

Xiaoting Zou

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Effects of In Ovo Methionine-Cysteine Injection on Embryonic Development, Antioxidant Status, IGF-I and TLR4 Gene Expression, and Jejunum Histomorphometry in Newly Hatched Broiler Chicks Exposed to Heat Stress during Incubation. <i>Animals</i> , 2019, 9, 25.	2.3	54
2	Early Intervention With Cecal Fermentation Broth Regulates the Colonization and Development of Gut Microbiota in Broiler Chickens. <i>Frontiers in Microbiology</i> , 2019, 10, 1422.	3.5	37
3	Effect of expanded cottonseed meal on laying performance, egg quality, concentrations of free gossypol in tissue, serum and egg of laying hens. <i>Animal Science Journal</i> , 2014, 85, 549-554.	1.4	30
4	MAPK, AKT/FoxO3a and mTOR pathways are involved in cadmium regulating the cell cycle, proliferation and apoptosis of chicken follicular granulosa cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112091.	6.0	27
5	Alterations in cecal microbiota and intestinal barrier function of laying hens fed on fluoride supplemented diets. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110372.	6.0	26
6	Evaluating the impact of excess dietary tryptophan on laying performance and immune function of laying hens reared under hot and humid summer conditions. <i>British Poultry Science</i> , 2012, 53, 491-496.	1.7	24
7	Mercuric Chloride Induced Ovarian Oxidative Stress by Suppressing Nrf2-Keap1 Signal Pathway and its Downstream Genes in Laying Hens. <i>Biological Trace Element Research</i> , 2018, 185, 185-196.	3.5	24
8	Effect of excess dietary L-valine on laying hen performance, egg quality, serum free amino acids, immune function and antioxidant enzyme activity. <i>British Poultry Science</i> , 2015, 56, 72-78.	1.7	23
9	Toxicological Effects of Mercury Chloride on Laying Performance, Egg Quality, Serum Biochemistry, and Histopathology of Liver and Kidney in Laying Hens. <i>Biological Trace Element Research</i> , 2018, 185, 465-474.	3.5	23
10	Influence of L-threonine supplementation on goblet cell numbers, histological structure and antioxidant enzyme activities of laying hens reared in a hot and humid climate. <i>British Poultry Science</i> , 2012, 53, 640-645.	1.7	22
11	Effects of dietary L-isoleucine on laying performance and immunomodulation of laying hens. <i>Poultry Science</i> , 2016, 95, 2297-2305.	3.4	21
12	Effects of metabolizable energy and crude protein levels on laying performance, egg quality and serum biochemical indices of Fengda-1 layers. <i>Animal Nutrition</i> , 2016, 2, 93-98.	5.1	21
13	Dietary Valine Ameliorated Gut Health and Accelerated the Development of Nonalcoholic Fatty Liver Disease of Laying Hens. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-37.	4.0	21
14	Dietary cadmium chloride impairs shell biomineralization by disrupting the metabolism of the eggshell gland in laying hens. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	20
15	L-arginine upregulates the gene expression of target of rapamycin signaling pathway and stimulates protein synthesis in chicken intestinal epithelial cells. <i>Poultry Science</i> , 2015, 94, 1043-1051.	3.4	19
16	Effect of different fat sources in parental diets on growth performance, villus morphology, digestive enzymes and colorectal microbiota in pigeon squabs. <i>Archives of Animal Nutrition</i> , 2013, 67, 147-160.	1.8	17
17	Effects of zinc methionine supplementation on laying performance, zinc status, intestinal morphology, and expressions of zinc transporters' mRNA in laying hens. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 6582-6588.	3.5	17
18	Effects of chitooligosaccharide supplementation on laying performance, egg quality, blood biochemistry, antioxidant capacity and immunity of laying hens during the late laying period. <i>Italian Journal of Animal Science</i> , 2020, 19, 1180-1187.	1.9	17

