

Jiawei Hu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

452
citations

840776

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h-index

996975

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15
all docs

15
docs citations

15
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of diclofenac on the production of volatile fatty acids from anaerobic fermentation of waste activated sludge. <i>Bioresource Technology</i> , 2018, 254, 7-15.	9.6	80
2	Using a strong chemical oxidant, potassium ferrate (K ₂ FeO ₄), in waste activated sludge treatment: A review. <i>Environmental Research</i> , 2020, 188, 109764.	7.5	71
3	Photosynthetic bacteria-based technology is a potential alternative to meet sustainable wastewater treatment requirement?. <i>Environment International</i> , 2020, 137, 105417.	10.0	62
4	Sulfamethazine (SMZ) affects fermentative short-chain fatty acids production from waste activated sludge. <i>Science of the Total Environment</i> , 2018, 639, 1471-1479.	8.0	51
5	Revealing the mechanisms for potassium ferrate affecting methane production from anaerobic digestion of waste activated sludge. <i>Bioresource Technology</i> , 2020, 317, 124022.	9.6	27
6	Responses of simultaneous anammox and denitrification (SAD) process to nitrogen loading variation: Start-up, performance, sludge morphology and microbial community dynamics. <i>Science of the Total Environment</i> , 2021, 795, 148911.	8.0	27
7	Performance and Mechanism of Potassium Ferrate(VI) Enhancing Dark Fermentative Hydrogen Accumulation from Waste Activated Sludge. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8681-8691.	6.7	25
8	Enhanced methane production from waste activated sludge by potassium ferrate combined with ultrasound pretreatment. <i>Bioresource Technology</i> , 2021, 341, 125841.	9.6	23
9	Freezing pretreatment assists potassium ferrate to promote hydrogen production from anaerobic fermentation of waste activated sludge. <i>Science of the Total Environment</i> , 2021, 781, 146685.	8.0	22
10	Potassium ferrate coupled with freezing method enhances methane production from sludge anaerobic digestion. <i>Bioresource Technology</i> , 2021, 332, 125112.	9.6	17
11	The CO ₂ absorption and desorption analysis of tri-solvent MEA+EA+AMP compared with MEA+BEA+AMP along with coordination effects evaluation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 40686-40700.	16.0	16
12	Sulfidised nanoscale zerovalent iron-modified pitaya peel-derived carbon for enrofloxacin degradation and swine wastewater treatment: Combination of electro-Fenton and bio-electro-Fenton process. <i>Journal of Hazardous Materials</i> , 2022, 434, 128767.	12.4	11
13	Calcium Hypochlorite Promotes Dark Fermentative Hydrogen Production from Waste Activated Sludge. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2509-2521.	6.7	9
14	Enhanced methane yield through sludge two-phase anaerobic digestion process with the addition of calcium hypochlorite. <i>Bioresource Technology</i> , 2022, 347, 126693.	9.6	8
15	Spatial receptive field shift by preceding cross-modal stimulation in the cat superior colliculus. <i>Journal of Physiology</i> , 2018, 596, 5033-5050.	2.9	3