Tao Hua

List of Publications by Year
in descending order

11	563	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Technologies towards antibiotic resistance genes (ARGs) removal from aquatic environment: A critical review. Journal of Hazardous Materials, 2021, 411, 125148.	12.4	134
2	Electrochemical advanced oxidation processes coupled with membrane filtration for degrading antibiotic residues: A review on its potential applications, advances, and challenges. Science of the Total Environment, 2021, 784, 146912.	8.0	83
3	Microbial electrolysis cell as an emerging versatile technology: a review on its potential application, advance and challenge. Journal of Chemical Technology and Biotechnology, 2019, 94, 1697-1711.	3.2	82
4	Degradation pathways, microbial community and electricity properties analysis of antibiotic sulfamethoxazole by bio-electro-Fenton system. Bioresource Technology, 2020, 298, 122501.	9.6	68
5	Micro/macrostructure and multicomponent design of catalysts by MOF-derived strategy: Opportunities for the application of nanomaterials-based advanced oxidation processes in wastewater treatment. Science of the Total Environment, 2022, 804, 150096.	8.0	47
6	Microbial electro-Fenton: A promising system for antibiotics resistance genes degradation and energy generation. Science of the Total Environment, 2020, 699, 134160.	8.0	40
7	Bioâ€electroâ€Fenton systems for sustainable wastewater treatment: mechanisms, novel configurations, recent advances, LCA and challenges. An updated review. Journal of Chemical Technology and Biotechnology, 2020, 95, 2083-2097.	3.2	40
8	In-situ fabrication of ionic liquids/MIL-68(In)â€“NH2 photocatalyst for improving visible-light photocatalytic degradation of doxycycline hydrochloride. Chemosphere, 2022, 292, 133461.	8.2	25
9	Degradation of pyrene using single-chamber air-cathode microbial fuel cells: Electrochemical parameters and bacterial community changes. Science of the Total Environment, 2022, 804, 150153.	8.0	24
10	Activation of peroxymonosulfate in an electrochemical filter by MnFe2O4-rGO electro-assisted catalytic membrane for the degradation of oxytetracycline. Journal of Environmental Chemical Engineering, 2022, 10, 107008.	6.7	12
11	Electrochemical performance and response of bacterial community during phenanthrene degradation in single-chamber air-cathode microbial fuel cells. Environmental Science and Pollution Research, 2021, 28, 22705-22715.	5.3	8