

# Zhikai Zuo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173 papers	3,691 citations	27 h-index	54 g-index
178 ext. papers	5,033 ext. citations	4.4 avg, IF	5.44 L-index

#	Paper	IF	Citations
173	Effect of Selenium on Brain Injury in Chickens with Subacute Arsenic Poisoning. <i>Biological Trace Element Research</i> , <b>2022</b> , 200, 330-338	4.5	2
172	Antiviral Effect of Selenomethionine on Porcine Deltacoronavirus in Pig Kidney Epithelial Cells.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 846747	5.7	1
171	Notch3-Mediated mTOR Signaling Pathway Is Involved in High Glucose-Induced Autophagy in Bovine Kidney Epithelial Cells. <i>Molecules</i> , <b>2022</b> , 27, 3121	4.8	0
170	Two metabolites isolated from endophytic fungus sp. F-8 in exhibit antioxidative activity and cytotoxicity. <i>Natural Product Research</i> , <b>2021</b> , 35, 2840-2848	2.3	4
169	Mitochondria damage and ferroptosis involved in Ni-induced hepatotoxicity in mice.. <i>Toxicology</i> , <b>2021</b> , 466, 153068	4.4	2
168	Skin Mycobiota of the Captive Giant Panda () and the Distribution of Opportunistic Dermatomycosis-Associated Fungi in Different Seasons. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 708077	3.1	0
167	Oxidative stress-mediated apoptosis and autophagy involved in Ni-induced nephrotoxicity in the mice. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 228, 112954	7	3
166	Induction of autophagy via the ROS-dependent AMPK-mTOR pathway protects copper-induced spermatogenesis disorder.. <i>Redox Biology</i> , <b>2021</b> , 49, 102227	11.3	6
165	Innate and mild Th17 cutaneous immune responses elicited by subcutaneous infection of immunocompetent mice with <i>Cladosporium cladosporioides</i> .. <i>Microbial Pathogenesis</i> , <b>2021</b> , 163, 105384	3.8	0
164	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> , <b>2021</b> , 22,	6.3	3
163	TGF- $\beta$ -induced EMT activation via both Smad-dependent and MAPK signaling pathways in Cu-induced pulmonary fibrosis. <i>Toxicology and Applied Pharmacology</i> , <b>2021</b> , 418, 115500	4.6	9
162	Resistin, a Novel Host Defense Peptide of Innate Immunity. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 699807	8.4	10
161	Activated Nrf-2 Pathway by Vitamin E to Attenuate Testicular Injuries of Rats with Sub-chronic Cadmium Exposure. <i>Biological Trace Element Research</i> , <b>2021</b> , 1	4.5	0
160	The potential risk of antibiotic resistance of <i>Streptococcus iniae</i> in sturgeon cultivation in Sichuan, China. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	1
159	Effects of Selenium on Arsenic-Induced Liver Lesions in Broilers. <i>Biological Trace Element Research</i> , <b>2021</b> , 199, 1080-1089	4.5	6
158	Autophagy: a promising therapeutic target for improving mesenchymal stem cell biological functions. <i>Molecular and Cellular Biochemistry</i> , <b>2021</b> , 476, 1135-1149	4.2	5
157	Nickel carcinogenesis mechanism: cell cycle dysregulation. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 4893-4901	5.1	6

156	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> , <b>2021</b> , 208, 111610	7	15
155	Copper induces hepatocyte autophagy via the mammalian targets of the rapamycin signaling pathway in mice. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111656	7	3
154	Identification and genotyping of a new subtype of bovine viral diarrhea virus 1 isolated from cattle with diarrhea. <i>Archives of Virology</i> , <b>2021</b> , 166, 1259-1262	2.6	1
153	The complete mitochondrial genome of the beef cattle hookworm (Nematoda: Bunostominae). <i>Mitochondrial DNA Part B: Resources</i> , <b>2021</b> , 6, 617-619	0.5	
