Rui Zhang

List of Publications by Year in Descending Order

25 papers	258 citations	11 h-index	15 g-index
25 ext. papers	302 ext. citations	7.1 avg, IF	3.11 L-index

#	Paper	IF	Citations
25	Using 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	10.3	2
24	Bioaccumulation, Metabolism, and Biomarker Responses in Hyriopsis cumingii Exposed to 4-Mono-Chlorinated Dibenzothiophene. *Environmental Toxicology and Chemistry*, **2021**, 40, 1873-1882	3.8	2
23	Polychlorinated Diphenyl Sulfides: An Emerging Class of Persistent, Bioaccumulative, and Toxic Substances in the Environment. *Environmental Toxicology and Chemistry*, **2021**, 40, 2657-2666	3.8	3
22	Computational evaluation of interactions between organophosphate esters and nuclear hormone receptors. *Environmental Research*, **2020**, 182, 108982	7.9	8
21	Quantum chemical investigations of the decomposition of the peroxydisulfate ion to sulfate radicals. *Chemical Engineering Journal*, **2019**, 361, 960-967	14.7	5
20	Polychlorinated Diphenylsulfides Activate Aryl Hydrocarbon Receptor 2 in Zebrafish Embryos: Potential Mechanism of Developmental Toxicity. *Environmental Science & Technology*, **2018**, 52, 4402-4412	10.3	13
19	The impact of dissolved oxygen on sulfate radical-induced oxidation of organic micro-pollutants: A theoretical study. *Water Research*, **2018**, 135, 144-154	12.5	23
18	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	5.1	14
17	Tissue-specific bioaccumulation, depuration and metabolism of 4,4'-dichlorodiphenyl sulfide in the freshwater mussel Anodonta woodiana. *Science of the Total Environment*, **2018**, 642, 854-863	10.2	14
16	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	10.3	5
15	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	5.1	8
14	Comparison of different advanced treatment processes in removing endocrine disruption effects from municipal wastewater secondary effluent. *Chemosphere*, **2017**, 168, 1-9	8.4	24
13	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	10.2	12
12	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. *Chemosphere*, **2016**, 144, 1754-62	8.4	15
11	Relative sensitivities among avian species to individual and mixtures of aryl hydrocarbon receptor-active compounds. *Environmental Toxicology and Chemistry*, **2016**, 35, 1239-46	3.8	1
10	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	7	12
9	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, 232-40	8.4	18

8	Activation of avian aryl hydrocarbon receptor and inter-species sensitivity variations by polychlorinated diphenylsulfides. *Environmental Science & Technology*, **2014**, 48, 10948-56	10.3	19
7	Signal transduction disturbance related to hepatocarcinogenesis in mouse by prolonged exposure to Nanjing drinking water. *Environmental Science and Pollution Research*, **2013**, 20, 6468-81	5.1	3
6	Relative potencies of aroclor mixtures derived from avian in vitro bioassays: comparisons with calculated toxic equivalents. *Environmental Science & Technology*, **2013**, 47, 8852-61	10.3	4
5	NMR-based metabolic profiling for serum of mouse exposed to source water. *Ecotoxicology*, **2011**, 20, 1065-70	2.9	2
4	Genome-wide screening of indicator genes for assessing the potential carcinogenic risk of Nanjing city drinking water. *Ecotoxicology*, **2011**, 20, 1033-40	2.9	5
3	Risk assessment of polycyclic aromatic hydrocarbons in aquatic ecosystems. *Ecotoxicology*, **2011**, 20, 1124-30	2.9	40
2	Preliminary evaluation of gene expression profiles in liver of mice exposed to Taihu Lake drinking water for 90 days. *Ecotoxicology*, **2011**, 20, 1071-7	2.9	4
1	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, 1026-32	2.9	2