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19	Dietary addition of zinc-methionine influenced eggshell quality by affecting calcium deposition in eggshell formation of laying hens. <i>British Journal of Nutrition</i> , 2019, 122, 961-973.	2.3	16
20	l-arginine stimulates CAT-1-mediated arginine uptake and regulation of inducible nitric oxide synthase for the growth of chick intestinal epithelial cells. <i>Molecular and Cellular Biochemistry</i> , 2015, 399, 229-236.	3.1	13
21	Molecular mechanism of mercuric chloride inhibiting progesterone secretion in ovarian granulosa cells of laying hens. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1533-1542.	2.2	13
22	Maternal dietary linoleic acid altered intestinal barrier function in domestic pigeons (<i>Columba</i>). <i>Tj ETQq0 0 0 rgBTJ (Overlock, 10 Tf 50</i>	2.3	12
23	Evaluation of extruded or unextruded double-low rapeseed meal and multienzymes preparation in pigs nutrition during the finishing phase of production. <i>Italian Journal of Animal Science</i> , 2012, 11, e34.	1.9	11
24	Effects of Excess Dietary Fluoride on Serum Biochemical Indices, Egg Quality, and Concentrations of Fluoride in Soft Organs, Eggs, and Serum of Laying Hens. <i>Biological Trace Element Research</i> , 2017, 180, 146-152.	3.5	11
25	Dietary Cadmium Chloride Supplementation Impairs Renal Function and Bone Metabolism of Laying Hens. <i>Animals</i> , 2019, 9, 998.	2.3	10
26	A Serum Metabolic Profiling Analysis During the Formation of Fatty Liver in Landes Geese via GC-TOF/MS. <i>Frontiers in Physiology</i> , 2020, 11, 581699.	2.8	9
27	Apoptosis induced by mercuric chloride is associated with upregulation of PERK-ATF4-CHOP pathway in chicken embryonic kidney cells. <i>Poultry Science</i> , 2020, 99, 5802-5813.	3.4	9
28	Supplemental-coated zinc oxide relieves diarrhoea by decreasing intestinal permeability in weanling pigs. <i>Journal of Applied Animal Research</i> , 2019, 47, 362-368.	1.2	8
29	Age-Related Changes in Serum Lipid Levels, Hepatic Morphology, Antioxidant Status, Lipid Metabolism Related Gene Expression and Enzyme Activities of Domestic Pigeon Squabs (<i>Columba livia</i>). <i>Animals</i> , 2020, 10, 1121.	2.3	7
30	Effect of Glycine Nano-Selenium Supplementation on Production Performance, Egg Quality, Serum Biochemistry, Oxidative Status, and the Intestinal Morphology and Absorption of Laying Hens. <i>Biological Trace Element Research</i> , 2021, 199, 4273-4283.	3.5	6
31	Alterations in Intestinal Antioxidant and Immune Function and Cecal Microbiota of Laying Hens Fed on Coated Sodium Butyrate Supplemented Diets. <i>Animals</i> , 2022, 12, 545.	2.3	6
32	Dietary High Sodium Fluoride Impairs Digestion and Absorption Ability, Mucosal Immunity, and Alters Cecum Microbial Community of Laying Hens. <i>Animals</i> , 2020, 10, 179.	2.3	5
33	Effects of coated sodium butyrate on production performance, egg quality, serum biochemistry, digestive enzyme activity, and intestinal health of laying hens. <i>Italian Journal of Animal Science</i> , 2021, 20, 1452-1461.	1.9	5
34	Parental dietary arachidonic acid altered serum fatty acid profile, hepatic antioxidant capacity, and lipid metabolism in domestic pigeons (<i>Columba livia</i>). <i>Animal Science Journal</i> , 2021, 92, e13616.	1.4	4
35	Research Note: Morphology and immune function development of the jejunum and ileum in squab pigeons (<i>Columba livia</i>). <i>Poultry Science</i> , 2022, 101, 101529.	3.4	3
36	Application of N-carbamylglutamate in Rex rabbits to reduce body fat deposition and its possible mechanism. <i>British Journal of Nutrition</i> , 2020, 124, 34-42.	2.3	0

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37	Effects of Zinc on Cell Proliferation, Zinc Transport, and Calcium Deposition in Primary Endometrial Epithelial Cells of Laying Hens In Vitro. <i>Biological Trace Element Research</i> , 2021, 199, 4251-4259.	3.5	0