

Yupeng Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exogenous N-hexanoyl-L-homoserine lactone assists in upflow anaerobic sludge blanket recovery from acetate accumulation via aceticlastic methanogens enrichment. <i>Bioresource Technology</i> , 2022, 346, 126600.	9.6	8
2	Resilience of methane cycle and microbial functional genes to drought and flood in an alkaline wetland: A metagenomic analysis. <i>Chemosphere</i> , 2021, 265, 129034.	8.2	11
3	Long-term harvesting of reeds affects greenhouse gas emissions and microbial functional genes in alkaline wetlands. <i>Water Research</i> , 2019, 164, 114936.	11.3	30
4	Regulation of endogenous acyl homoserine lactones by microbial density to enhance syntrophism of acetogens and methanogens in anaerobic digestion. <i>Chemical Engineering Journal</i> , 2019, 378, 122233.	12.7	26
5	Specific quorum sensing molecules of ammonia oxidizers and their role during ammonium metabolism in Zhalong wetland, China. <i>Science of the Total Environment</i> , 2019, 666, 1106-1113.	8.0	25
6	Specific quorum sensing signal molecules inducing the social behaviors of microbial populations in anaerobic digestion. <i>Bioresource Technology</i> , 2019, 273, 185-195.	9.6	50
7	Mediative mechanism of bicarbonate on anaerobic propionate degradation revealed by microbial community and thermodynamics. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12434-12443.	5.3	14
8	Reduction of Gibbs free energy and enhancement of Methanosaeta by bicarbonate to promote anaerobic syntrophic butyrate oxidation. <i>Bioresource Technology</i> , 2018, 267, 209-217.	9.6	33
9	Functional bacterial and archaeal diversity revealed by 16S rRNA gene pyrosequencing during potato starch processing wastewater treatment in an UASB. <i>Bioresource Technology</i> , 2017, 235, 348-357.	9.6	61