

Xiaohua Teng

List of Publications by Year in descending order

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47
papers

2,041
citations

159358

30
h-index

243296

44
g-index

49
all docs

49
docs citations

49
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunosuppression, oxidative stress, and glycometabolism disorder caused by cadmium in common carp (<i>Cyprinus carpio</i> L.): Application of transcriptome analysis in risk assessment of environmental contaminant cadmium. <i>Journal of Hazardous Materials</i> , 2019, 366, 386-394.	6.5	130
2	Impaired immune function and structural integrity in the gills of common carp (<i>Cyprinus carpio</i> L.) caused by chlorpyrifos exposure: Through oxidative stress and apoptosis. <i>Fish and Shellfish Immunology</i> , 2019, 86, 239-245.	1.6	103
3	Hydrogen sulfide inhalation-induced immune damage is involved in oxidative stress, inflammation, apoptosis and the Th1/Th2 imbalance in broiler bursa of Fabricius. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 201-209.	2.9	83
4	Alleviation of lead-induced oxidative stress and immune damage by selenium in chicken bursa of Fabricius. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7555-7564.	2.7	80
5	Whole transcriptome-based miRNA-mRNA network analysis revealed the mechanism of inflammation-immunosuppressive damage caused by cadmium in common carp spleens. <i>Science of the Total Environment</i> , 2020, 717, 137081.	3.9	76
6	NF- κ B pathway took part in the development of apoptosis mediated by miR-15a and oxidative stress via mitochondrial pathway in ammonia-treated chicken splenic lymphocytes. <i>Science of the Total Environment</i> , 2020, 729, 139017.	3.9	76
7	Oxidative stress and mitochondrial dysfunction involved in ammonia-induced nephrocyte necroptosis in chickens. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110974.	2.9	72
8	Cadmium-induced Oxidative Stress and Immunosuppression Mediated Mitochondrial Apoptosis via JNK-FoxO3a-PUMA pathway in Common Carp (<i>Cyprinus carpio</i> L.) Gills. <i>Aquatic Toxicology</i> , 2021, 233, 105775.	1.9	67
9	Ammonia inhalation-mediated mir-202-5p leads to cardiac autophagy through PTEN/AKT/mTOR pathway. <i>Chemosphere</i> , 2019, 235, 858-866.	4.2	66
10	Ammonia inhalation impaired immune function and mitochondrial integrity in the broilers bursa of fabricius: Implication of oxidative stress and apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110078.	2.9	57
11	The effect of ammonia exposure on energy metabolism and mitochondrial dynamic proteins in chicken thymus: Through oxidative stress, apoptosis, and autophagy. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111413.	2.9	57
12	Energy metabolism disorder mediated ammonia gas-induced autophagy via AMPK/mTOR/ULK1-Beclin1 pathway in chicken livers. <i>Ecotoxicology and Environmental Safety</i> , 2021, 217, 112219.	2.9	52
13	The contributions of miR-25-3p, oxidative stress, and heat shock protein in a complex mechanism of autophagy caused by pollutant cadmium in common carp (<i>Cyprinus carpio</i> L.) hepatopancreas. <i>Environmental Pollution</i> , 2021, 287, 117554.	3.7	52
14	The evaluation of potential immunotoxicity induced by environmental pollutant ammonia in broilers. <i>Poultry Science</i> , 2019, 98, 3165-3175.	1.5	51
15	Chlorpyrifos triggers epithelioma papulosum cyprini cell pyroptosis via miR-124-3p/CAPN1 axis. <i>Journal of Hazardous Materials</i> , 2022, 424, 127318.	6.5	50
16	Selenium alleviates oxidative stress and autophagy in lead-treated chicken testes. <i>Theriogenology</i> , 2019, 131, 146-152.	0.9	49
17	miR-187-5p/apaf-1 axis was involved in oxidative stress-mediated apoptosis caused by ammonia via mitochondrial pathway in chicken livers. <i>Toxicology and Applied Pharmacology</i> , 2020, 388, 114869.	1.3	48
18	Heat shock proteins took part in oxidative stress-mediated inflammatory injury via NF- κ B pathway in excess manganese-treated chicken livers. <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112833.	2.9	47

