

Jiqiang Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8973908/publications.pdf>

Version: 2024-02-01

16
papers

454
citations

933264

10
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Elemental sulfur recovery of biological sulfide removal process from wastewater: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 2079-2099.	6.6	57
2	Performance of autotrophic nitrogen removal in the granular sludge bed reactor. <i>Bioresource Technology</i> , 2012, 123, 78-85.	4.8	55
3	Kinetics of substrate degradation and electricity generation in anodic denitrification microbial fuel cell (AD-MFC). <i>Bioresource Technology</i> , 2013, 149, 44-50.	4.8	55
4	Effect of particle size on the performance of autotrophic nitrogen removal in the granular sludge bed reactor and microbiological mechanisms. <i>Bioresource Technology</i> , 2014, 157, 240-246.	4.8	47
5	Physical characteristics and formation mechanism of denitrifying granular sludge in high-load reactor. <i>Bioresource Technology</i> , 2013, 142, 683-687.	4.8	46
6	Nitrate-dependent anaerobic ferrous oxidation (NAFO) by denitrifying bacteria: A perspective autotrophic nitrogen pollution control technology. <i>Chemosphere</i> , 2014, 117, 604-609.	4.2	38
7	Simultaneous anaerobic sulfide and nitrate removal coupled with electricity generation in Microbial Fuel Cell. <i>Bioresource Technology</i> , 2013, 129, 224-228.	4.8	37
8	Substrates and pathway of electricity generation in a nitrification-based microbial fuel cell. <i>Bioresource Technology</i> , 2014, 161, 208-214.	4.8	32
9	Influence and mechanism of dissolved oxygen on the performance of Ammonia-Oxidation Microbial Fuel Cell. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 10607-10615.	3.8	26
10	Floatation of granular sludge and its mechanism: A key approach for high-rate denitrifying reactor. <i>Bioresource Technology</i> , 2014, 152, 414-419.	4.8	26
11	Performance stability of a lab-scale internal-loop airlift bio-particle reactor under substrate concentration shocks for simultaneous partial nitrification and anaerobic ammonia oxidation. <i>Separation and Purification Technology</i> , 2015, 141, 322-330.	3.9	9
12	The effect of substrate concentration fluctuation on the performance of high-rate denitrifying reactor. <i>Bioresource Technology</i> , 2014, 167, 53-60.	4.8	8
13	The effect and biological mechanism of granular sludge size on performance of autotrophic nitrogen removal system. <i>Biodegradation</i> , 2018, 29, 339-347.	1.5	6
14	Oxygen Transfer Characteristics in a Pilot-Scale Airlift Internal-Loop Bioreactor for Simultaneous Partial Nitrification and Anaerobic Ammonia Oxidation. <i>Environmental Engineering Science</i> , 2014, 31, 453-460.	0.8	5
15	Insights into microbial community in microbial fuel cells simultaneously treating sulfide and nitrate under external resistance. <i>Biodegradation</i> , 2021, 32, 73-85.	1.5	4
16	Evaluation of hydraulic characteristics of a pilot-scale air-lift internal-loop bioreactor. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 332-339.	0.9	2