

Yingmei Zhang

List of Publications by Citations

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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.

68

papers

1,355

citations

20

h-index

34

g-index

68

ext. papers

1,652

ext. citations

5.1

avg, IF

4.63

L-index

#	Paper	IF	Citations
68	Global DNA hypomethylation, rather than reactive oxygen species (ROS), a potential facilitator of cadmium-stimulated K562 cell proliferation. <i>Toxicology Letters</i> , 2008 , 179, 43-7	4.4	118
67	Assessment of the bioavailability, bioaccessibility and transfer of heavy metals in the soil-grain-human systems near a mining and smelting area in NW China. <i>Science of the Total Environment</i> , 2017 , 609, 822-829	10.2	106
66	ATM mediates spermidine-induced mitophagy via PINK1 and Parkin regulation in human fibroblasts. <i>Scientific Reports</i> , 2016 , 6, 24700	4.9	62
65	Spatial distribution and source identification of heavy metals in soils under different land uses in a sewage irrigation region, northwest China. <i>Journal of Soils and Sediments</i> , 2016 , 16, 1547-1556	3.4	55
64	Cadmium induces mitophagy through ROS-mediated PINK1/Parkin pathway. <i>Toxicology Mechanisms and Methods</i> , 2014 , 24, 504-11	3.6	54
63	Long-term effect of heavy-metal pollution on diversity of gastrointestinal microbial community of <i>Bufo raddei</i> . <i>Toxicology Letters</i> , 2016 , 258, 192-197	4.4	54
62	ROS act as an upstream signal to mediate cadmium-induced mitophagy in mouse brain. <i>NeuroToxicology</i> , 2015 , 46, 19-24	4.4	48
61	Heavy metal concentrations in water, sediment, and tissues of two fish species (<i>Triplophysa pappenheimi</i> , <i>Gobio hwanghensis</i>) from the Lanzhou section of the Yellow River, China. <i>Environmental Monitoring and Assessment</i> , 2010 , 165, 97-102	3.1	47
60	Contaminants-induced oxidative damage on the carp <i>Cyprinus carpio</i> collected from the upper Yellow River, China. <i>Environmental Monitoring and Assessment</i> , 2007 , 128, 483-8	3.1	44
59	Mediating effect of ROS on mtDNA damage and low ATP content induced by arsenic trioxide in mouse oocytes. <i>Toxicology in Vitro</i> , 2011 , 25, 979-84	3.6	42
58	Assessment of the genotoxicity in toad <i>Bufo raddei</i> exposed to petrochemical contaminants in Lanzhou Region, China. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007 , 629, 81-8	3	41
57	The role of reactive oxygen species in the herbicide acetochlor-induced DNA damage on <i>Bufo raddei</i> tadpole liver. <i>Aquatic Toxicology</i> , 2006 , 78, 21-6	5.1	41
56	EGCG inhibits Cd(2+)-induced apoptosis through scavenging ROS rather than chelating Cd(2+) in HL-7702 cells. <i>Toxicology Mechanisms and Methods</i> , 2014 , 24, 259-67	3.6	38
55	Protective effects of grape seed procyanidin extract against nickel sulfate-induced apoptosis and oxidative stress in rat testes. <i>Toxicology Mechanisms and Methods</i> , 2011 , 21, 487-94	3.6	34
54	Cd-induced apoptosis was mediated by the release of Ca ²⁺ from intracellular Ca storage. <i>Toxicology Letters</i> , 2010 , 192, 115-8	4.4	33
53	Diversity of soil nematodes in areas polluted with heavy metals and polycyclic aromatic hydrocarbons (PAHs) in Lanzhou, China. <i>Environmental Management</i> , 2009 , 44, 163-72	3.1	33
52	Temporal variations and spatial distributions of heavy metals in a wastewater-irrigated soil-eggplant system and associated influencing factors. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 153, 204-214	7	32

