

Shiyang Zhang

List of Publications by Year in descending order

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papers

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349
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-N-C@SiO ₂ core@shell architectures enhanced stability to activate peroxymonosulfate (PMS) for efficient sulfamethoxazole degradation. Separation and Purification Technology, 2022, 280, 119783.	7.9	28
2	Microbial explanation to performance stratification along up-flow solid-phase denitrification column packed with polycaprolactone. Bioresource Technology, 2022, 343, 126066.	9.6	12
3	Improvement of degradation of Orange G in aqueous solution by Fe ²⁺ added in dielectric barrier discharge plasma system. Journal of Water Process Engineering, 2022, 47, 102707.	5.6	6
4	The enzymes-based intermediary model explains the influence mechanism of different aeration strategies on nitrogen removal in a sequencing batch biofilm reactor treating simulated aquaculture wastewater. Journal of Cleaner Production, 2022, 356, 131835.	9.3	9
5	The intrinsic relevance of nitrogen removal pathway to varying nitrate loading rate in a polycaprolactone-supported denitrification system. Biodegradation, 2022, 33, 317-331.	3.0	2
6	Nitrate Removal from Groundwater by Heterotrophic and Electro-Autotrophic Denitrification. Water (Switzerland), 2022, 14, 1759.	2.7	5
7	Effect of filling ratio and backwash on performance of a continuous-flow SPD reactor packed with PCL as carbon source. Water Environment Research, 2021, 93, 1381-1390.	2.7	5
8	Effects of Different Shunt Rate on the Purification of Hybrid Constructed Wetland. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	1
9	Removal of N,N-dimethylformamide by dielectric barrier discharge plasma combine with manganese activated carbon. Environmental Science and Pollution Research, 2021, 28, 41698-41711.	5.3	3
10	Temperature-induced difference in microbial characterizations accounts for the fluctuation of sequencing batch biofilm reactor performance. Biodegradation, 2021, 32, 595-610.	3.0	4
11	Metagenomic insights into the explanation of biofilter performance distinction induced by dissolved oxygen increment. Chemical Engineering Research and Design, 2021, 153, 329-338.	5.6	8
12	Influence mechanism of filling ratio on solid-phase denitrification with polycaprolactone as biofilm carrier. Bioresource Technology, 2021, 337, 125401.	9.6	25
13	Evaluation of functional microbes in explaining biofilter performance during start-up ¹ . Journal of Cleaner Production, 2020, 277, 123503.	9.3	3
14	Metagenomic insights into microbial characterizations in explaining the distinction of biofilter performance during start-up. Biodegradation, 2020, 31, 183-199.	3.0	0
15	Effects of deoxygenation pretreatment and dissolved oxygen adjustment on performance of double-layer-packed sequencing biofilm batch reactor treating secondary effluent under low temperature. Journal of Cleaner Production, 2020, 258, 120650.	9.3	13
16	Impact of different running conditions on performance of biofilters treating secondary effluent during start-up. Bioresource Technology, 2019, 281, 168-178.	9.6	15
17	Nitrogen removal by modified zeolites coated with Zn-layered double hydroxides (Zn-LDHs) prepared at different molar ratios. Journal of the Taiwan Institute of Chemical Engineers, 2018, 87, 73-82.	5.3	22
18	Homogenous stands of a wetland grass living in heavy metal polluted wetlands harbor diverse consortia of arbuscular mycorrhizal fungi. Chemosphere, 2017, 181, 699-709.	8.2	35

#	ARTICLE	IF	CITATIONS
19	Comparative evaluation of influencing factors on aquaculture wastewater treatment by various constructed wetlands. <i>Ecological Engineering</i> , 2016, 93, 221-225.	3.6	17
20	Response and environmental assessment of two Chinese conventional carps to water quality regulation in recirculating aquaculture. <i>Aquacultural Engineering</i> , 2016, 74, 180-185.	3.1	3
21	Multiple linear modeling of outflow nitrogen dynamics in vertical-flow constructed wetlands under two different operating states. <i>Ecological Engineering</i> , 2015, 81, 53-61.	3.6	9
22	An integrated recirculating aquaculture system (RAS) for land-based fish farming: The effects on water quality and fish production. <i>Aquacultural Engineering</i> , 2011, 45, 93-102.	3.1	98
23	Effects of sediment dredging on water quality and zooplankton community structure in a shallow of eutrophic lake. <i>Journal of Environmental Sciences</i> , 2010, 22, 218-224.	6.1	73
24	Response of simultaneous nitrification-denitrification to DO increments in continuously aerated biofilm reactors for aquaculture wastewater treatment. <i>Water Practice and Technology</i> , 0, , .	2.0	2