

Tao Hua

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

563
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

469
citing authors

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