

Jianfeng Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

317
citations

1039880

9
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Airborne pathogenic microorganisms and air cleaning technology development: A review. <i>Journal of Hazardous Materials</i> , 2022, 424, 127429.	6.5	29
2	Making waves: Pathogen inactivation by electric field treatment: From liquid food to drinking water. <i>Water Research</i> , 2021, 207, 117817.	5.3	14
3	Emerging investigator series: locally enhanced electric field treatment (LEEFT) with nanowire-modified electrodes for water disinfection in pipes. <i>Environmental Science: Nano</i> , 2020, 7, 397-403.	2.2	25
4	Smartphone-powered efficient water disinfection at the point of use. <i>Npj Clean Water</i> , 2020, 3, .	3.1	9
5	Locally Enhanced Electric Field Treatment (LEEFT) Promotes the Performance of Ozonation for Bacteria Inactivation by Disrupting the Cell Membrane. <i>Environmental Science & Technology</i> , 2020, 54, 14017-14025.	4.6	41
6	Development of nanowire-modified electrodes applied in the locally enhanced electric field treatment (LEEFT) for water disinfection. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12262-12277.	5.2	22
7	Efficient microalgae inactivation and growth control by locally enhanced electric field treatment (LEEFT). <i>Environmental Science: Nano</i> , 2020, 7, 2021-2031.	2.2	8
8	Locally enhanced electric field treatment (LEEFT) for water disinfection. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	29
9	Electric-field enhanced microalgae inactivation using a flow-through copper ionization cell. <i>Journal of Hazardous Materials</i> , 2020, 400, 123320.	6.5	8
10	Silver Nanowire-Modified Filter with Controllable Silver Ion Release for Point-of-Use Disinfection. <i>Environmental Science & Technology</i> , 2019, 53, 7504-7512.	4.6	26
11	TriboPump: A Low-Cost, Hand-Powered Water Disinfection System. <i>Advanced Energy Materials</i> , 2019, 9, 1901320.	10.2	74
12	Rationally designed tubular coaxial-electrode copper ionization cells (CECICs) harnessing non-uniform electric field for efficient water disinfection. <i>Environment International</i> , 2019, 128, 30-36.	4.8	31