

# Kuan Z Huang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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