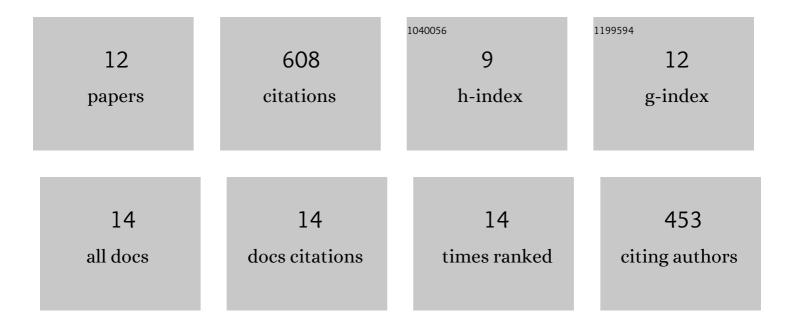
Zhen Liu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Electrochemical activation of peroxymonosulfate with ACF cathode: Kinetics, influencing factors, mechanism, and application potential. Water Research, 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. Chemical Engineering Journal, 2018, 343, 28-36.	12.7	119
3	Do membrane filtration systems in drinking water treatment plants release nano/microplastics?. Science of the Total Environment, 2021, 755, 142658.	8.0	59
4	In Situ Regeneration of Phenol-Saturated Activated Carbon Fiber by an Electro-peroxymonosulfate Process. Environmental Science & Technology, 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. Water Research, 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. International Journal of Biological Macromolecules, 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. International Journal of Biological Macromolecules, 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. Chemosphere, 2021, 276, 130264.	8.2	12
9	Bioretention system mediated by different dry–wet alterations on nitrogen removal: Performance, fate, and microbial community. Science of the Total Environment, 2022, 827, 154295.	8.0	10
10	Nitrogen process in stormwater bioretention: the impact of alternate drying and rewetting on nitrogen migration and transformation. Environmental Science and Pollution Research, 2021, 28, 43803-43814.	5.3	8
11	Laboratory Experimental Study on Influencing Factors of Drainage Pipe Crystallization in Highway Tunnel in Karst Area. Coatings, 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. Frontiers of Environmental Science and Engineering, 2020, 14, 1.	6.0	4

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