

Jiawei Hu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

452
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

346
citing authors

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