

Hong-Jie Sun

List of Publications by Year in descending order

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47
papers

1,985
citations

230014

27
h-index

274796

44
g-index

48
all docs

48
docs citations

48
times ranked

2630
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecotoxicological assessment of spent battery extract using zebrafish embryotoxicity test: A multi-biomarker approach. <i>Chemosphere</i> , 2022, 287, 132120.	4.2	9
2	Using simple and easy water quality parameters to predict trihalomethane occurrence in tap water. <i>Chemosphere</i> , 2022, 286, 131586.	4.2	52
3	Product identification and toxicity change during oxidation of methotrexate by ferrate and permanganate in water. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	3.3	9
4	Arsenic and selenium in the plant-soil-human ecosystem: CREST publications during 2018â€“2021. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3567-3572.	6.6	6
5	Precursor characteristics of mono-HAAs during chlorination and cytotoxicity of mono-HAAs on HEK-293T cells. <i>Chemosphere</i> , 2022, 301, 134689.	4.2	6
6	Nrf2/Keap1 pathway in countering arsenic-induced oxidative stress in mice after chronic exposure at environmentally-relevant concentrations. <i>Chemosphere</i> , 2022, 303, 135256.	4.2	11
7	Cyclophosphamide induced physiological and biochemical changes in mice with an emphasis on sensitivity analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111889.	2.9	17
8	Metal/metalloid levels in hair of Shenzhen residents and the associated influencing factors. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112375.	2.9	15
9	Environmentally relevant concentrations of arsenic induces apoptosis in the early life stage of zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112883.	2.9	18
10	Precursors for brominated haloacetic acids during chlorination and a new useful indicator for bromine substitution factor. <i>Science of the Total Environment</i> , 2020, 698, 134250.	3.9	44
11	Pesticides in human milk collected from Jinhua, China: Levels, influencing factors and health risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111331.	2.9	18
12	Radial basis function artificial neural network (RBF ANN) as well as the hybrid method of RBF ANN and grey relational analysis able to well predict trihalomethanes levels in tap water. <i>Journal of Hydrology</i> , 2020, 591, 125574.	2.3	74
13	Antioxidant responses and pathological changes in the gill of zebrafish (<i>Danio rerio</i>) after chronic exposure to arsenite at its reference dose. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110743.	2.9	18
14	Lead bioavailability in different fractions of mining- and smelting-contaminated soils based on a sequential extraction and mouse kidney model. <i>Environmental Pollution</i> , 2020, 262, 114253.	3.7	18
15	Pesticide residues in breast milk and the associated risk assessment: A review focused on China. <i>Science of the Total Environment</i> , 2020, 727, 138412.	3.9	49
16	Environmentally relevant concentrations of arsenite induces developmental toxicity and oxidative responses in the early life stage of zebrafish. <i>Environmental Pollution</i> , 2019, 254, 113022.	3.7	29
17	Chronic exposure to dichloroacetamide induces biochemical and histopathological changes in the gills of zebrafish. <i>Environmental Toxicology</i> , 2019, 34, 781-787.	2.1	15
18	The toxicity of 2,6-dichlorobenzoquinone on the early life stage of zebrafish: A survey on the endpoints at developmental toxicity, oxidative stress, genotoxicity and cytotoxicity. <i>Environmental Pollution</i> , 2019, 245, 719-724.	3.7	40

