Jianfeng Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4391357/publications.pdf

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12	317	1039880 9	1125617 13
papers	citations	h-index	g-index

13	13	13	315
all docs	docs citations	times ranked	citing authors

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