

Zhikai Zuo

List of Publications by Year in descending order

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174
papers

6,538
citations

136885

32
h-index

85498

71
g-index

178
all docs

178
docs citations

178
times ranked

7950
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammatory responses and inflammation-associated diseases in organs. <i>Oncotarget</i> , 2018, 9, 7204-7218.	0.8	2,597
2	Regulation of MAVS Expression and Signaling Function in the Antiviral Innate Immune Response. <i>Frontiers in Immunology</i> , 2020, 11, 1030.	2.2	116
3	The role of different SIRT1-mediated signaling pathways in toxic injury. <i>Cellular and Molecular Biology Letters</i> , 2019, 24, 36.	2.7	106
4	Sodium fluoride causes oxidative stress and apoptosis in the mouse liver. <i>Aging</i> , 2017, 9, 1623-1639.	1.4	92
5	Research Advances on Pathways of Nickel-Induced Apoptosis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 10.	1.8	85
6	Nickel Carcinogenesis Mechanism: DNA Damage. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4690.	1.8	83
7	Protective Effects of Sodium Selenite against Aflatoxin B1-Induced Oxidative Stress and Apoptosis in Broiler Spleen. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 2834-2844.	1.2	78
8	Induction of autophagy via the ROS-dependent AMPK-mTOR pathway protects copper-induced spermatogenesis disorder. <i>Redox Biology</i> , 2022, 49, 102227.	3.9	73
9	Protective role of sodium selenite on histopathological lesions, decreased T-cell subsets and increased apoptosis of thymus in broilers intoxicated with aflatoxin B1. <i>Food and Chemical Toxicology</i> , 2013, 59, 446-454.	1.8	71
10	Individual and combined effects of deoxynivalenol and zearalenone on mouse kidney. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 686-691.	2.0	67
11	Dietary nickel chloride induces oxidative stress, apoptosis and alters Bax/Bcl-2 and caspase-3 mRNA expression in the cecal tonsil of broilers. <i>Food and Chemical Toxicology</i> , 2014, 63, 18-29.	1.8	63
12	The Association between Splenocyte Apoptosis and Alterations of Bax, Bcl-2 and Caspase-3 mRNA Expression, and Oxidative Stress Induced by Dietary Nickel Chloride in Broilers. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 7310-7326.	1.2	57
13	Aflatoxin B1 affects apoptosis and expression of Bax, Bcl-2, and Caspase-3 in thymus and bursa of fabricius in broiler chickens. <i>Environmental Toxicology</i> , 2016, 31, 1113-1120.	2.1	57
14	Effect of selenium supplementation on aflatoxin B1-induced histopathological lesions and apoptosis in bursa of Fabricius in broilers. <i>Food and Chemical Toxicology</i> , 2014, 74, 91-97.	1.8	55
15	Deoxynivalenol induces apoptosis in chicken splenic lymphocytes via the reactive oxygen species-mediated mitochondrial pathway. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 339-346.	2.0	55
16	Copper sulfate-induced endoplasmic reticulum stress promotes hepatic apoptosis by activating CHOP, JNK and caspase-12 signaling pathways. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110236.	2.9	49
17	Intestinal IgA+ Cell Numbers as well as IgA, IgG, and IgM Contents Correlate with Mucosal Humoral Immunity of Broilers During Supplementation with High Fluorine in the Diets. <i>Biological Trace Element Research</i> , 2013, 154, 62-72.	1.9	46
18	Bioactive molecules derived from umbilical cord mesenchymal stem cells. <i>Acta Histochemica</i> , 2016, 118, 761-769.	0.9	46

