

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
times ranked

788
citing authors

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