

Yijing Shi

List of Publications by Year in descending order

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744
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566801

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17
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788
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes of the reactor performance and the properties of granular sludge under tetracycline (TC) stress. <i>Bioresource Technology</i> , 2013, 139, 170-175.	4.8	99
2	MgFe ₂ O ₄ -biochar based lanthanum alginate beads for advanced phosphate removal. <i>Chemical Engineering Journal</i> , 2020, 387, 123305.	6.6	88
3	Wastewater ammonia removal using an integrated fixed-film activated sludge-sequencing batch biofilm reactor (IFAS-SBR): Comparison of suspended flocs and attached biofilm. <i>International Biodeterioration and Biodegradation</i> , 2017, 116, 38-47.	1.9	72
4	Microbial activity balance in size fractionated suspended growth biomass from full-scale sidestream combined nitrification-anammox reactors. <i>Bioresource Technology</i> , 2016, 218, 38-45.	4.8	63
5	Comparison of biomass from integrated fixed-film activated sludge (IFAS), moving bed biofilm reactor (MBBR) and membrane bioreactor (MBR) treating recalcitrant organics: Importance of attached biomass. <i>Journal of Hazardous Materials</i> , 2017, 326, 120-129.	6.5	58
6	Treatment of oil sands process-affected water using moving bed biofilm reactors: With and without ozone pretreatment. <i>Bioresource Technology</i> , 2015, 192, 219-227.	4.8	56
7	Evolution of extracellular polymeric substances (EPS) in aerobic sludge granulation: Composition, adherence and viscoelastic properties. <i>Chemosphere</i> , 2021, 262, 128033.	4.2	46
8	Treatment of oil sands process-affected water (OSPW) using ozonation combined with integrated fixed-film activated sludge (IFAS). <i>Water Research</i> , 2015, 85, 167-176.	5.3	45
9	The Ecology and Evolution of Amoeba-Bacterium Interactions. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	42
10	Responses of aerobic granular sludge to fluoroquinolones: Microbial community variations, and antibiotic resistance genes. <i>Journal of Hazardous Materials</i> , 2021, 414, 125527.	6.5	40
11	The influence of extracellular polymeric substances on the coagulation process of cyanobacteria. <i>Science of the Total Environment</i> , 2020, 720, 137573.	3.9	30
12	Characterization of microbial communities during start-up of integrated fixed-film activated sludge (IFAS) systems for the treatment of oil sands process-affected water (OSPW). <i>Biochemical Engineering Journal</i> , 2017, 122, 123-132.	1.8	29
13	Performance of flocs and biofilms in integrated fixed-film activated sludge (IFAS) systems for the treatment of oil sands process-affected water (OSPW). <i>Chemical Engineering Journal</i> , 2017, 314, 368-377.	6.6	27
14	A dormant amoeba species can selectively sense and predate on different soil bacteria. <i>Functional Ecology</i> , 2021, 35, 1708-1721.	1.7	18
15	Optimization of moving bed biofilm reactors for oil sands process-affected water treatment: The effect of HRT and ammonia concentrations. <i>Science of the Total Environment</i> , 2017, 598, 690-696.	3.9	16
16	Optimization of ozonation combined with integrated fixed-film activated sludge (IFAS) in the treatment of oil sands process-affected water (OSPW). <i>International Biodeterioration and Biodegradation</i> , 2016, 112, 31-41.	1.9	15
17	Biological Fixed Film. <i>Water Environment Research</i> , 2014, 86, 1070-1100.	1.3	0