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19	The co-expression of circRNA and mRNA in the thymuses of chickens exposed to ammonia. <i>Ecotoxicology and Environmental Safety</i> , 2019, 176, 146-152.	2.9	41
20	Selenium Deficiency Mainly Influences Antioxidant Selenoproteins Expression in Broiler Immune Organs. <i>Biological Trace Element Research</i> , 2016, 172, 209-221.	1.9	40
21	Complex molecular mechanism of ammonia-induced apoptosis in chicken peripheral blood lymphocytes: miR-27b-3p, heat shock proteins, immunosuppression, death receptor pathway, and mitochondrial pathway. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113471.	2.9	40
22	Toxicological Effect of Manganese on NF- κ B/iNOS-COX-2 Signaling Pathway in Chicken Testes. <i>Biological Trace Element Research</i> , 2015, 168, 227-234.	1.9	38
23	The Antagonistic Effect of Selenium on Lead-Induced Inflammatory Factors and Heat Shock Proteins mRNA Expression in Chicken Livers. <i>Biological Trace Element Research</i> , 2016, 171, 437-444.	1.9	38
24	Th1/Th2 imbalance and heat shock protein mediated inflammatory damage triggered by manganese via activating NF- κ B pathway in chicken nervous system in vivo and in vitro. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44361-44373.	2.7	38
25	Alleviative effect of selenium on inflammatory damage caused by lead via inhibiting inflammatory factors and heat shock proteins in chicken testes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13405-13413.	2.7	37
26	Selenium Protects against Lead-induced Apoptosis via Endoplasmic Reticulum Stress in Chicken Kidneys. <i>Biological Trace Element Research</i> , 2018, 182, 354-363.	1.9	37
27	The involvement of miR-6615-5p/Smad7 axis and immune imbalance in ammonia-caused inflammatory injury via NF- κ B pathway in broiler kidneys. <i>Poultry Science</i> , 2020, 99, 5378-5388.	1.5	37
28	The Functions of Antioxidants and Heat Shock Proteins Are Altered in the Immune Organs of Selenium-Deficient Broiler Chickens. <i>Biological Trace Element Research</i> , 2016, 169, 341-351.	1.9	35
29	PTEN/AKT/mTOR pathway involvement in autophagy, mediated by miR-99a-3p and energy metabolism in ammonia-exposed chicken bursal lymphocytes. <i>Poultry Science</i> , 2021, 100, 553-564.	1.5	35
30	Identification of signal pathways for immunotoxicity in the spleen of common carp exposed to chlorpyrifos. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109464.	2.9	34
31	NLRP3 inflammasome is involved in the mechanism of mitigative effect of selenium on lead-induced inflammatory damage in chicken kidneys. <i>Environmental Science and Pollution Research</i> , 2021, 28, 10898-10908.	2.7	33
32	CHOP/caspase-3 signal pathway involves in mitigative effect of selenium on lead-induced apoptosis via endoplasmic reticulum pathway in chicken testes. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18838-18845.	2.7	32
33	Selenium Deficiency Affects Immune Function by Influencing Selenoprotein and Cytokine Expression in Chicken Spleen. <i>Biological Trace Element Research</i> , 2019, 187, 506-516.	1.9	32
34	Immunosuppression participated in complement activation-mediated inflammatory injury caused by 4-octylphenol via TLR7/MyD88/NF- κ B pathway in common carp (<i>Cyprinus carpio</i>) gills. <i>Aquatic Toxicology</i> , 2022, 249, 106211.	1.9	28
35	Corn stover biochar increased edible safety of spinach by reducing the migration of mercury from soil to spinach. <i>Science of the Total Environment</i> , 2021, 758, 143883.	3.9	26
36	Mitochondrion Participated in Effect Mechanism of Manganese Poisoning on Heat Shock Protein and Ultrastructure of Testes in Chickens. <i>Biological Trace Element Research</i> , 2023, 201, 1432-1441.	1.9	26

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37	The Effect of Manganese-induced Cytotoxicity on mRNA Expressions of HSP27, HSP40, HSP60, HSP70 and HSP90 in Chicken Spleen Lymphocytes in Vitro. <i>Biological Trace Element Research</i> , 2013, 156, 144-152.	1.9	25
38	Dietary selenium supplementation alleviates immune toxicity in the hearts of chickens with lead-added drinking water. <i>Avian Pathology</i> , 2019, 48, 230-237.	0.8	22
39	The involvement of the mitochondrial pathway in manganese-induced apoptosis of chicken splenic lymphocytes. <i>Chemosphere</i> , 2016, 153, 462-470.	4.2	20
40	Selenium against lead-induced apoptosis in chicken nervous tissues via mitochondrial pathway. <i>Oncotarget</i> , 2017, 8, 108130-108145.	0.8	19
41	The Protection of Selenium Against Cadmium-Induced Mitochondrial Damage via the Cytochrome P450 in the Livers of Chicken. <i>Biological Trace Element Research</i> , 2019, 190, 484-492.	1.9	19
42	Ammonia inhalation-induced inflammation and structural impairment in the bursa of fabricius and thymus of broilers through NF- κ B signaling pathway. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11596-11607.	2.7	19
43	Excess Manganese-Induced Apoptosis in Chicken Cerebrums and Embryonic Neurocytes. <i>Biological Trace Element Research</i> , 2017, 180, 297-305.	1.9	18
44	Ammonia-triggered apoptosis via immune function and metabolic process in the thymuses of chickens by proteomics analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110619.	2.9	18
45	The effect of manganese-induced toxicity on the cytokine mRNA expression of chicken spleen lymphocytes in vitro. <i>Research in Veterinary Science</i> , 2015, 101, 165-167.	0.9	16
46	Selenium for the mitigation of toxicity induced by lead in chicken testes through regulating mRNA expressions of HSPs and selenoproteins. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14312-14321.	2.7	13
47	Antagonistic effect of selenium on lead-induced inflammatory injury through inhibiting the nuclear factor- κ B signaling pathway and stimulating selenoproteins in chicken hearts. <i>RSC Advances</i> , 2017, 7, 24878-24884.	1.7	8