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19	Sodium fluoride (NaF) induces the splenic apoptosis via endoplasmic reticulum (ER) stress pathway in vivo and in vitro. <i>Aging</i> , 2016, 8, 3552-3567.	1.4	46
20	Protective Roles of Sodium Selenite against Aflatoxin B1-Induced Apoptosis of Jejunum in Broilers. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 13130-13143.	1.2	44
21	Effects of Dietary Selenium on Histopathological Changes and T Cells of Spleen in Broilers Exposed to Aflatoxin B1. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 1904-1913.	1.2	44
22	Modulation of the PI3K/Akt Pathway and Bcl-2 Family Proteins Involved in Chicken's Tubular Apoptosis Induced by Nickel Chloride (NiCl ₂). <i>International Journal of Molecular Sciences</i> , 2015, 16, 22989-23011.	1.8	43
23	The molecular mechanism of G2/M cell cycle arrest induced by AFB1 in the jejunum. <i>Oncotarget</i> , 2016, 7, 35592-35606.	0.8	42
24	Copper Induces Oxidative Stress and Apoptosis in the Mouse Liver. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	1.9	42
25	Nickel chloride (NiCl ₂)-caused inflammatory responses via activation of NF- κ B pathway and reduction of anti-inflammatory mediator expression in the kidney. <i>Oncotarget</i> , 2015, 6, 28607-28620.	0.8	41
26	Vitamin E protects against cadmium-induced sub-chronic liver injury associated with the inhibition of oxidative stress and activation of Nrf2 pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111610.	2.9	40
27	Dietary Nickel Chloride Induces Oxidative Intestinal Damage in Broilers. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 2109-2119.	1.2	38
28	Effects of Sodium Selenite on Aflatoxin B1-Induced Decrease of Ileac T cell and the mRNA Contents of IL-2, IL-6, and TNF- α in Broilers. <i>Biological Trace Element Research</i> , 2014, 159, 167-173.	1.9	38
29	Ageratina adenophora induces mice hepatotoxicity via ROS-NLRP3-mediated pyroptosis. <i>Scientific Reports</i> , 2018, 8, 16032.	1.6	38
30	Copper induces hepatic inflammatory responses by activation of MAPKs and NF- κ B signalling pathways in the mouse. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110806.	2.9	38
31	Combined effects of deoxynivalenol and zearalenone on oxidative injury and apoptosis in porcine splenic lymphocytes in vitro. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 612-617.	2.1	37
32	Sodium fluoride induces renal inflammatory responses by activating NF- κ B signaling pathway and reducing anti-inflammatory cytokine expression in mice. <i>Oncotarget</i> , 2017, 8, 80192-80207.	0.8	36
33	Histopathological findings of renal tissue induced by oxidative stress due to different concentrations of fluoride. <i>Oncotarget</i> , 2017, 8, 50430-50446.	0.8	35
34	Histopathological Injuries, Ultrastructural Changes, and Depressed TLR Expression in the Small Intestine of Broiler Chickens with Aflatoxin B1. <i>Toxins</i> , 2018, 10, 131.	1.5	35
35	NiCl ₂ -Down-Regulated Antioxidant Enzyme mRNA Expression Causes Oxidative Damage in the Broiler's Kidney. <i>Biological Trace Element Research</i> , 2014, 162, 288-295.	1.9	34
36	Protective role of selenium in the activities of antioxidant enzymes in piglet splenic lymphocytes exposed to deoxynivalenol. <i>Environmental Toxicology and Pharmacology</i> , 2016, 47, 53-61.	2.0	34

