Zhiqiang Zuo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/520054/publications.pdf

Version: 2024-02-01

12	555	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	520
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous control of sulfide and methane in sewers achieved by a physical approach targeting dominant active zone in sediments. Water Research, 2022, 211, 118010.	11.3	19
2	Recovery of ammonium nitrate solution from urine wastewater via novel free nitrous acid (FNA)-mediated two-stage processes. Chemical Engineering Journal, 2022, 440, 135826.	12.7	8
3	Study of free nitrous acid (FNA)-based elimination of sulfamethoxazole: Kinetics, transformation pathways, and toxicity assessment. Water Research, 2021, 189, 116629.	11.3	20
4	Rapid dynamic quantification of sulfide generation flux in spatially heterogeneous sediments of gravity sewers. Water Research, 2021, 203, 117494.	11.3	14
5	In Situ Exploration of the Sulfidogenic Process at the Water-Sediment Interface in Sewers: Mechanism and Implications. ACS ES&T Engineering, 2021, 1, 415-423.	7.6	15
6	Control sulfide and methane production in sewers based on free ammonia inactivation. Environment International, 2020, 143, 105928.	10.0	33
7	Free nitrous acid-based suppression of sulfide production in sewer sediments: In-situ effect mechanism. Science of the Total Environment, 2020, 715, 136871.	8.0	17
8	Short-chain fatty acid (SCFA) production maximization by modeling thermophilic sludge fermentation. Environmental Science: Water Research and Technology, 2019, 5, 11-18.	2.4	8
9	Hydrogen sulfide generation and emission in urban sanitary sewer in China: what factor plays the critical role?. Environmental Science: Water Research and Technology, 2019, 5, 839-848.	2.4	32
10	Microplastics in a municipal wastewater treatment plant: Fate, dynamic distribution, removal efficiencies, and control strategies. Journal of Cleaner Production, 2019, 225, 579-586.	9.3	322
11	Predictions of the Influent and Operational Conditions for Partial Nitritation with a Model Incorporating pH Dynamics. Environmental Science & Technology, 2018, 52, 6457-6465.	10.0	34
12	Nitrite production from urine for sulfide control in sewers. Water Research, 2017, 122, 447-454.	11.3	33