152	Protective Effect of Vitamin E on Cadmium-Induced Renal Oxidative Damage and Apoptosis in Rats. <i>Biological Trace Element Research</i> , <b>2021</b> , 199, 4675-4687	4.5	6
151	Skin Microbiota of the Captive Giant Panda () and the Distribution of Opportunistic Skin Disease-Associated Bacteria in Different Seasons. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 666486	3.1	0
150	Cu-induced spermatogenesis disease is related to oxidative stress-mediated germ cell apoptosis and DNA damage. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 125903	12.8	7
149	Protective effect of MitoQ on oxidative stress-mediated senescence of canine bone marrow mesenchymal stem cells via activation of the Nrf2/ARE pathway. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2021</b> , 57, 685-694	2.6	1
148	Quinolone Resistance of Revealed through Genome and Transcriptome Analyses. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
147	Metagenomics Reveals That Proper Placement After Long-Distance Transportation Significantly Affects Calf Nasopharyngeal Microbiota and Is Critical for the Prevention of Respiratory Diseases. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 700704	5.7	1
146	Nickel induces autophagy via PI3K/AKT/mTOR and AMPK pathways in mouse kidney. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 223, 112583	7	3
145	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> , <b>2021</b> , 222, 112518	7	1
144	Nickel chloride induces spermatogenesis disorder by testicular damage and hypothalamic-pituitary-testis axis disruption in mice. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 225, 112718	7	1
143	Attenuated Cardiac oxidative stress, inflammation and apoptosis in Obese Mice with nonfatal infection of Escherichia coli. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 225, 112760	7	1
142	Assessment of the pulmonary adaptive immune response to Cladosporium cladosporioides infection using an experimental mouse model. <i>Scientific Reports</i> , <b>2021</b> , 11, 909	4.9	0
141	Regulation of MAVS Expression and Signaling Function in the Antiviral Innate Immune Response. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1030	8.4	49
140	Relationships between placental adiponectin, leptin, visfatin and resistin and birthweight in cattle. <i>Reproduction, Fertility and Development</i> , <b>2020</b> , 32, 402-408	1.8	3
139	Copper induces hepatic inflammatory responses by activation of MAPKs and NF- $\kappa$ B signalling pathways in the mouse. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 201, 110806	7	18

138	Characterization and genomic analysis of a ranavirus associated with cultured black-spotted pond frogs ( <i>Rana nigromaculata</i> ) tadpoles mortalities in China. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 1954	4.2	2
137	Copper Induces Oxidative Stress and Apoptosis in the Mouse Liver. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 1359164	6.7	17
136	Effect of intranasal instillation of <i>Escherichia coli</i> on apoptosis of spleen cells in diet-induced-obese mice. <i>Scientific Reports</i> , <b>2020</b> , 10, 5109	4.9	4
135	Diet-Induced Obesity Mice Execute Pulmonary Cell Apoptosis via Death Receptor and ER-Stress Pathways after Infection. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 6829271	6.7	1
134	Occurrence and multilocus genotyping of <i>Giardia duodenalis</i> in captive non-human primates from 12 zoos in China. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228673	3.7	2
133	First report on aberrant <i>Ascaris suum</i> infection in a dog, China. <i>Parasites and Vectors</i> , <b>2020</b> , 13, 86	4	1