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37	Resistin, a Novel Host Defense Peptide of Innate Immunity. <i>Frontiers in Immunology</i> , 2021, 12, 699807.	2.2	34
38	Nickel chloride (NiCl ₂) in hepatic toxicity: apoptosis, G2/M cell cycle arrest and inflammatory response. <i>Aging</i> , 2016, 8, 3009-3027.	1.4	33
39	Suppressive effects of sodium fluoride on cultured splenic lymphocyte proliferation in mice. <i>Oncotarget</i> , 2016, 7, 61905-61915.	0.8	33
40	Molecular characterization and new genotypes of <i>Enterocytozoon bieneusi</i> in pet chipmunks (<i>Eutamias asiaticus</i>) in Sichuan province, China. <i>BMC Microbiology</i> , 2018, 18, 37.	1.3	32
41	Sodium Fluoride (NaF) Induces Inflammatory Responses Via Activating MAPKs/NF- κ B Signaling Pathway and Reducing Anti-inflammatory Cytokine Expression in the Mouse Liver. <i>Biological Trace Element Research</i> , 2019, 189, 157-171.	1.9	32
42	TGF- β 1-induced EMT activation via both Smad-dependent and MAPK signaling pathways in Cu-induced pulmonary fibrosis. <i>Toxicology and Applied Pharmacology</i> , 2021, 418, 115500.	1.3	32
43	Cu-induced spermatogenesis disease is related to oxidative stress-mediated germ cell apoptosis and DNA damage. <i>Journal of Hazardous Materials</i> , 2021, 416, 125903.	6.5	32
44	Changes of the Serum Cytokine Contents in Broilers Fed on Diets Supplemented with Nickel Chloride. <i>Biological Trace Element Research</i> , 2013, 151, 234-239.	1.9	31
45	Sodium fluoride (NaF) causes toxic effects on splenic development in mice. <i>Oncotarget</i> , 2017, 8, 4703-4717.	0.8	31
46	Decreased IgA+ B Cells Population and IgA, IgG, IgM Contents of the Cecal Tonsil Induced by Dietary High Fluorine in Broilers. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 1775-1785.	1.2	30
47	Effects of Aflatoxin B1 Exposure and Sodium Selenite Supplementation on the Histology, Cell Proliferation, and Cell Cycle of Jejunum in Broilers. <i>Biological Trace Element Research</i> , 2014, 160, 32-40.	1.9	30
48	Comparative iTRAQ proteomics revealed proteins associated with spermatogenic arrest of cattleyak. <i>Journal of Proteomics</i> , 2016, 142, 102-113.	1.2	30
49	Sodium Fluoride Arrests Renal G2/M Phase Cell-Cycle Progression by Activating ATM-Chk2-P53/Cdc25C Signaling Pathway in Mice. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 2421-2433.	1.1	30
50	Induction of apoptosis and autophagy via mitochondria- and PI3K/Akt/mTOR-mediated pathways by <i>E. adenophorum</i> in hepatocytes of saanen goat. <i>Oncotarget</i> , 2016, 7, 54537-54548.	0.8	30
51	Sodium fluoride induces apoptosis in cultured splenic lymphocytes from mice. <i>Oncotarget</i> , 2016, 7, 67880-67900.	0.8	29
52	Immunotoxicity of nickel: Pathological and toxicological effects. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 111006.	2.9	29
53	Dietary High Fluorine Alters Intestinal Microbiota in Broiler Chickens. <i>Biological Trace Element Research</i> , 2016, 173, 483-491.	1.9	28
54	Nickel induces inflammatory activation via NF- κ B, MAPKs, IRF3 and NLRP3 inflammasome signaling pathways in macrophages. <i>Aging</i> , 2019, 11, 11659-11672.	1.4	28