51	Roles of reactive oxygen species and mitochondria in cadmium-induced injury of liver cells. <i>Toxicology and Industrial Health</i> , 2011 , 27, 249-56	1.8	32
50	2,4-Dichlorophenol induces global DNA hypermethylation through the increase of S-adenosylmethionine and the upregulation of DNMTs mRNA in the liver of goldfish <i>Carassius auratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014 , 160, 54-9	3.2	29
49	Lead (Pb) induced ATM-dependent mitophagy via PINK1/Parkin pathway. <i>Toxicology Letters</i> , 2018 , 291, 92-100	4.4	21
48	2,4-dichlorophenol induces apoptosis in primary hepatocytes of grass carp (<i>Ctenopharyngodon idella</i>) through mitochondrial pathway. <i>Aquatic Toxicology</i> , 2013 , 140-141, 117-22	5.1	20
47	Effects of heavy metals Cd ²⁺ , Pb ²⁺ and Zn ²⁺ on DNA damage of loach <i>Misgurnus anguillicaudatus</i> . <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2008 , 3, 50-54		20
46	A field study on the dynamic uptake and transfer of heavy metals in Chinese cabbage and radish in weak alkaline soils. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 20719-20727	5.1	19
45	Long-term toxicity effects of cadmium and lead on <i>Bufo raddei</i> tadpoles. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 79, 178-83	2.7	18
44	Cadmium induced MTs synthesis via oxidative stress in yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biochemistry</i> , 2005 , 280, 139-45	4.2	18
43	Mitophagy inhibits proliferation by decreasing cyclooxygenase-2 (COX-2) in arsenic trioxide-treated HepG2 cells. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 45, 212-21	5.8	15
42	Endoplasmic reticulum stress is involved in 2,4-dichlorophenol-induced hepatotoxicity. <i>Journal of Toxicological Sciences</i> , 2016 , 41, 745-756	1.9	15
41	A field study on heavy metals phytoattenuation potential of monocropping and intercropping of maize and/or legumes in weakly alkaline soils. <i>International Journal of Phytoremediation</i> , 2016 , 18, 1014-21	3.9	14
40	Alpha-lipoic acid attenuates cardiac hypertrophy via downregulation of PARP-2 and subsequent activation of SIRT-1. <i>European Journal of Pharmacology</i> , 2014 , 744, 203-10	5.3	14
39	The function of constructed wetland in reducing the risk of heavy metals on human health. <i>Environmental Monitoring and Assessment</i> , 2011 , 181, 531-7	3.1	14
38	Fluctuating asymmetry rather than oxidative stress in <i>Bufo raddei</i> can be an accurate indicator of environmental pollution induced by heavy metals. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 293	3.1	13
37	Effects of environmental metal pollution on reproduction of a free-living resident songbird, the tree sparrow (<i>Passer montanus</i>). <i>Science of the Total Environment</i> , 2020 , 721, 137674	10.2	13
36	2,4,6-Trichlorophenol cytotoxicity involves oxidative stress, endoplasmic reticulum stress, and apoptosis. <i>International Journal of Toxicology</i> , 2014 , 33, 532-41	2.4	13
35	NIX compensates lost role of parkin in cd-induced mitophagy in HeLa cells through phosphorylation. <i>Toxicology Letters</i> , 2020 , 326, 1-10	4.4	12
34	AZT and emodin exhibit synergistic growth-inhibitory effects on K562/ADM cells by inducing S phase cell cycle arrest and suppressing MDR1 mRNA/p-gp protein expression. <i>Pharmaceutical Biology</i> , 2013 , 51, 1586-91	3.8	12