132	Obesity Enhances Antioxidant Capacity and Reduces Cytokine Levels of the Spleen in Mice to Resist Splenic Injury Challenged by. <i>Journal of Immunology Research</i> , <b>2020</b> , 2020, 5948256	4.5	7
131	Copper sulfate-induced endoplasmic reticulum stress promotes hepatic apoptosis by activating CHOP, JNK and caspase-12 signaling pathways. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 191, 110236	7.6	21
130	Oxidative stress, apoptosis and inflammatory responses involved in copper-induced pulmonary toxicity in mice. <i>Aging</i> , <b>2020</b> , 12, 16867-16886	5.6	7
129	ROS: Trichothecenes Rhandy weapon?. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 142, 111438	4.7	6
128	Complete genome analysis of strain SCCF01, a highly virulent isolate from the freshwater catfish. <i>Virulence</i> , <b>2020</b> , 11, 23-31	4.7	2
127	Immunotoxicity of nickel: Pathological and toxicological effects. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 203, 111006	7	13
126	Effects of deoxynivalenol on mitochondrial dynamics and autophagy in pig spleen lymphocytes. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 140, 111357	4.7	10
125	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> , <b>2020</b> , 11, 630280	5.7	4
124	Occurrence and multilocus genotyping of <i>Giardia duodenalis</i> in captive non-human primates from 12 zoos in China <b>2020</b> , 15, e0228673		
123	Occurrence and multilocus genotyping of <i>Giardia duodenalis</i> in captive non-human primates from 12 zoos in China <b>2020</b> , 15, e0228673		
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121	Occurrence and multilocus genotyping of <i>Giardia duodenalis</i> in captive non-human primates from 12 zoos in China <b>2020</b> , 15, e0228673		

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119	Occurrence and multilocus genotyping of <i>Giardia duodenalis</i> in captive non-human primates from 12 zoos in China <b>2020</b> , 15, e0228673		
118	Effects of antibacterial peptides on rumen fermentation function and rumen microorganisms in goats. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221815	3.7	7
117	Complete mitogenome of the dog cucumber tapeworm (Cestoda, Dilepididae) from Southwest China. <i>Mitochondrial DNA Part B: Resources</i> , <b>2019</b> , 4, 2670-2672	0.5	3
116	Characterization of the complete mitochondrial genome of (Cestoda: Diphylobothriidae) from China. <i>Mitochondrial DNA Part B: Resources</i> , <b>2019</b> , 4, 2788-2790	0.5	
115	Sequencing and analysis of the complete mitochondrial genome of dog roundworm (Nematoda: Toxocaridae) from USA. <i>Mitochondrial DNA Part B: Resources</i> , <b>2019</b> , 4, 2999-3001	0.5	2
114	The mitochondrial genome of the dog hookworm (Nematoda, Ancylostomatidae) from Southwest China. <i>Mitochondrial DNA Part B: Resources</i> , <b>2019</b> , 4, 3002-3004	0.5	3
113	Nickel Carcinogenesis Mechanism: DNA Damage. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	36
112	The role of different SIRT1-mediated signaling pathways in toxic injury. <i>Cellular and Molecular Biology Letters</i> , <b>2019</b> , 24, 36	8.1	45
111	Identification, genotyping, and pathogenicity of <i>Trichosporon</i> spp. Isolated from Giant pandas ( <i>Ailuropoda melanoleuca</i> ). <i>BMC Microbiology</i> , <b>2019</b> , 19, 113	4.5	3
110	Multiplex genome editing by natural transformation in <i>Vibrio mimicus</i> with potential application in attenuated vaccine development. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 92, 377-383	4.3	2
109	Resistin up-regulates LPL expression through the PPAR $\alpha$ -dependent PI3K/AKT signaling pathway impacting lipid accumulation in RAW264.7 macrophages. <i>Cytokine</i> , <b>2019</b> , 119, 168-174	4	7
