Wei Song

List of Publications by Year
in descending order

17 papers	432 citations	840585 11 h-index	996849 15 g-index
17 all docs	17 docs citations	17 times ranked	397 citing authors

#	Article	IF	Citations
1	Algae-containing raw water treatment and by-products control based on ClO2 preoxidation-assisted coagulation/precipitation process. Environmental Geochemistry and Health, 2022, 44, 3837-3851.	1.8	2
2	Low consumption and portable technology for dithionite detection based on potassium ferricyanide differential spectrophotometry method in related advanced oxidation processes. Environmental Research, 2022, 205, 112430.	3.7	5
3	Estimation of water footprint in seawater desalination with reverse osmosis process. Environmental Research, 2022, 204, 112374.	3.7	16
4	A feasible approach for azo-dye methyl orange degradation in siderite/H2O2 assisted by persulfate: Optimization using response surface methodology and pathway. Journal of Environmental Management, 2022, 308, 114397.	3.8	16
5	Rapid degradation of atrazine by a novel advanced oxidation process of bisulfite/chlorine dioxide: Efficiency, mechanism, pathway. Chemical Engineering Journal, 2022, 445, 136558.	6.6	7
6	Accelerate sulfamethoxazole degradation and detoxification by persulfate mediated with Fe2+&dithionite: Experiments and DFT calculation. Journal of Hazardous Materials, 2022, 436, 129254.	6.5	20
7	Establishment of sulfate radical advanced oxidation process based on Fe2+/O2/dithionite for organic contaminants degradation. Chemical Engineering Journal, 2021, 410, 128204.	6.6	49
8	Degradation of bisphenol A by persulfate coupled with dithionite: Optimization using response surface methodology and pathway. Science of the Total Environment, 2020, 699, 134258.	3.9	46
9	Operation performance and microbial community of sulfur-based autotrophic denitrification sludge with different sulfur sources. Environmental Geochemistry and Health, 2020, 42, 1009-1020.	1.8	19
10	Reaction law of high purity chlorine dioxide and typical substances in raw water. IOP Conference Series: Earth and Environmental Science, 2020, 471, 012011.	0.2	0
11	The study progress and application of dithionite reduction technology in the treatment of environmental pollutants. IOP Conference Series: Earth and Environmental Science, 2020, 471, 012008.	0.2	2
12	Bioleaching of heavy metals from wastewater sludge with the aim of land application. Chemosphere, 2020, 249, 126134.	4.2	49
13	Decomplexation of electroplating wastewater by ozone-based advanced oxidation process. Water Science and Technology, 2019, 79, 589-596.	1.2	16
14	Kinetics and pathway of atrazine degradation by a novel method: Persulfate coupled with dithionite. Chemical Engineering Journal, 2019, 373, 803-813.	6.6	52
15	A mini review of activated methods to persulfate-based advanced oxidation process. Water Science and Technology, 2019, 79, 573-579.	1.2	70
16	A method for preparing analytically pure sodium dithionite. Dithionite quality and observed nitrogenase-specific activities. Biochimica Et Biophysica Acta - General Subjects, 1991, 1075, 109-117.	1.1	58
17	Removal of ferrous from the wastewater with high-concentration heavy metal by induced crystallization. , 0, 116, 129-136.		5