

Wenjiao Sang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4586096/wenjiao-sang-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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
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	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
9	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
8	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
7	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
6	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
5	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

4	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
3	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
2	Optimal Design of Combined Sewer Overflows Interception Facilities Based on the NSGA-III Algorithm. <i>Water (Switzerland)</i> , 2021 , 13, 3440	3	0
1	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