108	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> , <b>2019</b> , 2019, 5769752	6.7	4
107	Effects of aflatoxin B on the cell cycle distribution of splenocytes in chickens. <i>Journal of Toxicologic Pathology</i> , <b>2019</b> , 32, 27-36	1.4	3
106	Selenium Rescues Aflatoxin B-Inhibited T Cell Subsets and Cytokine Levels in Cecal Tonsil of Chickens. <i>Biological Trace Element Research</i> , <b>2019</b> , 188, 461-467	4.5	5
105	Sodium Fluoride (NaF) Induces Inflammatory Responses Via Activating MAPKs/NF- $\kappa$ B Signaling Pathway and Reducing Anti-inflammatory Cytokine Expression in the Mouse Liver. <i>Biological Trace Element Research</i> , <b>2019</b> , 189, 157-171	4.5	15
104	Selenium Ameliorates AFB $_1$ -Induced Excess Apoptosis in Chicken Splenocytes Through Death Receptor and Endoplasmic Reticulum Pathways. <i>Biological Trace Element Research</i> , <b>2019</b> , 187, 273-280	4.5	8
103	causes spleen toxicity by inducing oxidative stress and pyroptosis in mice. <i>Royal Society Open Science</i> , <b>2019</b> , 6, 190127	3.3	7

102	Sodium fluoride impairs splenic innate immunity via inactivation of TLR2/MyD88 signaling pathway in mice. <i>Chemosphere</i> , <b>2019</b> , 237, 124437	8.4	6
101	Characterization of the complete mitochondrial genome sequence of the dog roundworm (Nematoda, Ascarididae) from China. <i>Mitochondrial DNA Part B: Resources</i> , <b>2019</b> , 4, 3517-3519	0.5	4
100	Delayed Pulmonary Apoptosis of Diet-Induced Obesity Mice following Infection through the Mitochondrial Apoptotic Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 1968539	6.7	4
99	Occurrence and multilocus genotyping of <i>Giardia duodenalis</i> from post-weaned dairy calves in Sichuan province, China. <i>PLoS ONE</i> , <b>2019</b> , 14, e0224627	3.7	5
98	Hepatic histopathology and apoptosis in diet-induced-obese mice under pneumonia. <i>Aging</i> , <b>2019</b> , 11, 2836-2851	5.6	4
97	Nickel induces inflammatory activation via NF- $\kappa$ B, MAPKs, IRF3 and NLRP3 inflammasome signaling pathways in macrophages. <i>Aging</i> , <b>2019</b> , 11, 11659-11672	5.6	16
96	The Molecular Mechanisms of Protective Role of Se on the G/G Phase Arrest Caused by AFB in Broiler's Thymocytes. <i>Biological Trace Element Research</i> , <b>2019</b> , 189, 556-566	4.5	3
95	Research Progress on the Toxic Antagonism of Selenium Against Mycotoxins. <i>Biological Trace Element Research</i> , <b>2019</b> , 190, 273-280	4.5	9
94	The Protective Role of Selenium in AFB-Induced Tissue Damage and Cell Cycle Arrest in Chicken's Bursa of Fabricius. <i>Biological Trace Element Research</i> , <b>2018</b> , 185, 486-496	4.5	10
93	Activation of the porcine alveolar macrophages via toll-like receptor 4/NF- $\kappa$ B mediated pathway provides a mechanism of resistin leading to inflammation. <i>Cytokine</i> , <b>2018</b> , 110, 357-366	4	12
92	The molecular mechanism of cell cycle arrest in the Bursa of Fabricius in chick exposed to Aflatoxin B. <i>Scientific Reports</i> , <b>2018</b> , 8, 1770	4.9	5
91	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> , <b>2018</b> , 18, 37	4.5	26
90	The Molecular Mechanisms of Protective Role of Se on the G/M Phase Arrest of Jejunum Caused by AFB. <i>Biological Trace Element Research</i> , <b>2018</b> , 181, 142-153	4.5	11
89	Protective Role of Selenium in Immune-Relevant Cytokine and Immunoglobulin Production by Piglet Splenic Lymphocytes Exposed to Deoxynivalenol. <i>Biological Trace Element Research</i> , <b>2018</b> , 184, 83-91	4.5	15
88	Histopathological Injuries, Ultrastructural Changes, and Depressed TLR Expression in the Small Intestine of Broiler Chickens with Aflatoxin B. <i>Toxins</i> , <b>2018</b> , 10,	4.9	19
