

Rui Zhang

List of Publications by Year in descending order

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25
papers

357
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759233

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521
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#	ARTICLE	IF	CITATIONS
1	Bioaccumulation, Metabolism, and Biomarker Responses in <i>Hyriopsis cumingii</i> Exposed to 4-Mono-Chlorinated Dibenzothiophene. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1871-1880.	4.3	5
2	Polychlorinated Diphenyl Sulfides: An Emerging Class of Persistent, Bioaccumulative, and Toxic Substances in the Environment. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2657-2666.	4.3	6
3	Using <i>In Vitro</i> and Machine Learning Approaches to Determine Species-Specific Dioxin-like Potency and Congener-Specific Relative Sensitivity among Birds for Brominated Dioxin Analogues. <i>Environmental Science & Technology</i> , 2021, 55, 16056-16066.	10.0	6
4	Computational evaluation of interactions between organophosphate esters and nuclear hormone receptors. <i>Environmental Research</i> , 2020, 182, 108982.	7.5	17
5	Quantum chemical investigations of the decomposition of the peroxydisulfate ion to sulfate radicals. <i>Chemical Engineering Journal</i> , 2019, 361, 960-967.	12.7	6
6	Polychlorinated Diphenylsulfides Activate Aryl Hydrocarbon Receptor 2 in Zebrafish Embryos: Potential Mechanism of Developmental Toxicity. <i>Environmental Science & Technology</i> , 2018, 52, 4402-4412.	10.0	22
7	The impact of dissolved oxygen on sulfate radical-induced oxidation of organic micro-pollutants: A theoretical study. <i>Water Research</i> , 2018, 135, 144-154.	11.3	32
8	Characteristics and health risk assessment of volatile organic compounds emitted from interior materials in vehicles: a case study from Nanjing, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14789-14798.	5.3	19
9	Down-Regulation of <i>hspb9</i> and <i>hspb11</i> Contributes to Wavy Notochord in Zebrafish Embryos Following Exposure to Polychlorinated Diphenylsulfides. <i>Environmental Science & Technology</i> , 2018, 52, 12829-12840.	10.0	7
10	Tissue-specific bioaccumulation, depuration and metabolism of 4,4'-dichlorodiphenyl sulfide in the freshwater mussel <i>Anodonta woodiana</i> . <i>Science of the Total Environment</i> , 2018, 642, 854-863.	8.0	16
11	Genotoxicity and cytotoxicity reduction of the polluted urban river after ecological restoration: a field-scale study of Jialu River in northern China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6715-6723.	5.3	12
12	Comparison of different advanced treatment processes in removing endocrine disruption effects from municipal wastewater secondary effluent. <i>Chemosphere</i> , 2017, 168, 1-9.	8.2	34
13	A high-throughput, computational system to predict if environmental contaminants can bind to human nuclear receptors. <i>Science of the Total Environment</i> , 2017, 576, 609-616.	8.0	18
14	Relative sensitivities among avian species to individual and mixtures of aryl hydrocarbon receptor-active compounds. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1239-1246.	4.3	1
15	In vitro dioxin-like potencies of HO- and MeO-PBDEs and inter-species sensitivity variation in birds. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 202-210.	6.0	14
16	Endocrine disrupting compounds reduction and water quality improvement in reclaimed municipal wastewater: A field-scale study along Jialu River in North China. <i>Chemosphere</i> , 2016, 157, 232-240.	8.2	25
17	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. <i>Chemosphere</i> , 2016, 144, 1754-1762.	8.2	18
18	Activation of Avian Aryl Hydrocarbon Receptor and Inter-species Sensitivity Variations by Polychlorinated Diphenylsulfides. <i>Environmental Science & Technology</i> , 2014, 48, 10948-10956.	10.0	20

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19	Signal transduction disturbance related to hepatocarcinogenesis in mouse by prolonged exposure to Nanjing drinking water. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6468-6481.	5.3	3
20	Relative Potencies of Aroclor Mixtures Derived from Avian in Vitro Bioassays: Comparisons with Calculated Toxic Equivalents. <i>Environmental Science & Technology</i> , 2013, 47, 130717130452005.	10.0	6
21	NMR-based metabolic profiling for serum of mouse exposed to source water. <i>Ecotoxicology</i> , 2011, 20, 1065-1070.	2.4	3
22	Genome-wide screening of indicator genes for assessing the potential carcinogenic risk of Nanjing city drinking water. <i>Ecotoxicology</i> , 2011, 20, 1033-1040.	2.4	5
23	Risk assessment of polycyclic aromatic hydrocarbons in aquatic ecosystems. <i>Ecotoxicology</i> , 2011, 20, 1124-1130.	2.4	56
24	Preliminary evaluation of gene expression profiles in liver of mice exposed to Taihu Lake drinking water for 90 days. <i>Ecotoxicology</i> , 2011, 20, 1071-1077.	2.4	4
25	Integration of gene chip and topological network techniques to screen a candidate biomarker gene (CBG) for predication of the source water carcinogenesis risks on mouse <i>Mus musculus</i> . <i>Ecotoxicology</i> , 2011, 20, 1026-1032.	2.4	2