Kuan Z Huang

List of Publications by Year in Descending Order

12 papers	177 citations	7 h-index	13 g-index
13 ext. papers	308 ext. citations	7.7 avg, IF	4.22 L-index

#	Paper	IF	Citations
12	A comprehensive kinetic model for phenol oxidation in seven advanced oxidation processes and considering the effects of halides and carbonate.. *Water Research X*, **2022**, 14, 100129	8.1	1
11	Investigation of water quality and its spatial distribution in the Kor River basin, Fars province, Iran. *Environmental Research*, **2022**, 204, 112294	7.9	1
10	Predicting Heavy Metal Adsorption on Soil with Machine Learning and Mapping Global Distribution of Soil Adsorption Capacities. *Environmental Science & Technology*, **2021**, 55, 14316-14328	10.3	8
9	System Dynamics-Multiple Objective Optimization Model for Water Resource Management: A Case Study in Jiaxing City, China. *Water (Switzerland)*, **2021**, 13, 671	3	4
8	An improved weighted index for the assessment of heavy metal pollution in soils in Zhejiang, China. *Environmental Research*, **2021**, 192, 110246	7.9	20
7	Highly Efficient Bromide Removal from Shale Gas Produced Water by Unactivated Peroxymonosulfate for Controlling Disinfection Byproduct Formation in Impacted Water Supplies. *Environmental Science & Technology*, **2020**, 54, 5186-5196	10.3	6
6	Galvanic oxidation processes (GOPs): An effective direct electron transfer approach for organic contaminant oxidation. *Science of the Total Environment*, **2020**, 743, 140828	10.2	5
5	Temperature and desorption mode matter in capacitive deionization process for water desalination. *Environmental Technology (United Kingdom)*, **2020**, 41, 3456-3463	2.6	8
4	Formation of disinfection by-products under influence of shale gas produced water. *Science of the Total Environment*, **2019**, 647, 744-751	10.2	16
3	Direct Electron-Transfer-Based Peroxymonosulfate Activation by Iron-Doped Manganese Oxide (ℇMnO) and the Development of Galvanic Oxidation Processes (GOPs). *Environmental Science & Technology*, **2019**, 53, 12610-12620	10.3	82
2	Impacts of shale gas production wastewater on disinfection byproduct formation: An investigation from a non-bromide perspective. *Water Research*, **2018**, 144, 656-664	12.5	9
1	Relation between operating parameters and desalination performance of capacitive deionization with activated carbon electrodes. *Environmental Science: Water Research and Technology*, **2015**, 1, 516-522	4.2	17