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55	A mini review of fluoride-induced apoptotic pathways. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33926-33935.	2.7	27
56	Effects of deoxynivalenol on mitochondrial dynamics and autophagy in pig spleen lymphocytes. <i>Food and Chemical Toxicology</i> , 2020, 140, 111357.	1.8	27
57	Oxidative stress, apoptosis and inflammatory responses involved in copper-induced pulmonary toxicity in mice. <i>Aging</i> , 2020, 12, 16867-16886.	1.4	27
58	Protective Effect of Vitamin E on Cadmium-Induced Renal Oxidative Damage and Apoptosis in Rats. <i>Biological Trace Element Research</i> , 2021, 199, 4675-4687.	1.9	26
59	Sodium fluoride induces splenocyte autophagy via the mammalian targets of rapamycin (mTOR) signaling pathway in growing mice. <i>Aging</i> , 2018, 10, 1649-1665.	1.4	25
60	Nickel chloride-induced apoptosis via mitochondria- and Fas-mediated caspase-dependent pathways in broiler chickens. <i>Oncotarget</i> , 2016, 7, 79747-79760.	0.8	25
61	Mitochondria damage and ferroptosis involved in Ni-induced hepatotoxicity in mice. <i>Toxicology</i> , 2022, 466, 153068.	2.0	25
62	Toxic effect of NiCl ₂ on development of the bursa of Fabricius in broiler chickens. <i>Oncotarget</i> , 2016, 7, 125-139.	0.8	24
63	The mitochondrial pathway is involved in sodium fluoride (NaF)-induced renal apoptosis in mice. <i>Toxicology Research</i> , 2018, 7, 792-808.	0.9	24
64	Toxicological effects of dietary nickel chloride on intestinal microbiota. <i>Ecotoxicology and Environmental Safety</i> , 2014, 109, 70-76.	2.9	23
65	Occurrence of novel and rare subtype families of <i>Cryptosporidium</i> in bamboo rats (<i>Rhizomys sinensis</i>) in China. <i>Veterinary Parasitology</i> , 2015, 207, 144-148.	0.7	23
66	Histopathological Changes Caused by Inflammation and Oxidative Stress in Diet-Induced-Obese Mouse following Experimental Lung Injury. <i>Scientific Reports</i> , 2018, 8, 14250.	1.6	22
67	<i>E. adenophorum</i> induces Cell Cycle Arrest and Apoptosis of Splenocytes through the Mitochondrial Pathway and Caspase Activation in Saanen Goats. <i>Scientific Reports</i> , 2015, 5, 15967.	1.6	21
68	Sodium fluoride induces apoptosis in mouse splenocytes by activating ROS-dependent NF- κ B signaling. <i>Oncotarget</i> , 2017, 8, 114428-114441.	0.8	21
69	Protective Role of Selenium in Immune-Relevant Cytokine and Immunoglobulin Production by Piglet Splenic Lymphocytes Exposed to Deoxynivalenol. <i>Biological Trace Element Research</i> , 2018, 184, 83-91.	1.9	21
70	Activation of Porcine Alveolar Macrophages by <i>Actinobacillus pleuropneumoniae</i> Lipopolysaccharide via the Toll-Like Receptor 4/NF- κ B-Mediated Pathway. <i>Infection and Immunity</i> , 2018, 86, .	1.0	21
71	Nickel induces autophagy via PI3K/AKT/mTOR and AMPK pathways in mouse kidney. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112583.	2.9	21
72	Dietary NiCl ₂ causes G2/M cell cycle arrest in the broiler's kidney. <i>Oncotarget</i> , 2015, 6, 35964-35977.	0.8	21

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73	Oxidative stress-mediated apoptosis and autophagy involved in Ni-induced nephrotoxicity in the mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112954.	2.9	21
74	Toxicological effects of nickel chloride on the cytokine mRNA expression and protein levels in intestinal mucosal immunity of broilers. <i>Environmental Toxicology</i> , 2015, 30, 1309-1321.	2.1	20
75	Diet-induced obese mice exhibit altered immune responses to acute lung injury induced by <i>Escherichia coli</i> . <i>Obesity</i> , 2016, 24, 2101-2110.	1.5	20
76	Effects of sodium fluoride on blood cellular and humoral immunity in mice. <i>Oncotarget</i> , 2017, 8, 85504-85515.	0.8	20
77	Sodium fluoride causes hepatocellular S-phase arrest by activating ATM-p53-p21 and ATR-Chk1-Cdc25A pathways in mice. <i>Oncotarget</i> , 2018, 9, 4318-4337.	0.8	20
78	Low Dietary Selenium Induce Increased Apoptotic Thymic Cells and Alter Peripheral Blood T Cell Subsets in Chicken. <i>Biological Trace Element Research</i> , 2011, 142, 167-173.	1.9	19
79	Effect of Dietary Nickel Chloride on Splenic Immune Function in Broilers. <i>Biological Trace Element Research</i> , 2014, 159, 183-191.	1.9	19
80	Deoxynivalenol-induced cytokines and related genes in concanavalin A-stimulated primary chicken splenic lymphocytes. <i>Toxicology in Vitro</i> , 2015, 29, 558-563.	1.1	19
81	<i>Acinetobacter lwoffii</i> , an emerging pathogen for fish in <i>Schizothorax</i> genus in China. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1816-1822.	1.3	19
82	Effects of antibacterial peptides on rumen fermentation function and rumen microorganisms in goats. <i>PLoS ONE</i> , 2019, 14, e0221815.	1.1	19
83	Nickel carcinogenesis mechanism: cell cycle dysregulation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4893-4901.	2.7	19
84	Dietary Nickel Chloride Restrains the Development of Small Intestine in Broilers. <i>Biological Trace Element Research</i> , 2013, 155, 236-246.	1.9	18
85	Transcriptional Profiling of Swine Lung Tissue after Experimental Infection with <i>Actinobacillus pleuropneumoniae</i> . <i>International Journal of Molecular Sciences</i> , 2013, 14, 10626-10660.	1.8	18
86	Inhibitive Effects of Nickel Chloride (NiCl ₂) on Thymocytes. <i>Biological Trace Element Research</i> , 2015, 164, 242-252.	1.9	18
87	Oxidative stress and inflammatory responses involved in dietary nickel chloride (NiCl ₂)-induced pulmonary toxicity in broiler chickens. <i>Toxicology Research</i> , 2016, 5, 1421-1433.	0.9	18
88	Aflatoxin B1 affects apoptosis and expression of death receptor and endoplasmic reticulum molecules in chicken spleen. <i>Oncotarget</i> , 2017, 8, 99531-99540.	0.8	18
89	Research Progress on the Toxic Antagonism of Selenium Against Mycotoxins. <i>Biological Trace Element Research</i> , 2019, 190, 273-280.	1.9	18
90	<i>E. adenophorum</i> Induces Cell Cycle and Apoptosis of Renal Cells through Mitochondrial Pathway and Caspase Activation in Saanen Goat. <i>PLoS ONE</i> , 2015, 10, e0138504.	1.1	18