87	Ameliorative effects of selenium on the excess apoptosis of the jejunum caused by AFB through death receptor and endoplasmic reticulum pathways. <i>Toxicology Research</i> , <b>2018</b> , 7, 1108-1119	2.6	8
86	Inflammatory responses and inflammation-associated diseases in organs. <i>Oncotarget</i> , <b>2018</b> , 9, 7204-7218	3.3	1276
85	Occurrence and genetic characterization of <i>Giardia duodenalis</i> and <i>Cryptosporidium</i> spp. from adult goats in Sichuan Province, China. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199325	3.7	10



84	Sodium fluoride induces splenocyte autophagy via the mammalian targets of rapamycin (mTOR) signaling pathway in growing mice. <i>Aging</i> , <b>2018</b> , 10, 1649-1665	5.6	13
83	AMPK $\beta$ pathway involved in hepatic triglyceride metabolism disorder in diet-induced obesity mice following Infection. <i>Aging</i> , <b>2018</b> , 10, 3161-3172	5.6	2
82	Sodium fluoride causes hepatocellular S-phase arrest by activating ATM-p53-p21 and ATR-Chk1-Cdc25A pathways in mice. <i>Oncotarget</i> , <b>2018</b> , 9, 4318-4337	3.3	16
81	Activation of Porcine Alveolar Macrophages by Actinobacillus pleuropneumoniae Lipopolysaccharide via the Toll-Like Receptor 4/NF-B-Mediated Pathway. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	15
80	Sodium selenite inhibits deoxynivalenol-induced injury in GPX1-knockdown porcine splenic lymphocytes in culture. <i>Scientific Reports</i> , <b>2018</b> , 8, 17676	4.9	7
79	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> , <b>2018</b> , 51, 2421-2433	2.9	20
78	Acinetobacter lwoffii, an emerging pathogen for fish in Schizothorax genus in China. <i>Transboundary and Emerging Diseases</i> , <b>2018</b> , 65, 1816-1822	4.2	8
77	Histopathological Changes Caused by Inflammation and Oxidative Stress in Diet-Induced-Obese Mouse following Experimental Lung Injury. <i>Scientific Reports</i> , <b>2018</b> , 8, 14250	4.9	11
76	Ageratina adenophora induces mice hepatotoxicity via ROS-NLRP3-mediated pyroptosis. <i>Scientific Reports</i> , <b>2018</b> , 8, 16032	4.9	27
75	A mini review of fluoride-induced apoptotic pathways. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 33926-33935	5.1	20
74	The mitochondrial pathway is involved in sodium fluoride (NaF)-induced renal apoptosis in mice. <i>Toxicology Research</i> , <b>2018</b> , 7, 792-808	2.6	14
73	Study on the morphology, histology and enzymatic activity of the digestive tract of Gymnocypris eckloni Herzenstein. <i>Fish Physiology and Biochemistry</i> , <b>2017</b> , 43, 1175-1185	2.7	4
72	Resistin increases the expression of NOD2 in mouse monocytes. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 13, 2523-2528	2.1	1
71	Combined effects of deoxynivalenol and zearalenone on oxidative injury and apoptosis in porcine splenic lymphocytes in vitro. <i>Experimental and Toxicologic Pathology</i> , <b>2017</b> , 69, 612-617		27
70	Sodium fluoride causes oxidative stress and apoptosis in the mouse liver. <i>Aging</i> , <b>2017</b> , 9, 1623-1639	5.6	63
69	Sodium fluoride induces apoptosis in mouse splenocytes by activating ROS-dependent NF-B signaling. <i>Oncotarget</i> , <b>2017</b> , 8, 114428-114441	3.3	14
68	Sodium fluoride (NaF) causes toxic effects on splenic development in mice. <i>Oncotarget</i> , <b>2017</b> , 8, 4703-4713	3.7	23
67	Euptox A Induces G1 Arrest and Autophagy via p38 MAPK- and PI3K/Akt/mTOR-Mediated Pathways in Mouse Splenocytes. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2017</b> , 65, 543-558	3.4	10

66	Sodium fluoride induces renal inflammatory responses by activating NF- $\kappa$ B signaling pathway and reducing anti-inflammatory cytokine expression in mice. <i>Oncotarget</i> , <b>2017</b> , 8, 80192-80207	3.3	21
