

# Wei Song

## List of Publications by Year in descending order

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Version: 2024-02-01

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