

Haixiao Guo

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

339
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Unveiling the mechanisms of how vivianite affects anaerobic digestion of waste activated sludge. <i>Bioresource Technology</i> , 2022, 343, 126045.	9.6	38
2	Enhancing Methane Production from Anaerobic Digestion of Waste Activated Sludge through a Novel Sodium Percarbonate (SPC) Pretreatment: Reaction Kinetics and Mechanisms. <i>ACS ES&T Engineering</i> , 2022, 2, 1326-1340.	7.6	35
3	Performance and mechanism of sodium percarbonate (SPC) enhancing short-chain fatty acids production from anaerobic waste activated sludge fermentation. <i>Journal of Environmental Management</i> , 2022, 313, 115025.	7.8	37
4	Insights into Fe(II)-sulfite-based pretreatment strategy for enhancing short-chain fatty acids (SCFAs) production from waste activated sludge: Performance and mechanism. <i>Bioresource Technology</i> , 2022, 353, 127143.	9.6	42
5	Improved methane production from the two-phase anaerobic digestion and dewaterability of anaerobically digested sludge by β -cyclodextrin pretreatment. <i>Journal of Cleaner Production</i> , 2022, 363, 132484.	9.3	16
6	Potassium permanganate pretreatment effectively improves methane production from anaerobic digestion of waste activated sludge: Reaction kinetics and mechanisms. <i>Science of the Total Environment</i> , 2022, 847, 157402.	8.0	17
7	Insight into the enhancing short-chain fatty acids (SCFAs) production from waste activated sludge via polyoxometalates pretreatment: Mechanisms and implications. <i>Science of the Total Environment</i> , 2021, 800, 149392.	8.0	33
8	Unveiling the mechanisms of a novel polyoxometalates (POMs)-based pretreatment technology for enhancing methane production from waste activated sludge. <i>Bioresource Technology</i> , 2021, 342, 125934.	9.6	20
9	Effect and ameliorative mechanisms of polyoxometalates on the denitrification under sulfonamide antibiotics stress. <i>Bioresource Technology</i> , 2020, 305, 123073.	9.6	58
10	Enhanced denitrification performance and biocatalysis mechanisms of polyoxometalates as environmentally-friendly inorganic redox mediators. <i>Bioresource Technology</i> , 2019, 291, 121816.	9.6	43