

Gao Lei

List of Publications by Year in descending order

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papers

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citations

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334
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of microbial spatial distribution and activity in an EGSB reactor under high- and low-loading denitrification desulfurization. <i>Environmental Research</i> , 2021, 195, 110311.	7.5	8
2	Enhanced methane production in an up-flow microbial electrolysis assisted reactors: Hydrodynamics characteristics and electron balance under different spatial distributions of bioelectrodes. <i>Water Research</i> , 2021, 191, 116813.	11.3	15
3	Hydrodynamics of up-flow hybrid anaerobic digestion reactors with built-in bioelectrochemical system. <i>Journal of Hazardous Materials</i> , 2020, 382, 121046.	12.4	14
4	Hydrodynamics Analysis for an Upflow Integrated Anaerobic Digestion Reactor with Microbial Electrolysis under Different Hydraulic Retention Times: Effect of Bioelectrode Spatial Distribution on Functional Communities Involved in Methane Production and Organic Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 190-199.	6.7	14
5	Methane production in a bioelectrochemistry integrated anaerobic reactor with layered nickel foam electrodes. <i>Bioresource Technology</i> , 2020, 313, 123657.	9.6	37
6	Electrodeposited Ni-Co-S nanosheets on nickel foam as bioelectrochemical cathodes for efficient H ₂ evolution. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 6583-6591.	7.1	14
7	Microbial community development on different cathode metals in a bioelectrolysis enhanced methane production system. <i>Journal of Power Sources</i> , 2019, 444, 227306.	7.8	72
8	Energy recovery evaluation in an up flow microbial electrolysis coupled anaerobic digestion (ME-AD) reactor: Role of electrode positions and hydraulic retention times. <i>Applied Energy</i> , 2017, 206, 1214-1224.	10.1	61
9	Computational and experimental analysis of organic degradation positively regulated by bioelectrochemistry in an anaerobic bioreactor system. <i>Water Research</i> , 2017, 125, 170-179.	11.3	64