Zhenguo Chen

List of Publications by Year
in descending order

19	479	759233 12	794594 19
papers	citations	h-index	g-index

19	19	19	373
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Converting wastes to resource: Utilization of dewatered municipal sludge for calcium-based biochar adsorbent preparation and land application as a fertilizer. Chemosphere, 2022, 298, 134302.	8.2	10
2	Effect of hydraulic retention time on effluent pH in anammox bioreactors: Characteristics of effluent pH and pH as an indicator of reactor performance. Journal of Environmental Management, 2021, 280, 111716.	7.8	16
3	Comparison of complete nitritationâ€“denitrification and partial nitritationâ€“anammox for iron oxide wastewater treatment. Journal of Cleaner Production, 2021, 294, 126281.	9.3	9
4	The benefits of autotrophic nitrogen removal from high concentration of urea wastewater through a process of urea hydrolysis and partial nitritation in sequencing batch reactor. Journal of Environmental Management, 2021, 292, 112762.	7.8	12
5	Advanced treatment of phosphorus-containing tail water by Feâ€“Mgâ€“Zr layered double hydroxide beads: Performance and mechanism. Journal of Environmental Management, 2021, 296, 113203.	7.8	30
6	Nitrite accumulation stability evaluation for low-strength ammonium wastewater by adsorption and biological desorption of zeolite under different operational temperature. Science of the Total Environment, 2020, 704, 135260.	8.0	28
7	Nitrogen Removal for Liquid-Ammonia Mercerization Wastewater via Partial Nitritation/Anammox Based on Zeolite Sequencing Batch Reactor. Water (Switzerland), 2020, 12, 2234.	2.7	5
8	Performance and mechanism of urea hydrolysis in partial nitritation system based on SBR. Chemosphere, 2020, 258, 127228.	8.2	14
9	Biological nitrogen removal via combined processes of denitrification, highly efficient partial nitritation and Anammox from mature landfill leachate. Environmental Science and Pollution Research, 2020, 27, 29408-29421.	5.3	18
10	Effect of alkalinity on bio-zeolite regeneration in treating cold low-strength ammonium wastewater via adsorption and enhanced regeneration. Environmental Science and Pollution Research, 2019, 26, 28040-28051.	5.3	12
11	Pilot study of nitrogen removal from landfill leachate by stable nitritation-denitrification based on zeolite biological aerated filter. Waste Management, 2019, 100, 161-170.	7.4	22
12	Application of a synthetic zeolite as a storage medium in SBRs to achieve the stable partial nitrification of ammonium. Environmental Science: Water Research and Technology, 2019, 5, 287-295.	2.4	2
13	Nitrogen removal from iron oxide red wastewater via partial nitritation-Anammox based on two-stage zeolite biological aerated filter. Bioresource Technology, 2019, 279, 17-24.	9.6	25
14	Salt inhibition on partial nitritation performance of ammonium-rich saline wastewater in the zeolite biological aerated filter. Bioresource Technology, 2019, 280, 287-294.	9.6	28
15	Response of nitritation performance and microbial community structure in sequencing biofilm batch reactors filled with different zeolite and alkalinity ratio. Bioresource Technology, 2019, 273, 487-495.	9.6	31
16	Rapid start-up and performance of denitrifying granular sludge in an upflow sludge blanket (USB) reactor treating high concentration nitrite wastewater. Biodegradation, 2018, 29, 543-555.	3.0	6
17	Nitrogen removal via nitritation pathway for low-strength ammonium wastewater by adsorption, biological desorption and denitrification. Bioresource Technology, 2018, 267, 541-549.	9.6	46
18	Partial nitrification performance and mechanism of zeolite biological aerated filter for ammonium wastewater treatment. Bioresource Technology, 2017, 241, 473-481.	9.6	80

#	Article	IF	Citations
19	Partial nitrification and denitrification of mature landfill leachate using a pilot-scale continuous activated sludge process at low dissolved oxygen. Bioresource Technology, 2016, 218, 580-588.	9.6	85