

Zhou Shilei

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

357
citations

840776

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all docs

15
docs citations

15
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial aerobic denitrification dominates nitrogen losses from reservoir ecosystem in the spring of Zhoucun reservoir. <i>Science of the Total Environment</i> , 2019, 651, 998-1010.	8.0	86
2	Nitrogen removal characteristics of enhanced in situ indigenous aerobic denitrification bacteria for micro-polluted reservoir source water. <i>Bioresource Technology</i> , 2016, 201, 195-207.	9.6	42
3	Nitrogen removal characteristics of indigenous aerobic denitrifiers and changes in the microbial community of a reservoir enclosure system via in situ oxygen enhancement using water lifting and aeration technology. <i>Bioresource Technology</i> , 2016, 214, 63-73.	9.6	36
4	Pollutant removal performance and microbial enhancement mechanism by water-lifting and aeration technology in a drinking water reservoir ecosystem. <i>Science of the Total Environment</i> , 2020, 709, 135848.	8.0	34
5	Illumina MiSeq sequencing reveals the community composition of NirS-Type and NirK-Type denitrifiers in Zhoucun reservoir – a large shallow eutrophic reservoir in northern China. <i>RSC Advances</i> , 2016, 6, 91517-91528.	3.6	33
6	Reservoir water stratification and mixing affects microbial community structure and functional community composition in a stratified drinking reservoir. <i>Journal of Environmental Management</i> , 2020, 267, 110456.	7.8	29
7	Sediment pollution characteristics and in situ control in a deep drinking water reservoir. <i>Journal of Environmental Sciences</i> , 2017, 52, 223-231.	6.1	16
8	Characteristics and Driving Factors of the Aerobic Denitrifying Microbial Community in Baiyangdian Lake, Xiong'an New Area. <i>Microorganisms</i> , 2020, 8, 714.	3.6	15
9	Seasonal variation of potential denitrification rate and enhanced denitrification performance via water-lifting aeration technology in a stratified reservoir – A case study of Zhoucun reservoir. <i>Chemosphere</i> , 2018, 211, 1123-1136.	8.2	14
10	Linking Shifts in Bacterial Community Composition and Function with Changes in the Dissolved Organic Matter Pool in Ice-Covered Baiyangdian Lake, Northern China. <i>Microorganisms</i> , 2020, 8, 883.	3.6	13
11	Field Research on Mixing Aeration in a Drinking Water Reservoir: Performance and Microbial Community Structure. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4221.	2.6	12
12	In Situ Water Quality Improvement Mechanism (Nitrogen Removal) by Water-Lifting Aerators in a Drinking Water Reservoir. <i>Water (Switzerland)</i> , 2018, 10, 1051.	2.7	9
13	Abnormal increase of Mn and TP concentrations in a temperate reservoir during fall overturn due to drought-induced drawdown. <i>Science of the Total Environment</i> , 2017, 575, 996-1004.	8.0	7
14	Water Quality Responses during the Continuous Mixing Process and Informed Management of a Stratified Drinking Water Reservoir. <i>Sustainability</i> , 2019, 11, 7106.	3.2	7
15	Effectively compound the heterojunction formed by flower-like Bi ₂ S ₃ and g-C ₃ N ₄ to enhance photocatalytic activity. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61148-61160.	5.3	4