

Ya-Nan Bai

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

462
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Humic substances as electron acceptors for anaerobic oxidation of methane driven by ANME-2d. <i>Water Research</i> , 2019, 164, 114935.	11.3	95
2	Hollow fiber membrane bioreactor affects microbial community and morphology of the DAMO and Anammox co-culture system. <i>Bioresource Technology</i> , 2017, 232, 247-253.	9.6	48
3	Investigation of Cr(VI) reduction potential and mechanism by <i>Caldicellulosiruptor saccharolyticus</i> under glucose fermentation condition. <i>Journal of Hazardous Materials</i> , 2018, 344, 585-592.	12.4	46
4	High-rate anaerobic decolorization of methyl orange from synthetic azo dye wastewater in a methane-based hollow fiber membrane bioreactor. <i>Journal of Hazardous Materials</i> , 2020, 388, 121753.	12.4	44
5	Tracking the activity of the Anammox-DAMO process using excitation-emission matrix (EEM) fluorescence spectroscopy. <i>Water Research</i> , 2017, 122, 624-632.	11.3	38
6	Chromium isotope fractionation during Cr(VI) reduction in a methane-based hollow-fiber membrane biofilm reactor. <i>Water Research</i> , 2018, 130, 263-270.	11.3	38
7	Degradation of organic pollutants by anaerobic methane-oxidizing microorganisms using methyl orange as example. <i>Journal of Hazardous Materials</i> , 2019, 364, 264-271.	12.4	32
8	The content of trace element iron is a key factor for competition between anaerobic ammonium oxidation and methane-dependent denitrification processes. <i>Chemosphere</i> , 2018, 198, 370-376.	8.2	30
9	Mass transfer affects reactor performance, microbial morphology, and community succession in the methane-dependent denitrification and anaerobic ammonium oxidation co-culture. <i>Science of the Total Environment</i> , 2019, 651, 291-297.	8.0	27
10	Comprehensive investigation of the relationship between organic content and waste activated sludge dewaterability. <i>Journal of Hazardous Materials</i> , 2020, 394, 122547.	12.4	24
11	Microbial selenite reduction coupled to anaerobic oxidation of methane. <i>Science of the Total Environment</i> , 2019, 669, 168-174.	8.0	22
12	Response of nitrite-dependent anaerobic methanotrophs to elevated atmospheric CO ₂ concentration in paddy fields. <i>Science of the Total Environment</i> , 2021, 801, 149785.	8.0	10
13	Acetate and electricity generation from methane in conductive fiber membrane- microbial fuel cells. <i>Science of the Total Environment</i> , 2022, 804, 150147.	8.0	8