

Ran Bi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Detection and Analysis of Microplastics in Human Sputum. <i>Environmental Science & Technology</i> , 2022, 56, 2476-2486.	4.6	141
2	Influence of electrical fields (AC and DC) on phytoremediation of metal polluted soils with rapeseed (<i>Brassica napus</i>) and tobacco (<i>Nicotiana tabacum</i>). <i>Chemosphere</i> , 2011, 83, 318-326.	4.2	100
3	Giving waterbodies the treatment they need: A critical review of the application of constructed floating wetlands. <i>Journal of Environmental Management</i> , 2019, 238, 484-498.	3.8	82
4	Electrokinetic enhancement on phytoremediation in Zn, Pb, Cu and Cd contaminated soil using potato plants. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 926-933.	0.9	66
5	Alternating current electrical field effects on lettuce (<i>Lactuca sativa</i>) growing in hydroponic culture with and without cadmium contamination. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1217-1223.	1.5	44
6	The arsenic content in marketed seafood and associated health risks for the residents of Shandong, China. <i>Ecotoxicology and Environmental Safety</i> , 2014, 102, 168-173.	2.9	43
7	Maternal transfer and reproductive effects of Cr(VI) in Japanese medaka (<i>Oryzias latipes</i>) under acute and chronic exposures. <i>Aquatic Toxicology</i> , 2016, 171, 59-68.	1.9	38
8	Sensitivities of seven algal species to triclosan, fluoxetine and their mixtures. <i>Scientific Reports</i> , 2018, 8, 15361.	1.6	34
9	Toxic responses of cytochrome P450 sub-enzyme activities to heavy metals exposure in soil and correlation with their bioaccumulation in <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 158-165.	2.9	32
10	The acute toxicity of bisphenol A and lignin-derived bisphenol in algae, daphnids, and Japanese medaka. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23872-23879.	2.7	29
11	Toward an integrated framework for assessing micropollutants in marine mammals: Challenges, progress, and opportunities. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2824-2871.	6.6	25
12	Bioaccumulation, subcellular distribution, and acute effects of chromium in Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2611-2617.	2.2	20
13	Detoxification and reclamation of hydrometallurgical arsenic- and trace metals-bearing gypsum via hydrothermal recrystallization in acid solution. <i>Chemosphere</i> , 2020, 250, 126290.	4.2	20
14	Individual and binary mixture effects of bisphenol A and lignin-derived bisphenol in <i>Daphnia magna</i> under chronic exposure. <i>Chemosphere</i> , 2018, 191, 779-786.	4.2	18
15	Chlorinated organic contaminants in fish from the South China Sea: Assessing risk to Indo-Pacific humpback dolphin. <i>Environmental Pollution</i> , 2020, 263, 114346.	3.7	16
16	Are there risks induced by novel and legacy poly- and perfluoroalkyl substances in coastal aquaculture base in South China?. <i>Science of the Total Environment</i> , 2021, 779, 146539.	3.9	14
17	Mechanism of As(III) removal properties of biochar-supported molybdenum-disulfide/iron-oxide system. <i>Environmental Pollution</i> , 2021, 287, 117600.	3.7	13
18	Risk assessment of potentially toxic elements accumulated in fish to Indo-Pacific humpback dolphins in the South China Sea. <i>Science of the Total Environment</i> , 2021, 761, 143256.	3.9	12

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19	Accumulation of nutrients and potentially toxic elements in plants and fishes in restored mangrove ecosystems in South China. <i>Science of the Total Environment</i> , 2022, 838, 155964.	3.9	8
20	Assessment of metal contamination in the Hun River, China, and evaluation of the fish <i>Zacco platypus</i> and the snail <i>Radix swinhoei</i> as potential biomonitors. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6512-6522.	2.7	7
21	Influence of phosphorus on the uptake and biotransformation of arsenic in <i>Porphyra haitanensis</i> at environmental relevant concentrations. <i>Science of the Total Environment</i> , 2021, 800, 149534.	3.9	7
22	Biogeographic patterns of benthic microbial communities in metal(loid)-contaminated semi-enclosed bay. <i>Chemosphere</i> , 2022, 299, 134412.	4.2	5
23	Digestive solubilization of Cd in highly-contaminated sediment by marine deposit feeders: The roles of intestinal surfactants in Cd mobilization and Re-Adsorption processes. <i>Environmental Pollution</i> , 2020, 266, 115149.	3.7	0