

Juan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

790
citations

516561

16
h-index

580701

25
g-index

56
all docs

56
docs citations

56
times ranked

947
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal variation and health risk assessment of organophosphate esters in surface and drinking water in Nanjing, China. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 411-422.	1.8	7
2	Hearing loss and hypertension among noise-exposed workers: a pilot study based on baseline data. <i>International Journal of Environmental Health Research</i> , 2023, 33, 783-795.	1.3	0
3	Short-term ambient particulate air pollution exposure, microRNAs, blood pressure and lung function. <i>Environmental Pollution</i> , 2022, 292, 118387.	3.7	8
4	LincRNA-p21 promotes p21-mediated cell cycle arrest in benzene-induced hematotoxicity by sponging miRNA-17-5p. <i>Environmental Pollution</i> , 2022, 296, 118706.	3.7	10
5	Removal of microcystins from water and primary treatment technologies – A comprehensive understanding based on bibliometric and content analysis, 1991–2020. <i>Journal of Environmental Management</i> , 2022, 305, 114349.	3.8	13
6	Multiple pathways for the anaerobic biodegradation of microcystin-LR in the enriched microbial communities from Lake Taihu. <i>Environmental Pollution</i> , 2022, 297, 118787.	3.7	7
7	Research development and trends of benzene-induced leukemia from 1990 to 2019-A bibliometric analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9626-9639.	2.7	5
8	Evi1 involved in benzene-induced haematotoxicity via modulation of PI3K/mTOR pathway and negative regulation Serpin2. <i>Chemico-Biological Interactions</i> , 2022, 354, 109836.	1.7	3
9	TMT-Based Quantitative Proteomics Reveals Cochlear Protein Profile Alterations in Mice with Noise-Induced Hearing Loss. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 382.	1.2	7
10	Metabolomics Analysis Reveals Alterations in Cochlear Metabolic Profiling in Mice with Noise-Induced Hearing Loss. <i>BioMed Research International</i> , 2022, 2022, 1-15.	0.9	6
11	Ferroptosis is involved in the benzene-induced hematotoxicity in mice via iron metabolism, oxidative stress and NRF2 signaling pathway. <i>Chemico-Biological Interactions</i> , 2022, 362, 110004.	1.7	25
12	CARD8 polymorphism rs2043211 protects against noise-induced hearing loss by causing the dysfunction of CARD8 protein. <i>Environmental Science and Pollution Research</i> , 2021, 28, 8626-8636.	2.7	7
13	Toxicity in hematopoietic stem cells from bone marrow and peripheral blood in mice after benzene exposure: Single-cell transcriptome sequencing analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111490.	2.9	20
14	Polymorphisms in the FAS gene are associated with susceptibility to noise-induced hearing loss. <i>Environmental Science and Pollution Research</i> , 2021, 28, 21754-21765.	2.7	5
15	A functional SNP in miR-625-5p binding site of AKT2 3'UTR is associated with noise-induced hearing loss susceptibility in the Chinese population. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40782-40792.	2.7	6
16	A novel living environment exposure matrix of the common organic air pollutants for exposure assessment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112118.	2.9	4
17	Gender differences in hematotoxicity of benzene-exposed workers, three cross-sectional studies on 218,061 subjects. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57297-57307.	2.7	3
18	Lipidomic analysis reveals disturbances in glycerophospholipid and sphingolipid metabolic pathways in benzene-exposed mice. <i>Toxicology Research</i> , 2021, 10, 706-718.	0.9	6

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19	Indoor unclean fuel cessation linked with adult cognitive performance in China. <i>Science of the Total Environment</i> , 2021, 775, 145518.	3.9	8
20	Plasma metabolomic profiling in workers with noise-induced hearing loss: a pilot study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 68539-68550.	2.7	12
21	The effects of glucose-6-phosphate dehydrogenase deficiency on benzene-induced hematotoxicity in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112803.	2.9	1
22	Immunosuppression characterized by increased Treg cell and IL-10 levels in benzene-induced hematopoietic toxicity mouse model. <i>Toxicology</i> , 2021, 464, 152990.	2.0	11
23	Study on the reproductive toxicity and mechanism of tri-n-butyl phosphate (TnBP) in <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112896.	2.9	15
24	Biodegradation of Nodularin by a Microcystin-Degrading Bacterium: Performance, Degradation Pathway, and Potential Application. <i>Toxins</i> , 2021, 13, 813.	1.5	1
25	Benzene exposure induces gut microbiota dysbiosis and metabolic disorder in mice. <i>Science of the Total Environment</i> , 2020, 705, 135879.	3.9	39
26	Occupational benzene exposure and the risk of genetic damage: a systematic review and meta-analysis. <i>BMC Public Health</i> , 2020, 20, 1113.	1.2	17
27	Self-poisoning with pesticides in Jiangsu Province, China: a cross-sectional study on 24,602 subjects. <i>BMC Psychiatry</i> , 2020, 20, 545.	1.1	8
28	L-carnitine protects against 1,4-benzoquinone-induced apoptosis and DNA damage by suppressing oxidative stress and promoting fatty acid oxidation in K562 cells. <i>Environmental Toxicology</i> , 2020, 35, 1033-1042.	2.1	5
29	Single-Nucleotide Polymorphisms in XPO5 are Associated with Noise-Induced Hearing Loss in a Chinese Population. <i>Biochemistry Research International</i> , 2020, 2020, 1-10.	1.5	6
30	Effects of Microcystin-LR on Metabolic Functions and Structure Succession of Sediment Bacterial Community under Anaerobic Conditions. <i>Toxins</i> , 2020, 12, 183.	1.5	16
31	PTP4A3, A Novel Target Gene of HIF-1alpha, Participates in Benzene-Induced Cell Proliferation Inhibition and Apoptosis through PI3K/AKT Pathway. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 910.	1.2	5
32	Associations of Genetic Variation in Glyceraldehyde 3-Phosphate Dehydrogenase Gene with Noise-Induced Hearing Loss in a Chinese Population: A Case-Control Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2899.	1.2	4
33	Types of Exposure Pesticide Poisoning in Jiangsu Province, China; The Epidemiologic Trend between 2006 and 2018. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2586.	1.2	5
34	An overview of research trends and genetic polymorphisms for noise-induced hearing loss from 2009 to 2018. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34754-34774.	2.7	34
35	Prodigiosin induces apoptosis and inhibits autophagy via the extracellular signal-regulated kinase pathway in K562 cells. <i>Toxicology in Vitro</i> , 2019, 60, 107-115.	1.1	24
36	Overexpression of HIF-1a could partially protect K562 cells from 1,4-benzoquinone induced toxicity by inhibiting ROS, apoptosis and enhancing glycolysis. <i>Toxicology in Vitro</i> , 2019, 55, 18-23.	1.1	40