65	Histopathological findings of renal tissue induced by oxidative stress due to different concentrations of fluoride. <i>Oncotarget</i> , <b>2017</b> , 8, 50430-50446	3.3	22
64	Effects of sodium fluoride on blood cellular and humoral immunity in mice. <i>Oncotarget</i> , <b>2017</b> , 8, 85504-85515	3.3	14
63	Aflatoxin B affects apoptosis and expression of death receptor and endoplasmic reticulum molecules in chicken spleen. <i>Oncotarget</i> , <b>2017</b> , 8, 99531-99540	3.3	11
62	Sodium selenite prevents suppression of mucosal humoral response by AFB in broiler's cecal tonsil. <i>Oncotarget</i> , <b>2017</b> , 8, 54215-54226	3.3	8
61	A study on the expression of apoptotic molecules related to death receptor and endoplasmic reticulum pathways in the jejunum of AFB-intoxicated chickens. <i>Oncotarget</i> , <b>2017</b> , 8, 89655-89664	3.3	13
60	Nickel Chloride (NiCl <sub>2</sub> ) Induces Histopathological Lesions via Oxidative Damage in the Broiler's Bursa of Fabricius. <i>Biological Trace Element Research</i> , <b>2016</b> , 171, 214-23	4.5	14
59	Diet-induced obese mice exhibit altered immune responses to acute lung injury induced by Escherichia coli. <i>Obesity</i> , <b>2016</b> , 24, 2101-10	8	13
58	Oxidative stress and inflammatory responses involved in dietary nickel chloride (NiCl)-induced pulmonary toxicity in broiler chickens. <i>Toxicology Research</i> , <b>2016</b> , 5, 1421-1433	2.6	13
57	Protective role of selenium in the activities of antioxidant enzymes in piglet splenic lymphocytes exposed to deoxynivalenol. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 47, 53-61	5.8	21
56	Effects of deoxynivalenol on calcium homeostasis of concanavalin A--Stimulated splenic lymphocytes of chickens in vitro. <i>Experimental and Toxicologic Pathology</i> , <b>2016</b> , 68, 241-5		13
55	Dietary High Fluorine Alters Intestinal Microbiota in Broiler Chickens. <i>Biological Trace Element Research</i> , <b>2016</b> , 173, 483-91	4.5	22
54	Nickel chloride (NiCl <sub>2</sub> ) in hepatic toxicity: apoptosis, G2/M cell cycle arrest and inflammatory response. <i>Aging</i> , <b>2016</b> , 8, 3009-3027	5.6	23
53	Sodium fluoride (NaF) induces the splenic apoptosis via endoplasmic reticulum (ER) stress pathway and. <i>Aging</i> , <b>2016</b> , 8, 3552-3567	5.6	35
52	Induction of apoptosis and autophagy via mitochondria- and PI3K/Akt/mTOR-mediated pathways by E. adenophorum in hepatocytes of saanen goat. <i>Oncotarget</i> , <b>2016</b> , 7, 54537-54548	3.3	22
51	Suppressive effects of sodium fluoride on cultured splenic lymphocyte proliferation in mice. <i>Oncotarget</i> , <b>2016</b> , 7, 61905-61915	3.3	27
50	Nickel chloride-induced apoptosis via mitochondria- and Fas-mediated caspase-dependent pathways in broiler chickens. <i>Oncotarget</i> , <b>2016</b> , 7, 79747-79760	3.3	16
49	Nickel chloride (NiCl <sub>2</sub> ) induces endoplasmic reticulum (ER) stress by activating UPR pathways in the kidney of broiler chickens. <i>Oncotarget</i> , <b>2016</b> , 7, 17508-19	3.3	12



48	The molecular mechanism of G2M cell cycle arrest induced by AFB1 in the jejunum. <i>Oncotarget</i> , <b>2016</b> , 7, 35592-35606	3.3	30
47	Toxic effect of NiCl <sub>2</sub> on development of the bursa of Fabricius in broiler chickens. <i>Oncotarget</i> , <b>2016</b> , 7, 125-39	3.3	20
46	Sodium fluoride induces apoptosis in cultured splenic lymphocytes from mice. <i>Oncotarget</i> , <b>2016</b> , 7, 67889-67905	3.5	25
45	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> , <b>2016</b> , 31, 1113-20	4.2	44
