Yuxiang Mao

List of Publications by Year in descending order

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16	379	1040056 9	940533 16
papers	citations	h-index	g-index

17	17	17	395
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Degradation of Methylmercury and Its Effects on Mercury Distribution and Cycling in the Florida Everglades. Environmental Science & Technology, 2010, 44, 6661-6666.	10.0	74
2	Simultaneous Speciation of Monomethylmercury and Monoethylmercury by Aqueous Phenylation and Purge-and-Trap Preconcentration Followed by Atomic Spectrometry Detection. Analytical Chemistry, 2008, 80, 7163-7168.	6.5	55
3	The fate of mercury in municipal wastewater treatment plants in China: Significance and implications for environmental cycling. Journal of Hazardous Materials, 2016, 306, 1-7.	12.4	44
4	Investigating Uptake and Translocation of Mercury Species by Sawgrass (Cladium jamaicense) Using a Stable Isotope Tracer Technique. Environmental Science & Technology, 2013, 47, 9678-9684.	10.0	37
5	Possible alkylation of inorganic Hg(II) by photochemical processes in the environment. Chemosphere, 2012, 88, 8-16.	8.2	30
6	Spatial Variability in Mercury Cycling and Relevant Biogeochemical Controls in the Florida Everglades. Environmental Science & Technology, 2009, 43, 4361-4366.	10.0	28
7	Occurrence of monoethylmercury in the Florida Everglades: Identification and verification. Environmental Pollution, 2010, 158, 3378-3384.	7.5	28
8	Occurrence, speciation and fate of mercury in the sewage sludge of China. Ecotoxicology and Environmental Safety, 2019, 186, 109787.	6.0	19
9	Solar-induced generation of singlet oxygen and hydroxyl radical in sewage wastewaters. Environmental Chemistry Letters, 2017, 15, 515-523.	16.2	13
10	Speciation, mass loadings, and fate of phosphorus in the sewage sludge of China. Environmental Science and Pollution Research, 2018, 25, 35531-35537.	5.3	9
11	Heavy metal(loid)s in sewage sludge in China: concentrations and spatial-temporal variations. Environmental Science and Pollution Research, 2021, 28, 29146-29156.	5.3	9
12	Leaching behavior and transformation of total mercury and methylmercury from raw and lime-conditioned sewage sludge under simulated rain. Chemosphere, 2021, 262, 127791.	8.2	8
13	A case study on the occurrence, transport, and fate of mercury species in a sewage treatment plant in Jiaozuo, China. Environmental Science and Pollution Research, 2018, 25, 21616-21622.	5.3	7
14	Influence of dissolved organic matter on methylmercury transformation during aerobic composting of municipal sewage sludge under different C/N ratios. Journal of Environmental Sciences, 2022, 119, 130-138.	6.1	7
15	Mercury in Municipal Sewage and Sewage Sludge. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 643-649.	2.7	6
16	Temporal Changes in the Toxicity of Pentachlorophenol toChlorella pyrenidosaAlgae. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2003, 38, 551-559.	1.5	5