33	Using cadmium bioavailability to simultaneously predict its accumulation in crop grains and the bioaccessibility in soils. <i>Science of the Total Environment</i> , 2019 , 665, 246-252	10.2	12
32	Protective Effect of Apigenin on Acrylonitrile-Induced Inflammation and Apoptosis in Testicular Cells via the NF- κ B Pathway in Rats. <i>Inflammation</i> , 2018 , 41, 1448-1459	5.1	11
31	Long-term heavy metal pollution varied female reproduction investment in free-living anura, <i>Bufo raddei</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 159, 136-142	7	11
30	Metal Exposure Risk Assessment for Tree Sparrows at Different Life Stages via Diet from a Polluted Area in Northwestern China. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 2785-2796	3.8	11
29	Atomization method for verifying size effects of inhalable particles on lung damage of mice. <i>Science of the Total Environment</i> , 2017 , 579, 1476-1484	10.2	10
28	Cadmium delays non-homologous end joining (NHEJ) repair via inhibition of DNA-PKcs phosphorylation and downregulation of XRCC4 and Ligase IV. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015 , 779, 112-23	3.3	9
27	Highly Photostable Fluorescent Tracker with pH-Insensitivity for Long-Term Imaging of Lysosomal Dynamics in Live Cells. <i>ACS Sensors</i> , 2021 , 6, 786-796	9.2	9
26	Metal bioaccessibility in a wastewater irrigated soil-wheat system and associated human health risks: Implications for regional thresholds. <i>Ecological Indicators</i> , 2018 , 94, 305-311	5.8	8
25	2,4-dichlorophenol induces ER stress-mediated apoptosis via eIF2 α dephosphorylation in vitro. <i>Environmental Toxicology</i> , 2016 , 31, 245-55	4.2	7
24	Variations in tree sparrow (<i>Passer montanus</i>) egg characteristics under environmental metal pollution. <i>Science of the Total Environment</i> , 2019 , 687, 946-955	10.2	7
23	Variation in sperm morphology and performance in tree sparrow (<i>Passer montanus</i>) under long-term environmental heavy metal pollution. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 197, 110622	7.22	6
22	Expression, purification and characterization of recombinant protein tyrosine phosphatase from <i>Thermus thermophilus</i> HB27. <i>Acta Biochimica Et Biophysica Sinica</i> , 2009 , 41, 689-98	2.8	6
21	Variation in genetic diversity of tree sparrow (<i>Passer montanus</i>) population in long-term environmental heavy metal polluted areas. <i>Environmental Pollution</i> , 2020 , 263, 114396	9.3	6
20	Optimal analysis conditions for sperm motility parameters with a CASA system in a passerine bird, <i>Passer montanus</i> . <i>Avian Research</i> , 2019 , 10,	2	5
19	Variation of fitness and reproductive strategy in male <i>Bufo raddei</i> under environmental heavy metal pollution. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 164, 253-260	7	5
18	The antagonism of aluminum against fluoride-induced oxidative stress and c-Fos overexpression in rat testes. <i>Toxicology Mechanisms and Methods</i> , 2014 , 24, 136-41	3.6	5
17	In vivo and in vitro anti-tumour response of selenium-protein polysaccharide extracted from rich selenium <i>Agaricus blazei</i> . <i>Food and Agricultural Immunology</i> , 2007 , 18, 139-149	2.9	5
16	Response of male reproductive function to environmental heavy metal pollution in a free-living passerine bird, <i>Passer montanus</i> . <i>Science of the Total Environment</i> , 2020 , 747, 141402	10.2	5

15	Machine vision analysis on abnormal respiratory conditions of mice inhaling particles containing cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 170, 600-610	7	4
14	Lung damage analyzed by machine vision on tissue sections of mice. <i>Archives of Toxicology</i> , 2018 , 92, 425-439	5.8	3
13	Sperm Morphology and Motility of <i>Bufo raddei</i> Under Long-Term Environmental Heavy Metal Stress. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018 , 101, 305-313	2.7	3
12	The role of endoplasmic reticulum stress in lead (Pb)-induced mitophagy of HEK293 cells. <i>Toxicology and Industrial Health</i> , 2020 , 36, 1002-1009	1.8	3
11	Thoracoabdominal respiratory disorder induced by cadmium aerosol and analyzed with a new machine vision model in vivo. <i>Science of the Total Environment</i> , 2019 , 683, 668-680	10.2	2
10	The guanidine thiocyanate-high EDTA method for total microbial RNA extraction from severely heavy metal-contaminated soils. <i>Microbial Biotechnology</i> , 2021 , 14, 465-478	6.3	2
9	Near-infrared ratiometric fluorescence imaging of lysosomal polarity in live cells and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2021 , 345, 130397	8.5	2
8	The complete mitochondrial genome of <i>Bufo raddei</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 3659-60	1.3	1
7	Differential retention of PCB congeners in cockroaches <i>Blattella germanica</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007 , 42, 721-7	2.3	1
6	Does environmental metal pollution affect bird morphometry? A case study on the tree sparrow <i>Passer montanus</i> . <i>Chemosphere</i> , 2022 , 295, 133947	8.4	1
5	Microbial communities respond to microenvironments in lungs of mice under simulated exposure to cadmium aerosols. <i>Science of the Total Environment</i> , 2020 , 710, 136300	10.2	1
4	Respiratory exposure to carbon black nanoparticles may induce testicular structure damage and lead to decreased sperm quality in mice. <i>Reproductive Toxicology</i> , 2021 , 106, 32-41	3.4	0
3	Improvement of sperm traits related to the high level of extra-pair fertilization in tree sparrow population under long-term environmental heavy metal pollution. <i>Science of the Total Environment</i> , 2021 , 790, 148109	10.2	0
2	Senegenin alleviates A β -42 induced cell damage through triggering mitophagy. <i>Journal of Ethnopharmacology</i> , 2022 , 295, 115409	5	0
1	Exogenous S-adenosyl-L-methionine Could Inhibit c-myc Overexpression Induced by As ₂ O ₃ in Normal Human Liver HL-7702 Cells. <i>Journal of Health Science</i> , 2011 , 57, 188-191		