

Zhiqiang Zuo

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

555
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

520
citing authors

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