of <i>Eimeria</i> -challenged broilers in <i>in vitro</i> and <i>in vivo</i> . <i>Poultry Science</i> , 2020, 99, 1320-1325.	1.5	13
39	Evaluating endogenous loss and standard ileal digestibility of amino acids in response to the graded severity levels of <i>E. maxima</i> infection. <i>Poultry Science</i> , 2021, 100, 101426.	1.5	13
40	Transcriptome analysis of hen preadipocytes treated with an adipogenic cocktail (DMIOA) with or without 20(S)-hydroxycholesterol. <i>BMC Genomics</i> , 2015, 16, 91.	1.2	12
41	2-Nitro-1-propanol improved nutrient digestibility and oocyst shedding but not growth performance of <i>Eimeria</i> -challenged broilers. <i>Poultry Science</i> , 2020, 99, 4314-4322.	1.5	12
42	The effect of total sulfur amino acid levels on growth performance and bone metabolism in pullets under heat stress. <i>Poultry Science</i> , 2020, 99, 5783-5791.	1.5	12
43	Effect of a Phytogenic Feed Additive on Growth Performance, Nutrient Digestion, and Immune Response in Broiler-Fed Diets with Two Different Levels of Crude Protein. <i>Animals</i> , 2021, 11, 775.	1.0	12
44	Effect of almond hulls as an alternative ingredient on broiler performance, nutrient digestibility, and cecal microbiota diversity. <i>Poultry Science</i> , 2021, 100, 100853.	1.5	12
45	Nutrient profile and effects of carinata meal as alternative feed ingredient on broiler performance, tight junction gene expression and intestinal morphology. <i>Poultry Science</i> , 2022, 101, 101411.	1.5	12
46	Effect of almond hulls on the performance, egg quality, nutrient digestibility, and body composition of laying hens. <i>Poultry Science</i> , 2021, 100, 101286.	1.5	12
47	Enhancement of microbial nitrification to reduce ammonia emission from poultry manure: a review. <i>World's Poultry Science Journal</i> , 2014, 70, 839-856.	1.4	11
48	Effects of phytase and multcarbohydrase on growth performance, bone mineralization, and nutrient digestibility in broilers fed a nutritionally reduced diet. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100146.	0.6	11
49	Effect of low levels of dietary available phosphorus on phosphorus utilization, bone mineralization, phosphorus transporter mRNA expression and performance in growing pigs. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 395-401.	0.7	10
50	Role of long-term supplementation of 25-hydroxyvitamin D3 on egg production and egg quality of laying hen. <i>Poultry Science</i> , 2020, 99, 6899-6906.	1.5	10
51	Effect of 20(S)-Hydroxycholesterol on Multilineage Differentiation of Mesenchymal Stem Cells Isolated from Compact Bones in Chicken. <i>Genes</i> , 2020, 11, 1360.	1.0	9
52	Relationship between chemical composition and standardized ileal digestible amino acid contents of corn grain in broiler chickens. <i>Poultry Science</i> , 2020, 99, 4496-4504.	1.5	9
53	Effects of dietary energy level and 1,3-diacylglycerol on growth performance and carcass yield in broilers. <i>Journal of Applied Poultry Research</i> , 2020, 29, 665-672.	0.6	8
54	Comprehensive analysis of coding and non-coding RNA transcriptomes related to hypoxic adaptation in Tibetan chickens. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 60.	2.1	8

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55	Effects of dietary protein, energy and β -mannanase on laying performance, egg quality, and ileal amino acid digestibility in laying hens. <i>Poultry Science</i> , 2021, 100, 101312.	1.5	8
56	Influence of rapeseed, canola meal and glucosinolate metabolite (AITC) as potential antimicrobials: effects on growth performance, and gut health in <i>Salmonella Typhimurium</i> challenged broiler chickens. <i>Poultry Science</i> , 2022, 101, 101551.	1.5	8
57	Influence of <i>Brassica</i> spp. rapeseed and canola meal, and supplementation of bioactive compound (AITC) on growth performance, intestinal-permeability, oocyst shedding, lesion score, histomorphology, and gene expression of broilers challenged with <i>E. maxima</i> . <i>Poultry Science</i> , 2022, 101, 101583.	1.5	8
58	Reduction of nitrogen excretion and emission in poultry: A review for organic poultry. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 230-235.	0.7	6
59	Supplementation of nitrocompounds in broiler diets: Effects on bird performance, ammonia volatilization and nitrogen retention in broiler manure. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 126-131.	0.7	6
60	Evaluation of a novel corn-expressed phytase on growth performance and bone mineralization in broilers fed different levels of dietary nonphytate phosphorus. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100120.	0.6	6
61	Effect of almond hulls on the growth performance, body composition, digestive tract weight, and liver antioxidant capacity of broilers. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100149.	0.6	5
62	Effects of 20(S)-hydroxycholesterol on satellite cell proliferation and differentiation of broilers. <i>Poultry Science</i> , 2021, 100, 474-481.	1.5	4
63	Roles of Nitrocompounds in Inhibition of Foodborne Bacteria, Parasites, and Methane Production in Economic Animals. <i>Animals</i> , 2021, 11, 923.	1.0	4
64	Fatty Acids Have Different Adipogenic Differentiation Potentials in Stromal Vascular Cells Isolated from Abdominal Fat in Laying Hens. <i>Lipids</i> , 2017, 52, 513-522.	0.7	3
65	The effect of a dacitic (rhyolitic) tuff breccia on growth, intestinal health, and inflammatory and antioxidant responses in broilers challenged with a chronic cyclic heat stress. <i>Journal of Applied Poultry Research</i> , 2021, 31, 100213.	0.6	3
66	Effect of enzyme-modified yeast products on <i>Salmonella Enteritidis</i> colonization in different organs of laying hens. <i>Journal of Applied Poultry Research</i> , 2023, 32, 100277.	0.6	3
67	Evaluation of using magnetic nanoparticle attached phosphorus species as supplemental phosphorous source in broiler diet. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100169.	0.6	1
68	Phenamil enhances the adipogenic differentiation of hen preadipocytes. <i>Cell Biology International</i> , 2016, 40, 1123-1128.	1.4	0
69	Applied Research Note: Exogenous lipase supplementation to low-energy, low-protein, and low- ω -amino acid diets for broiler chickens from one to 42 d. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100117.	0.6	0