

Jinkai Xue

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

555
citations

623188

14
h-index

713013

21
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23
all docs

23
docs citations

23
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	What have we known so far about microplastics in drinking water treatment? A timely review. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 58.	3.3	21
2	Spatial analysis of designated outdoor smoking areas: accessibility and land use. <i>Journal of Environmental Planning and Management</i> , 2021, 64, 689-702.	2.4	3
3	A novel conductive composite membrane with polypyrrole (PPy) and stainless-steel mesh: Fabrication, performance, and anti-fouling mechanism. <i>Journal of Membrane Science</i> , 2021, 621, 118937.	4.1	15
4	Effects of -COOH and -NH ₂ on adsorptive polysaccharide fouling under varying pH conditions: Contributing factors and underlying mechanisms. <i>Journal of Membrane Science</i> , 2021, 621, 118933.	4.1	17
5	Removal of polystyrene microplastic spheres by alum-based coagulation-flocculation-sedimentation (CFS) treatment of surface waters. <i>Chemical Engineering Journal</i> , 2021, 422, 130023.	6.6	70
6	Effect of carboxyl and hydroxyl groups on adsorptive polysaccharide fouling: A comparative study based on PVDF and graphene oxide (GO) modified PVDF surfaces. <i>Journal of Membrane Science</i> , 2020, 595, 117514.	4.1	43
7	Analytical methods to analyze pesticides and herbicides. <i>Water Environment Research</i> , 2020, 92, 1770-1785.	1.3	7
8	Physicochemical processes. <i>Water Environment Research</i> , 2020, 92, 1751-1769.	1.3	6
9	Physicochemical processes. <i>Water Environment Research</i> , 2019, 91, 1350-1377.	1.3	13
10	Analytical methods to analyze pesticides and herbicides. <i>Water Environment Research</i> , 2019, 91, 1009-1024.	1.3	22
11	Bioreactors for oil sands process-affected water (OSPW) treatment: A critical review. <i>Science of the Total Environment</i> , 2018, 627, 916-933.	3.9	35
12	The role of ozone pretreatment on optimization of membrane bioreactor for treatment of oil sands process-affected water. <i>Journal of Hazardous Materials</i> , 2018, 347, 470-477.	6.5	22
13	Bacterial Adhesion to Graphene Oxide (GO)-Functionalized Interfaces Is Determined by Hydrophobicity and GO Sheet Spatial Orientation. <i>Environmental Science and Technology Letters</i> , 2018, 5, 14-19.	3.9	30
14	Analytical Methods for Pesticides and Herbicides. <i>Water Environment Research</i> , 2018, 90, 1323-1347.	1.3	6
15	Physicochemical Processes. <i>Water Environment Research</i> , 2018, 90, 1392-1438.	1.3	3
16	Dynamics of naphthenic acids and microbial community structures in a membrane bioreactor treating oil sands process-affected water: impacts of supplemented inorganic nitrogen and hydraulic retention time. <i>RSC Advances</i> , 2017, 7, 17670-17681.	1.7	15
17	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
18	Treatment of oil sands process-affected water using membrane bioreactor coupled with ozonation: A comparative study. <i>Chemical Engineering Journal</i> , 2016, 302, 485-497.	6.6	36

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19	Effects of ozone pretreatment and operating conditions on membrane fouling behaviors of an anoxic-aerobic membrane bioreactor for oil sands process-affected water (OSPW) treatment. <i>Water Research</i> , 2016, 105, 444-455.	5.3	57
20	Treatment of raw and ozonated oil sands process-affected water under decoupled denitrifying anoxic and nitrifying aerobic conditions: a comparative study. <i>Biodegradation</i> , 2016, 27, 247-264.	1.5	19
21	Treatment of oil sands process-affected water (OSPW) using a membrane bioreactor with a submerged flat-sheet ceramic microfiltration membrane. <i>Water Research</i> , 2016, 88, 1-11.	5.3	57
22	Effect of ozone pretreatment on naphthenic acid biodegradation and fouling behavior in a membrane bioreactor receiving oil sands process-affected water. <i>Proceedings of the Water Environment Federation</i> , 2016, 2016, 5953-5963.	0.0	0
23	Biological Fixed Film. <i>Water Environment Research</i> , 2014, 86, 1070-1100.	1.3	0