

Gao Lei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2020136/publications.pdf>

Version: 2024-02-01

9
papers

299
citations

1163117

8
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Methane production in a bioelectrochemistry integrated anaerobic reactor with layered nickel foam electrodes. <i>Bioresource Technology</i> , 2020, 313, 123657.	9.6	37
5	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
6	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
7	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
8	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
9	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