

Zhen Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9137105/publications.pdf>

Version: 2024-02-01

12
papers

608
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical activation of peroxydisulfate with ACF cathode: Kinetics, influencing factors, mechanism, and application potential. <i>Water Research</i> , 2019, 159, 111-121.	11.3	212
2	Removal of carbamazepine in water by electro-activated carbon fiber-peroxydisulfate: Comparison, optimization, recycle, and mechanism study. <i>Chemical Engineering Journal</i> , 2018, 343, 28-36.	12.7	119
3	Do membrane filtration systems in drinking water treatment plants release nano/microplastics?. <i>Science of the Total Environment</i> , 2021, 755, 142658.	8.0	59
4	In Situ Regeneration of Phenol-Saturated Activated Carbon Fiber by an Electro-peroxydisulfate Process. <i>Environmental Science & Technology</i> , 2020, 54, 10944-10953.	10.0	58
5	Simultaneous regeneration of cathodic activated carbon fiber and mineralization of desorbed contaminations by electro-peroxydisulfate process: Advantages and limitations. <i>Water Research</i> , 2020, 171, 115456.	11.3	47
6	Microwave assisted preparation and characterization of a chitosan based flocculant for the application and evaluation of sludge flocculation and dewatering. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 708-720.	7.5	37
7	Preparation of a graft modified flocculant based on chitosan by ultrasonic initiation and its synergistic effect with kaolin for the improvement of acid blue 83 (AB 83) removal. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 617-630.	7.5	36
8	Role of micro-size zero valence iron as particle electrodes in a three-dimensional heterogeneous electro-ozonation process for nitrobenzene degradation. <i>Chemosphere</i> , 2021, 276, 130264.	8.2	12
9	Bioretention system mediated by different dry-wet alterations on nitrogen removal: Performance, fate, and microbial community. <i>Science of the Total Environment</i> , 2022, 827, 154295.	8.0	10
10	Nitrogen process in stormwater bioretention: the impact of alternate drying and rewetting on nitrogen migration and transformation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43803-43814.	5.3	8
11	Laboratory Experimental Study on Influencing Factors of Drainage Pipe Crystallization in Highway Tunnel in Karst Area. <i>Coatings</i> , 2021, 11, 1493.	2.6	6
12	Enhanced carbon tetrachloride degradation by hydroxylamine in ferrous ion activated calcium peroxide in the presence of formic acid. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	6.0	4