

Shuai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

306
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance and enhancement mechanism of redox mediator for nitrate removal in immobilized bioreactor with preponderant microbes. <i>Water Research</i> , 2022, 209, 117899.	11.3	64
2	Layered double hydroxide modified biochar combined with sodium alginate: A powerful biomaterial for enhancing bioreactor performance to remove nitrate. <i>Bioresource Technology</i> , 2021, 323, 124630.	9.6	45
3	Denitrification strategies of strain YSF15 in response to carbon scarcity: Based on organic nitrogen, soluble microbial products and extracellular polymeric substances. <i>Bioresource Technology</i> , 2020, 314, 123733.	9.6	41
4	Enhanced denitrification performance of strain YSF15 by different molecular weight of humic acid: Mechanism based on the biological products and activity. <i>Bioresource Technology</i> , 2021, 325, 124709.	9.6	36
5	Fungal pellets immobilized bacterial bioreactor for efficient nitrate removal at low C/N wastewater. <i>Bioresource Technology</i> , 2021, 332, 125113.	9.6	27
6	Self-immobilized biochar fungal pellet combined with bacterial strain H29 enhanced the removal performance of cadmium and nitrate. <i>Bioresource Technology</i> , 2021, 341, 125803.	9.6	22
7	Lower C/N ratio induces prior utilization of soluble microbial products with more dramatic variability and higher biodegradability in denitrification by strain YSF15. <i>Bioresource Technology</i> , 2021, 335, 125281.	9.6	16
8	Denitrifying bacteria immobilized magnetic mycelium pellets bioreactor: A new technology for efficient removal of nitrate at a low carbon-to-nitrogen ratio. <i>Bioresource Technology</i> , 2022, 347, 126369.	9.6	16
9	The performance and mechanism of simultaneous removal of calcium and heavy metals by <i>Ochrobactrum</i> sp. GMC12 with the chia seed (<i>Salvia hispanica</i>) gum as a synergist. <i>Chemosphere</i> , 2022, 297, 134061.	8.2	12
10	Biochar fungal pellet based biological immobilization reactor efficiently removed nitrate and cadmium. <i>Chemosphere</i> , 2022, 296, 134011.	8.2	11
11	Fungal-sponge composite carriers coupled with denitrification and biomineralization bacteria to remove nitrate, calcium, and cadmium in a bioreactor. <i>Bioresource Technology</i> , 2022, 355, 127259.	9.6	11
12	Application of biogenic iron precipitation by strain H117 for tetracycline removal: mechanism of adsorption and activation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4815-4826.	5.3	4
13	Optimization of Nitrate and Manganese Removal by Bacterium <i>Pseudomonas</i> sp. H117 in Mixotrophic Condition. <i>Geomicrobiology Journal</i> , 2019, 36, 624-629.	2.0	1