

Shengnan Xu

List of Publications by Year in Descending Order

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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

472
citations

10
h-index

21
g-index

22
ext. papers

593
ext. citations

6.7
avg, IF

4
L-index

#	Paper	IF	Citations
21	The role of magnetic MOFs nanoparticles in enhanced iron coagulation of aquatic dissolved organic matter. <i>Chemosphere</i> , 2020 , 247, 125921	8.4	17
20	The importance of integrated fixed film activated sludge reactor and intermittent aeration in nitrification-anammox systems: Understanding reactor optimization for lagoon supernatant treatment. <i>International Biodeterioration and Biodegradation</i> , 2020 , 149, 104938	4.8	7
19	Long-term continuous partial nitrification-anammox reactor aeration optimization at different nitrogen loading rates for the treatment of ammonium rich digestate lagoon supernatant. <i>Process Biochemistry</i> , 2020 , 99, 139-146	4.8	2
18	Improving nitrogen removal in an IFAS nitrification-anammox reactor treating lagoon supernatant by manipulating biocarrier filling ratio and hydraulic retention time. <i>Biochemical Engineering Journal</i> , 2019 , 152, 107365	4.2	4
17	Importance of controlling phosphate concentration in nitrification-anammox reactor operation. <i>Environmental Science: Water Research and Technology</i> , 2019 , 5, 1234-1243	4.2	5
16	Impact of zero valent iron on blackwater anaerobic digestion. <i>Bioresource Technology</i> , 2019 , 285, 121351-11	11	25
15	Promoting waste activated sludge reduction by linear alkylbenzene sulfonates: Surfactant dose control extracellular polymeric substances solubilization and microbial community succession. <i>Journal of Hazardous Materials</i> , 2019 , 374, 74-82	12.8	18
14	Anammox reactor optimization for the treatment of ammonium rich digestate lagoon supernatant - Step feeding mitigates nitrite inhibition. <i>International Biodeterioration and Biodegradation</i> , 2019 , 143, 104733	4.8	10
13	Cocoamidopropyl Betaine Dosage Dependence of Short-Time Aerobic Digestion for Waste-Activated Sludge Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 877-884	8.3	4
12	Enhancing blackwater methane production by enriching hydrogenotrophic methanogens through hydrogen supplementation. <i>Bioresource Technology</i> , 2019 , 278, 481-485	11	25
11	Influence of pyrolysis temperature on production of digested sludge biochar and its application for ammonium removal from municipal wastewater. <i>Journal of Cleaner Production</i> , 2019 , 209, 927-936	10.3	117
10	Improving the energy efficiency of a pilot-scale UASB-digester for low temperature domestic wastewater treatment. <i>Biochemical Engineering Journal</i> , 2018 , 135, 71-78	4.2	21
9	Effect of Flow Rate Increase on the Performance of a Pilot-Scale Biological Nutrient Removal Reactor. <i>Journal of Environmental Engineering, ASCE</i> , 2018 , 144, 04018022	2	5
8	Biodegradation and toxicity of melamine at high activated sludge concentrations in a membrane bioreactor. <i>Water Science and Technology</i> , 2018 , 77, 979-987	2.2	5
7	Emerging investigator series: dual role of organic matter in the anaerobic degradation of triclosan. <i>Environmental Sciences: Processes and Impacts</i> , 2017 , 19, 499-506	4.3	4
6	Biochar-Facilitated Microbial Reduction of Hematite. <i>Environmental Science & Technology</i> , 2016 , 50, 2389-95	10.3	110
5	Kinetics of Nutrient Removal by Nano Zero-Valent Iron under Different Biochemical Environments. <i>Water Environment Research</i> , 2015 , 87, 483-90	2.8	6

4	Impact of hydraulic retention time on organic and nutrient removal in a membrane coupled sequencing batch reactor. <i>Water Research</i> , 2014 , 55, 12-20	12.5	49
3	Evaluation of anaerobic/anoxic/oxic (A2/O) and reverse A2/O processes in biological nutrient removal. <i>Water Environment Research</i> , 2014 , 86, 2186-93	2.8	5
2	Filamentous sludge bulking control by nano zero-valent iron in activated sludge treatment systems. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 2721-8	4.3	4
1	Fate and toxicity of melamine in activated sludge treatment systems after a long-term sludge adaptation. <i>Water Research</i> , 2013 , 47, 2307-14	12.5	29