44	Pathway underlying small intestine apoptosis by dietary nickel chloride in broiler chickens. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 243, 91-106	5	11
43	Comparative iTRAQ proteomics revealed proteins associated with spermatogenic arrest of cattleyak. <i>Journal of Proteomics</i> , <b>2016</b> , 142, 102-13	3.9	19
42	Bioactive molecules derived from umbilical cord mesenchymal stem cells. <i>Acta Histochemica</i> , <b>2016</b> , 118, 761-769	2	32
41	Inhibitive effects of nickel chloride (NiCl <sub>2</sub> ) on thymocytes. <i>Biological Trace Element Research</i> , <b>2015</b> , 164, 242-52	4.5	16
40	Individual and combined effects of deoxynivalenol and zearalenone on mouse kidney. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 40, 686-91	5.8	48
39	Deoxynivalenol induces apoptosis in chicken splenic lymphocytes via the reactive oxygen species-mediated mitochondrial pathway. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 39, 339-46	5.8	51
38	E. adenophorum induces Cell Cycle Arrest and Apoptosis of Splenocytes through the Mitochondrial Pathway and Caspase Activation in Saanen Goats. <i>Scientific Reports</i> , <b>2015</b> , 5, 15967	4.9	16
37	Toxicological effects of nickel chloride on the cytokine mRNA expression and protein levels in intestinal mucosal immunity of broilers. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 1309-21	4.2	17
36	Nickel chloride (NiCl <sub>2</sub> )-caused inflammatory responses via activation of NF- $\kappa$ B pathway and reduction of anti-inflammatory mediator expression in the kidney. <i>Oncotarget</i> , <b>2015</b> , 6, 28607-20	3.3	39
35	Modulation of the PI3K/Akt Pathway and Bcl-2 Family Proteins Involved in Chicken B Tubular Apoptosis Induced by Nickel Chloride (NiCl <sub>2</sub> ) <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 22989-3011	6.3	31
34	Induction and mechanism of HeLa cell apoptosis by 9-oxo-10, 11-dehydroageraphorone from Eupatorium adenophorum. <i>Oncology Reports</i> , <b>2015</b> , 33, 1823-7	3.5	5
33	Occurrence of novel and rare subtype families of Cryptosporidium in bamboo rats (Rhizomys sinensis) in China. <i>Veterinary Parasitology</i> , <b>2015</b> , 207, 144-8	2.8	20
32	Deoxynivalenol-induced cytokines and related genes in concanavalin A-stimulated primary chicken splenic lymphocytes. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 558-63	3.6	12
31	E. adenophorum Induces Cell Cycle and Apoptosis of Renal Cells through Mitochondrial Pathway and Caspase Activation in Saanen Goat. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138504	3.7	13

30	Dietary NiCl <sub>2</sub> causes G <sub>0</sub> /M cell cycle arrest in the broiler's kidney. <i>Oncotarget</i> , <b>2015</b> , 6, 35964-77	3.3	19
29	Research Advances on Pathways of Nickel-Induced Apoptosis. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 17,	6.3	48
28	Toxicological effects of dietary nickel chloride on intestinal microbiota. <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 109, 70-6	7	16
27	Effect of selenium supplementation on aflatoxin B <sub>1</sub> -induced histopathological lesions and apoptosis in bursa of Fabricius in broilers. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 74, 91-7	4.7	43
26	Effect of dietary nickel chloride on splenic immune function in broilers. <i>Biological Trace Element Research</i> , <b>2014</b> , 159, 183-91	4.5	17
25	Effects of aflatoxin B <sub>1</sub> exposure and sodium selenite supplementation on the histology, cell proliferation, and cell cycle of jejunum in broilers. <i>Biological Trace Element Research</i> , <b>2014</b> , 160, 32-40	4.5	21
24	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> , <b>2014</b> , 63, 18-29	4.7	59