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37	Association between NFE2L2 Gene Polymorphisms and Noise-induced Hearing Loss in a Chinese Population. <i>Biomedical and Environmental Sciences</i> , 2019, 32, 465-470.	0.2	8
38	Hearing Loss Characteristics of Workers with Hypertension Exposed to Occupational Noise: A Cross-Sectional Study of 270,033 Participants. <i>BioMed Research International</i> , 2018, 2018, 1-6.	0.9	12
39	Global Identification of HIF-1 \pm Target Genes in Benzene Poisoning Mouse Bone Marrow Cells. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2531.	1.2	3
40	Further Understanding of Degradation Pathways of Microcystin-LR by an Indigenous <i>Sphingopyxis</i> sp. in Environmentally Relevant Pollution Concentrations. <i>Toxins</i> , 2018, 10, 536.	1.5	24
41	Plasma metabolomics investigation reveals involvement of fatty acid oxidation in hematotoxicity in Chinese benzene-exposed workers with low white blood cell count. <i>Environmental Science and Pollution Research</i> , 2018, 25, 32506-32514.	2.7	13
42	Acetyl-L-carnitine partially prevents benzene-induced hematotoxicity and oxidative stress in C3H/He mice. <i>Environmental Toxicology and Pharmacology</i> , 2017, 51, 108-113.	2.0	17
43	A Novel and Native Microcystin-Degrading Bacterium of <i>Sphingopyxis</i> sp. Isolated from Lake Taihu. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1187.	1.2	26
44	Acute Pesticide Poisoning in Jiangsu Province, China, from 2006 to 2015. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 695-700.	0.2	6
45	Inhibition of Glucose-6-Phosphate Dehydrogenase Could Enhance 1,4-Benzoquinone-Induced Oxidative Damage in K562 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	14
46	Benzene Exposure Alters Expression of Enzymes Involved in Fatty Acid β -Oxidation in Male C3H/He Mice. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1068.	1.2	28
47	Involvement of hypoxia-inducible factor-1 β (HIF-1 β) in inhibition of benzene on mouse hematopoietic system. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 402-406.	1.1	11
48	Altered Expression of Genes in Signaling Pathways Regulating Proliferation of Hematopoietic Stem and Progenitor Cells in Mice with Subchronic Benzene Exposure. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 9298-9313.	1.2	14
49	Overexpression of G6PD and HSP90 Beta in Mice with Benzene Exposure Revealed by Serum Peptidome Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11241-11253.	1.2	5
50	Benzene-Induced Aberrant miRNA Expression Profile in Hematopoietic Progenitor Cells in C57BL/6 Mice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27058-27071.	1.8	27
51	Small Molecule Metabolite Biomarker Candidates in Urine from Mice Exposed to Formaldehyde. <i>International Journal of Molecular Sciences</i> , 2014, 15, 16458-16468.	1.8	7
52	Investigation into Variation of Endogenous Metabolites in Bone Marrow Cells and Plasma in C3H/He Mice Exposed to Benzene. <i>International Journal of Molecular Sciences</i> , 2014, 15, 4994-5010.	1.8	25
53	Aberrant Production of Th1/Th2/Th17-Related Cytokines in Serum of C57BL/6 Mice after Short-Term Formaldehyde Exposure. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 10036-10050.	1.2	18
54	MiR-181 mediates cell differentiation by interrupting the Lin28 and let-7 feedback circuit. <i>Cell Death and Differentiation</i> , 2012, 19, 378-386.	5.0	117

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55	Metabonomics Biomarkers for Subacute Toxicity Screening for Benzene Exposure in Mice. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 1163-1173.	1.1	22