

Wenjiao Sang

List of Publications by Year in Descending Order

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Version: 2024-04-29

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

300
citations

10
h-index

17
g-index

21
ext. papers

450
ext. citations

5.9
avg, IF

3.93
L-index

#	Paper	IF	Citations
21	Improvement of degradation of Orange G in aqueous solution by Fe ²⁺ added in dielectric barrier discharge plasma system. <i>Journal of Water Process Engineering</i> , 2022 , 47, 102707	6.7	0
20	Recent Advances of Emerging Organic Pollutants Degradation in Environment by Non-Thermal Plasma Technology: A Review. <i>Water (Switzerland)</i> , 2022 , 14, 1351	3	0
19	Effect of the presence of inorganic anions on the degradation of phenol by dielectric barrier discharge plasma combined with RGO-TiO ₂ . <i>Journal of Water Process Engineering</i> , 2021 , 41, 101997	6.7	6
18	The abundance and characteristics of microplastics in rainwater pipelines in Wuhan, China. <i>Science of the Total Environment</i> , 2021 , 755, 142606	10.2	21
17	Sludge reduction and pollutants removal in anaerobic-anoxic-oxic reactor with 2450 MHz electromagnetic wave loading on returned sludge: Performance and mechanism. <i>Chemical Engineering Research and Design</i> , 2021 , 147, 68-79	5.5	3
16	Removal of N,N-dimethylformamide by dielectric barrier discharge plasma combine with manganese activated carbon. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 41698-41711	5.1	1
15	Research on different oxidants synergy with dielectric barrier discharge plasma in degradation of Orange G: Efficiency and mechanism. <i>Separation and Purification Technology</i> , 2021 , 277, 119473	8.3	5
14	Optimal Design of Combined Sewer Overflows Interception Facilities Based on the NSGA-III Algorithm. <i>Water (Switzerland)</i> , 2021 , 13, 3440	3	0
13	Removal mechanisms of Cr(VI) and Cr(III) by biochar supported nanosized zero-valent iron: Synergy of adsorption, reduction and transformation. <i>Environmental Pollution</i> , 2020 , 265, 115018	9.3	60
12	Na@La-modified zeolite particles for simultaneous removal of ammonia nitrogen and phosphate from rejected water: performance and mechanism. <i>Water Science and Technology</i> , 2020 , 82, 2975-2989	2.2	4
11	Improvement of the sludge flocculation dewatering efficient by electromagnetic wave loading: research based on removal of bound water. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 3413-3427	5.1	8
10	Enhanced transition metal oxide based peroxymonosulfate activation by hydroxylamine for the degradation of sulfamethoxazole. <i>Chemical Engineering Journal</i> , 2020 , 383, 123057	14.7	31
9	Bioaugmentation of sequencing batch reactor for aniline treatment during start-up period: Investigation of microbial community structure of activated sludge. <i>Chemosphere</i> , 2020 , 243, 125426	8.4	21
8	Achieving enhanced biological nitrogen removal via 2450 MHz electromagnetic wave loading on returned sludge in anaerobic-anoxic-oxic process. <i>Water Science and Technology</i> , 2020 , 82, 373-385	2.2	2
7	Activation of persulfate by manganese oxide-modified sludge-derived biochar to degrade Orange G in aqueous solution. <i>Environmental Pollutants and Bioavailability</i> , 2019 , 31, 70-79	2.8	23
6	Adsorption of Cd(II) From Aqueous Solutions by Modified Biochars: Comparison of Modification Methods. <i>Water, Air, and Soil Pollution</i> , 2019 , 230, 1	2.6	20
5	Degradation of liquid phase N,N-dimethylformamide by dielectric barrier discharge plasma: Mechanism and degradation pathways. <i>Chemosphere</i> , 2019 , 236, 124401	8.4	19

4	Degradation of aniline in aqueous solution by dielectric barrier discharge plasma: Mechanism and degradation pathways. <i>Chemosphere</i> , 2019 , 223, 416-424	8.4	35
3	Investigating the sorption behavior of cadmium from aqueous solution by potassium permanganate-modified biochar: quantify mechanism and evaluate the modification method. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 8330-8339	5.1	29
2	Start-up performance of anaerobic/aerobic/anoxic-sequencing batch reactor (SBR) augmented with denitrifying polyphosphate-accumulating organism (DPAO) and their gene analysis. <i>Water Science and Technology</i> , 2018 , 78, 523-533	2.2	1
1	Chemical speciation of heavy metals in excess sludge treatment by thermal hydrolysis and anaerobic digestion process. <i>Desalination and Water Treatment</i> , 2016 , 57, 12770-12776		11