Rui Zhang

List of Publications by Year
in descending order

		759233	839539
25 papers	357 citations	12 h-index	18 g-index
25 all docs	25 docs citations	25 times ranked	521 citing authors

#	ARTICLE	IF	CITATIONS
1	Risk assessment of polycyclic aromatic hydrocarbons in aquatic ecosystems. Ecotoxicology, 2011, 20, 1124-1130.	2.4	56
2	Comparison of different advanced treatment processes in removing endocrine disruption effects from municipal wastewater secondary effluent. Chemosphere, 2017, 168, 1-9.	8.2	34
3	The impact of dissolved oxygen on sulfate radical-induced oxidation of organic micro-pollutants: A theoretical study. Water Research, 2018, 135, 144-154.	11.3	32
4	Endocrine disrupting compounds reduction and water quality improvement in reclaimed municipal wastewater: A field-scale study along Jialu River in North China. Chemosphere, 2016, 157, 232-240.	8.2	25
5	Polychlorinated Diphenylsulfides Activate Aryl Hydrocarbon Receptor 2 in Zebrafish Embryos: Potential Mechanism of Developmental Toxicity. Environmental Science & Technology, 2018, 52, 4402-4412.	10.0	22
6	Activation of Avian Aryl Hydrocarbon Receptor and Inter-species Sensitivity Variations by Polychlorinated Diphenylsulfides. Environmental Science & Technology, 2014, 48, 10948-10956.	10.0	20
7	Characteristics and health risk assessment of volatile organic compounds emitted from interior materials in vehicles: a case study from Nanjing, China. Environmental Science and Pollution Research, 2018, 25, 14789-14798.	5.3	19
8	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. Chemosphere, 2016, 144, 1754-1762.	8.2	18
9	A high-throughput, computational system to predict if environmental contaminants can bind to human nuclear receptors. Science of the Total Environment, 2017, 576, 609-616.	8.0	18
10	Computational evaluation of interactions between organophosphate esters and nuclear hormone receptors. Environmental Research, 2020, 182, 108982.	7.5	17
11	Tissue-specific bioaccumulation, depuration and metabolism of 4,4â€²-dichlorodiphenyl sulfide in the freshwater mussel Anodonta woodiana. Science of the Total Environment, 2018, 642, 854-863.	8.0	16
12	In vitro dioxin-like potencies of HO- and MeO-PBDEs and inter-species sensitivity variation in birds. Ecotoxicology and Environmental Safety, 2016, 126, 202-210.	6.0	14
13	Genotoxicity and cytotoxicity reduction of the polluted urban river after ecological restoration: a field-scale study of Jialu River in northern China. Environmental Science and Pollution Research, 2017, 24, 6715-6723.	5.3	12
14	Down-Regulation of *hspb9* and *hspb11* Contributes to Wavy Notochord in Zebrafish Embryos Following Exposure to Polychlorinated Diphenylsulfides. Environmental Science & Technology, 2018, 52, 12829-12840.	10.0	7
15	Relative Potencies of Aroclor Mixtures Derived from Avian in Vitro Bioassays: Comparisons with Calculated Toxic Equivalents. Environmental Science & Technology, 2013, 47, 130717130452005.	10.0	6
16	Quantum chemical investigations of the decomposition of the peroxydisulfate ion to sulfate radicals. Chemical Engineering Journal, 2019, 361, 960-967.	12.7	6
17	Polychlorinated Diphenyl Sulfides: An Emerging Class of Persistent, Bioaccumulative, and Toxic Substances in the Environment. Environmental Toxicology and Chemistry, 2021, 40, 2657-2666.	4.3	6
18	Using *In Vitro* and Machine Learning Approaches to Determine Species-Specific Dioxin-like Potency and Congener-Specific Relative Sensitivity among Birds for Brominated Dioxin Analogues. Environmental Science & Technology, 2021, 55, 16056-16066.	10.0	6

#	Article	IF	Citations
19	Genome-wide screening of indicator genes for assessing the potential carcinogenic risk of Nanjing city drinking water. Ecotoxicology, 2011, 20, 1033-1040.	2.4	5
20	Bioaccumulation, Metabolism, and Biomarker Responses in <i>Hyriopsis cumingii</i> Exposed to 4‐Mono‐Chlorinated Dibenzothiophene. Environmental Toxicology and Chemistry, 2021, 40, 1871-1880.	4.3	5
21	Preliminary evaluation of gene expression profiles in liver of mice exposed to Taihu Lake drinking water for 90 days. Ecotoxicology, 2011, 20, 1071-1077.	2.4	4
22	NMR-based metabolic profiling for serum of mouse exposed to source water. Ecotoxicology, 2011, 20, 1065-1070.	2.4	3
23	Signal transduction disturbance related to hepatocarcinogenesis in mouse by prolonged exposure to Nanjing drinking water. Environmental Science and Pollution Research, 2013, 20, 6468-6481.	5.3	3
24	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 Mus musculus. Ecotoxicology, 2011, 20, 1026-1032.	2.4	2
25	Relative sensitivities among avian species to individual and mixtures of aryl hydrocarbon receptor‐active compounds. Environmental Toxicology and Chemistry, 2016, 35, 1239-1246.	4.3	1