23	Effects of sodium selenite on aflatoxin B <sub>1</sub> -induced decrease of ileac T cell and the mRNA contents of IL-2, IL-6, and TNF- $\alpha$ in broilers. <i>Biological Trace Element Research</i> , <b>2014</b> , 159, 167-73	4.5	34
22	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> , <b>2014</b> , 158, 353-8	4.5	10
21	Effects of sodium selenite on aflatoxin B <sub>1</sub> -induced decrease of ileal IgA <sup>+</sup> cell numbers and immunoglobulin contents in broilers. <i>Biological Trace Element Research</i> , <b>2014</b> , 160, 49-55	4.5	9
20	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> , <b>2014</b> , 11, 657-70	4.6	9
19	Effects of dietary selenium on histopathological changes and T cells of spleen in broilers exposed to aflatoxin B <sub>1</sub> . <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 1904-13	4.6	31
18	Toxicological effects of nickel chloride on IgA <sup>+</sup> B Cells and sIgA, IgA, IgG, IgM in the intestinal mucosal immunity in broilers. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 8175-92	4.6	14
17	Protective roles of sodium selenite against aflatoxin B <sub>1</sub> -induced apoptosis of jejunum in broilers. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 13130-43	4.6	35
16	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> , <b>2014</b> , 15, 3389-402	6.3	7
15	NiCl <sub>2</sub> -down-regulated antioxidant enzyme mRNA expression causes oxidative damage in the broiler's kidney. <i>Biological Trace Element Research</i> , <b>2014</b> , 162, 288-95	4.5	24
14	Intestinal IgA <sup>+</sup> 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> , <b>2013</b> , 154, 62-72	4.5	31
13	Protective role of sodium selenite on histopathological lesions, decreased T-cell subsets and increased apoptosis of thymus in broilers intoxicated with aflatoxin B <sub>1</sub> . <i>Food and Chemical Toxicology</i> , <b>2013</b> , 59, 446-54	4.7	61

12	Changes of the serum cytokine contents in broilers fed on diets supplemented with nickel chloride. <i>Biological Trace Element Research</i> , <b>2013</b> , 151, 234-9	4.5	26
11	Dietary nickel chloride restrains the development of small intestine in broilers. <i>Biological Trace Element Research</i> , <b>2013</b> , 155, 236-46	4.5	14
10	Transcriptional profiling of swine lung tissue after experimental infection with <i>Actinobacillus pleuropneumoniae</i> . <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 10626-60	6.3	16
9	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> , <b>2013</b> , 10, 2834-44	4.6	63
8	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> , <b>2013</b> , 10, 1775-85	4.6	26
7	Dietary nickel chloride induces oxidative intestinal damage in broilers. <i>International Journal of Environmental Research and Public Health</i> , <b>2013</b> , 10, 2109-19	4.6	30
6	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> , <b>2013</b> , 10, 7310-26	4.6	49
5	Investigation of the serum oxidative stress in broilers fed on diets supplemented with nickel chloride. <i>Health</i> , <b>2013</b> , 05, 454-459	0.4	11
4	Effect of dietary vanadium on the ileac T cells and contents of cytokines in broilers. <i>Biological Trace Element Research</i> , <b>2012</b> , 147, 113-9	4.5	7
3	Histological lesion of spleen and inhibition of splenocyte proliferation in broilers fed on diets excess in selenium. <i>Biological Trace Element Research</i> , <b>2011</b> , 140, 66-72	4.5	10
2	Low dietary selenium induce increased apoptotic thymic cells and alter peripheral blood T cell subsets in chicken. <i>Biological Trace Element Research</i> , <b>2011</b> , 142, 167-73	4.5	16
1	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> , <b>2011</b> , 30, 1972-8	3.4	10