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91	Toxicological Effects of Nickel Chloride on IgA+ B Cells and sIgA, IgA, IgG, IgM in the Intestinal Mucosal Immunity in Broilers. International Journal of Environmental Research and Public Health, 2014, 11, 8175-8192.	1.2	17
92	Activation of the porcine alveolar macrophages via toll-like receptor 4/NF- κ B mediated pathway provides a mechanism of resistin leading to inflammation. Cytokine, 2018, 110, 357-366.	1.4	17
93	Nickel chloride (NiCl ₂) induces endoplasmic reticulum (ER) stress by activating UPR pathways in the kidney of broiler chickens. Oncotarget, 2016, 7, 17508-17519.	0.8	17
94	Nickel Chloride (NiCl ₂) Induces Histopathological Lesions via Oxidative Damage in the Broiler's Bursa of Fabricius. Biological Trace Element Research, 2016, 171, 214-223.	1.9	16
95	Euptox A Induces G1 Arrest and Autophagy via p38 MAPK- and PI3K/Akt/mTOR-Mediated Pathways in Mouse Splenocytes. Journal of Histochemistry and Cytochemistry, 2017, 65, 543-558.	1.3	16
96	Occurrence and genetic characterization of Giardia duodenalis and Cryptosporidium spp. from adult goats in Sichuan Province, China. PLoS ONE, 2018, 13, e0199325.	1.1	16
97	<i>Ageratina adenophora</i> causes spleen toxicity by inducing oxidative stress and pyroptosis in mice. Royal Society Open Science, 2019, 6, 190127.	1.1	16
98	The Protective Role of Selenium in AFB1-Induced Tissue Damage and Cell Cycle Arrest in Chicken's Bursa of Fabricius. Biological Trace Element Research, 2018, 185, 486-496.	1.9	15
99	Complete genome analysis of <i>Vibrio mimicus</i> strain SCCF01, a highly virulent isolate from the freshwater catfish. Virulence, 2020, 11, 23-31.	1.8	15
100	A study on the expression of apoptotic molecules related to death receptor and endoplasmic reticulum pathways in the jejunum of AFB1-intoxicated chickens. Oncotarget, 2017, 8, 89655-89664.	0.8	15
101	Pathway underlying small intestine apoptosis by dietary nickel chloride in broiler chickens. Chemico-Biological Interactions, 2016, 243, 91-106.	1.7	14
102	Effects of deoxynivalenol on calcium homeostasis of concanavalin A-stimulated splenic lymphocytes of chickens in vitro. Experimental and Toxicologic Pathology, 2016, 68, 241-245.	2.1	14
103	The Molecular Mechanisms of Protective Role of Se on the G2/M Phase Arrest of Jejunum Caused by AFB1. Biological Trace Element Research, 2018, 181, 142-153.	1.9	14
104	The potential risk of antibiotic resistance of Streptococcus iniae in sturgeon cultivation in Sichuan, China. Environmental Science and Pollution Research, 2021, 28, 69171-69180.	2.7	14
105	Nickel chloride induces spermatogenesis disorder by testicular damage and hypothalamic-pituitary-testis axis disruption in mice. Ecotoxicology and Environmental Safety, 2021, 225, 112718.	2.9	14
106	ROS: Trichothecenes' handy weapon?. Food and Chemical Toxicology, 2020, 142, 111438.	1.8	14
107	Sodium selenite prevents suppression of mucosal humoral response by AFB1 in broiler's cecal tonsil. Oncotarget, 2017, 8, 54215-54226.	0.8	14
108	Investigation of the serum oxidative stress in broilers fed on diets supplemented with nickel chloride. Health, 2013, 05, 454-459.	0.1	14

