

Jiahao Liang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

390
citations

933264

10
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochar immobilized petroleum degrading consortium for enhanced granulation and treatment of synthetic oil refinery wastewater. <i>Bioresource Technology Reports</i> , 2022, 17, 100909.	1.5	4
2	String electrospinning based on the standing wave vibration. <i>Journal of Materials Science</i> , 2021, 56, 9518-9531.	1.7	2
3	Effects of anaerobic granular sludge towards the treatment of flowback water in an up-flow anaerobic sludge blanket bioreactor: Comparison between mesophilic and thermophilic conditions. <i>Bioresource Technology</i> , 2021, 326, 124784.	4.8	17
4	An enhanced disintegration using refinery spent caustic for anaerobic digestion of refinery waste activated sludge. <i>Journal of Environmental Management</i> , 2021, 284, 112022.	3.8	4
5	Influences of humic-rich natural materials on efficiencies of UASB reactor: A comparative study. <i>Bioresource Technology</i> , 2021, 341, 125844.	4.8	3
6	Establishing and Optimizing a Bacterial Consortia for Effective Biodegradation of Petroleum Contaminants: Advancing Classical Microbiology via Experimental and Mathematical Approach. <i>Water (Switzerland)</i> , 2021, 13, 3311.	1.2	8
7	Bioreactor performance using biochar and its effect on aerobic granulation. <i>Bioresource Technology</i> , 2020, 300, 122620.	4.8	31
8	Characteristics of bacterial populations in an industrial scale petrochemical wastewater treatment plant: Composition, function and their association with environmental factors. <i>Environmental Research</i> , 2020, 189, 109939.	3.7	32
9	Rapid granulation using calcium sulfate and polymers for refractory wastewater treatment in up-flow anaerobic sludge blanket reactor. <i>Bioresource Technology</i> , 2020, 305, 123084.	4.8	37
10	Aerobic sludge granulation in shale gas flowback water treatment: Assessment of the bacterial community dynamics and modeling of bioreactor performance using artificial neural network. <i>Bioresource Technology</i> , 2020, 313, 123687.	4.8	22
11	Degradation of guar in an up-flow anaerobic sludge blanket reactor: Impacts of salinity on performance robustness, granulation and microbial community. <i>Chemosphere</i> , 2019, 232, 327-336.	4.2	33
12	Hydrolysis and acidification of activated sludge from a petroleum refinery. <i>Petroleum Science</i> , 2019, 16, 428-438.	2.4	20
13	Characterization of aerobic granular sludge used for the treatment of petroleum wastewater. <i>Bioresource Technology</i> , 2019, 271, 353-359.	4.8	93
14	Turf soil enhances treatment efficiency and performance of phenolic wastewater in an up-flow anaerobic sludge blanket reactor. <i>Chemosphere</i> , 2018, 204, 227-234.	4.2	23
15	Numerical simulation of pollutant transport in soils surrounding subway infrastructure. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6859-6869.	2.7	3
16	Treatment of petroleum wastewater using an up-flow anaerobic sludge blanket (UASB) reactor and turf soil as a support material. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 3317-3325.	1.6	8
17	Evaluation of an up-flow anaerobic sludge bed (UASB) reactor containing diatomite and maifanite for the improved treatment of petroleum wastewater. <i>Bioresource Technology</i> , 2017, 243, 620-627.	4.8	50