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19	Formation of disinfection by-products during chlorination of organic matter from phoenix tree leaves and <i>Chlorella vulgaris</i> . <i>Environmental Pollution</i> , 2018, 243, 1887-1893.	3.7	37
20	Regression models evaluating THMs, HAAs and HANs formation upon chloramination of source water collected from Yangtze River Delta Region, China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 249-256.	2.9	35
21	Impact on growth, oxidative stress, and apoptosis-related gene transcription of zebrafish after exposure to low concentration of arsenite. <i>Chemosphere</i> , 2018, 211, 648-652.	4.2	30
22	Bromine incorporation into five DBP classes upon chlorination of water with extremely low SUVA values. <i>Science of the Total Environment</i> , 2017, 590-591, 720-728.	3.9	39
23	Effects of novel brominated flame retardant TBPH and its metabolite TBMEHP on human vascular endothelial cells: Implication for human health risks. <i>Environmental Research</i> , 2017, 156, 834-842.	3.7	26
24	Arsenic Relative Bioavailability in Rice Using a Mouse Arsenic Urinary Excretion Bioassay and Its Application to Assess Human Health Risk. <i>Environmental Science & Technology</i> , 2017, 51, 4689-4696.	4.6	56
25	Lead relative bioavailability in soils based on different endpoints of a mouse model. <i>Journal of Hazardous Materials</i> , 2017, 326, 94-100.	6.5	23
26	Thyrototoxicity of arsenate and arsenite on juvenile mice at organism, subcellular, and gene levels under low exposure. <i>Chemosphere</i> , 2017, 186, 580-587.	4.2	17
27	Effect of phosphate amendment on relative bioavailability and bioaccessibility of lead and arsenic in contaminated soils. <i>Journal of Hazardous Materials</i> , 2017, 339, 256-263.	6.5	50
28	Molecular mechanisms of dust-induced toxicity in human corneal epithelial cells: Water and organic extract of office and house dust. <i>Environment International</i> , 2016, 92-93, 348-356.	4.8	54
29	Assessment of cadmium bioaccessibility to predict its bioavailability in contaminated soils. <i>Environment International</i> , 2016, 94, 600-606.	4.8	71
30	Mechanisms of arsenic disruption on gonadal, adrenal and thyroid endocrine systems in humans: A review. <i>Environment International</i> , 2016, 95, 61-68.	4.8	78
31	Mechanisms of housedust-induced toxicity in primary human corneal epithelial cells: Oxidative stress, proinflammatory response and mitochondrial dysfunction. <i>Environment International</i> , 2016, 89-90, 30-37.	4.8	49
32	Predicting the Relative Bioavailability of DDT and Its Metabolites in Historically Contaminated Soils Using a Tenax-Improved Physiologically Based Extraction Test (TI-PBET). <i>Environmental Science & Technology</i> , 2016, 50, 1118-1125.	4.6	46
33	Arsenic impacted the development, thyroid hormone and gene transcription of thyroid hormone receptors in bighead carp larvae (<i>Hypophthalmichthys nobilis</i>). <i>Journal of Hazardous Materials</i> , 2016, 303, 76-82.	6.5	26
34	Arsenic Relative Bioavailability in Contaminated Soils: Comparison of Animal Models, Dosing Schemes, and Biological End Points. <i>Environmental Science & Technology</i> , 2016, 50, 453-461.	4.6	55
35	Short-term exposure of arsenite disrupted thyroid endocrine system and altered gene transcription in the HPT axis in zebrafish. <i>Environmental Pollution</i> , 2015, 205, 145-152.	3.7	28
36	Interactive effects of mercury and arsenic on their uptake, speciation and toxicity in rice seedling. <i>Chemosphere</i> , 2014, 117, 737-744.	4.2	38

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37	Arsenic and selenium toxicity and their interactive effects in humans. <i>Environment International</i> , 2014, 69, 148-158.	4.8	322
38	Antimony uptake, translocation and speciation in rice plants exposed to antimonite and antimonate. <i>Science of the Total Environment</i> , 2014, 475, 83-89.	3.9	120
39	Growth, oxidative stress responses, and gene transcription of juvenile bighead carp (<i>Hypophthalmichthys nobilis</i>) under chronic-term exposure of ammonia. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1726-1731.	2.2	45
40	In situ studies on growth, oxidative stress responses, and gene expression of juvenile bighead carp (<i>Hypophthalmichthys nobilis</i>) to eutrophic lake water dominated by cyanobacterial blooms. <i>Chemosphere</i> , 2013, 93, 421-427.	4.2	30
41	Dose-dependent effect of un-ionized ammonia on hatching success of fertilized eggs of silver carp <i>Hypophthalmichthys molitrix</i> and bighead carp <i>Hypophthalmichthys nobilis</i> . <i>Journal of Freshwater Ecology</i> , 2013, 28, 39-46.	0.5	4
42	Responses of crucian carp <i>Carassius auratus</i> to long-term exposure to nitrite and low dissolved oxygen levels. <i>Biochemical Systematics and Ecology</i> , 2012, 44, 224-232.	0.6	35
43	Combined effects of ammonia and microcystin on survival, growth, antioxidant responses, and lipid peroxidation of bighead carp <i>Hypophthalmichthys nobilis</i> larvae. <i>Journal of Hazardous Materials</i> , 2012, 221-222, 213-219.	6.5	134
44	Effect of purified microcystin on oxidative stress of silver carp <i>Hypophthalmichthys molitrix</i> larvae under different ammonia concentrations. <i>Biochemical Systematics and Ecology</i> , 2011, 39, 536-543.	0.6	38
45	Response of juvenile crucian carp (<i>Carassius auratus</i>) to long-term ammonia exposure: feeding, growth, and antioxidant defenses. <i>Journal of Freshwater Ecology</i> , 2011, , 1-8.	0.5	8
46	Changes in the selected hematological parameters and gill Na ⁺ /K ⁺ ATPase activity of juvenile crucian carp <i>Carassius auratus</i> during elevated ammonia exposure and the post-exposure recovery. <i>Biochemical Systematics and Ecology</i> , 2010, 38, 557-562.	0.6	42
47	Incubation and oxidative stress of grass carp (<i>Ctenopharyngodon idella</i>) embryos exposed to different un-ionized ammonia levels. <i>Journal of Freshwater Ecology</i> , 0, , 1-8.	0.5	1