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109	Effects of Sodium Selenite on Aflatoxin B1-Induced Decrease of Ileal IgA+ Cell Numbers and Immunoglobulin Contents in Broilers. <i>Biological Trace Element Research</i> , 2014, 160, 49-55.	1.9	13
110	Selenium Ameliorates AFB1-Induced Excess Apoptosis in Chicken Splenocytes Through Death Receptor and Endoplasmic Reticulum Pathways. <i>Biological Trace Element Research</i> , 2019, 187, 273-280.	1.9	13
111	Occurrence and multilocus genotyping of <i>Giardia duodenalis</i> from post-weaned dairy calves in Sichuan province, China. <i>PLoS ONE</i> , 2019, 14, e0224627.	1.1	13
112	Lesions of thymus and decreased percentages of the peripheral blood T-cell subsets in chickens fed on diets excess in selenium. <i>Human and Experimental Toxicology</i> , 2011, 30, 1972-1978.	1.1	12
113	Ameliorative effects of selenium on the excess apoptosis of the jejunum caused by AFB ₁ through death receptor and endoplasmic reticulum pathways. <i>Toxicology Research</i> , 2018, 7, 1108-1119.	0.9	12
114	Effects of aflatoxin B ₁ on the cell cycle distribution of splenocytes in chickens. <i>Journal of Toxicologic Pathology</i> , 2019, 32, 27-36.	0.3	12
115	Obesity Enhances Antioxidant Capacity and Reduces Cytokine Levels of the Spleen in Mice to Resist Splenic Injury Challenged by <i>Escherichia coli</i> . <i>Journal of Immunology Research</i> , 2020, 2020, 1-13.	0.9	12
116	Effects of Selenium on Arsenic-Induced Liver Lesions in Broilers. <i>Biological Trace Element Research</i> , 2021, 199, 1080-1089.	1.9	12
117	Histological Lesion of Spleen and Inhibition of Splenocyte Proliferation in Broilers Fed on Diets Excess in Selenium. <i>Biological Trace Element Research</i> , 2011, 140, 66-72.	1.9	11
118	Downregulation of TLR4 and 7 mRNA Expression Levels in Broiler's Spleen Caused by Diets Supplemented with Nickel Chloride. <i>Biological Trace Element Research</i> , 2014, 158, 353-358.	1.9	11
119	Sodium selenite inhibits deoxynivalenol-induced injury in GPX1-knockdown porcine splenic lymphocytes in culture. <i>Scientific Reports</i> , 2018, 8, 17676.	1.6	11
120	Selenium Rescues Aflatoxin B1-Inhibited T Cell Subsets and Cytokine Levels in Cecal Tonsil of Chickens. <i>Biological Trace Element Research</i> , 2019, 188, 461-467.	1.9	11
121	Two metabolites isolated from endophytic fungus <i>Coniochaeta</i> sp. F-8 in <i>Ageratina adenophora</i> exhibit antioxidative activity and cytotoxicity. <i>Natural Product Research</i> , 2021, 35, 2840-2848.	1.0	11
122	Curcumin Alleviates the Senescence of Canine Bone Marrow Mesenchymal Stem Cells during In Vitro Expansion by Activating the Autophagy Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11356.	1.8	11
123	Multiplex genome editing by natural transformation in <i>Vibrio mimicus</i> with potential application in attenuated vaccine development. <i>Fish and Shellfish Immunology</i> , 2019, 92, 377-383.	1.6	10
124	Resistin up-regulates LPL expression through the PPAR β -dependent PI3K/AKT signaling pathway impacting lipid accumulation in RAW264.7 macrophages. <i>Cytokine</i> , 2019, 119, 168-174.	1.4	10
125	Autophagy: a promising therapeutic target for improving mesenchymal stem cell biological functions. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 1135-1149.	1.4	10
126	Metagenomics Reveals That Intravenous Injection of Beta-Hydroxybutyric Acid (BHBA) Disturbs the Nasopharynx Microflora and Increases the Risk of Respiratory Diseases. <i>Frontiers in Microbiology</i> , 2020, 11, 630280.	1.5	10

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127	Copper exposure induces hepatic G0/G1 cell-cycle arrest through suppressing the Ras/PI3K/Akt signaling pathway in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112518.	2.9	10
128	Analysis of the Toll-Like Receptor 2-2 (TLR2-2) and TLR4 mRNA Expression in the Intestinal Mucosal Immunity of Broilers Fed on Diets Supplemented with Nickel Chloride. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 657-670.	1.2	9
129	Induction and mechanism of HeLa cell apoptosis by 9-oxo-10, 11-dehydroageraphorone from <i>Eupatorium adenophorum</i> . <i>Oncology Reports</i> , 2015, 33, 1823-1827.	1.2	9
130	Identification, genotyping, and pathogenicity of <i>Trichosporon</i> spp. Isolated from Giant pandas (<i>Ailuropoda melanoleuca</i>). <i>BMC Microbiology</i> , 2019, 19, 113.	1.3	9
131	Copper induces hepatocyte autophagy via the mammalian targets of the rapamycin signaling pathway in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111656.	2.9	9
132	Effect of Selenium on Brain Injury in Chickens with Subacute Arsenic Poisoning. <i>Biological Trace Element Research</i> , 2022, 200, 330-338.	1.9	9
133	Activated Nrf-2 Pathway by Vitamin E to Attenuate Testicular Injuries of Rats with Sub-chronic Cadmium Exposure. <i>Biological Trace Element Research</i> , 2022, 200, 1722-1735.	1.9	9
134	Effect of Dietary Vanadium on the Ileac T Cells and Contents of Cytokines in Broilers. <i>Biological Trace Element Research</i> , 2012, 147, 113-119.	1.9	8
135	Improved Establishment of Embryonic Stem (ES) Cell Lines from the Chinese Kunming Mice by Hybridization with 129 Mice. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3389-3402.	1.8	8
136	Study on the morphology, histology and enzymatic activity of the digestive tract of <i>Gymnocypris eckloni</i> Herzenstein. <i>Fish Physiology and Biochemistry</i> , 2017, 43, 1175-1185.	0.9	8
137	The molecular mechanism of cell cycle arrest in the Bursa of Fabricius in chick exposed to Aflatoxin B 1. <i>Scientific Reports</i> , 2018, 8, 1770.	1.6	8
138	Sodium fluoride impairs splenic innate immunity via inactivation of TLR2/MyD88 signaling pathway in mice. <i>Chemosphere</i> , 2019, 237, 124437.	4.2	8
139	The mitochondrial genome of the dog hookworm <i>Ancylostoma caninum</i> (Nematoda). <i>Tj ETQq1 1 0.784314 ggBT /Overlock 10 0.2</i>		8
140	Toxicity of DON on GPx1-Overexpressed or Knockdown Porcine Splenic Lymphocytes In Vitro and Protective Effects of Sodium Selenite. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-24.	1.9	8
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