

Zhong Wang

List of Publications by Year in descending order

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16
papers

1,003
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of EPS compositions and microbial community in an Anammox SBBR system treating landfill leachate. <i>Bioresource Technology</i> , 2018, 249, 108-116.	9.6	176
2	A novel simultaneous partial nitrification Anammox and denitrification (SNAD) with intermittent aeration for cost-effective nitrogen removal from mature landfill leachate. <i>Chemical Engineering Journal</i> , 2017, 313, 619-628.	12.7	159
3	Effect of carbon source type on intracellular stored polymers during endogenous denitrification (ED) treating landfill leachate. <i>Water Research</i> , 2016, 100, 405-412.	11.3	129
4	Continuous-flow combined process of nitritation and ANAMMOX for treatment of landfill leachate. <i>Bioresource Technology</i> , 2016, 214, 514-519.	9.6	83
5	Efficient step-feed partial nitrification, simultaneous Anammox and denitrification (SPNAD) equipped with real-time control parameters treating raw mature landfill leachate. <i>Journal of Hazardous Materials</i> , 2019, 364, 163-172.	12.4	80
6	Advanced nitrogen removal from mature landfill leachate via partial nitrification-Anammox biofilm reactor (PNABR) driven by high dissolved oxygen (DO): Protection mechanism of aerobic biofilm. <i>Bioresource Technology</i> , 2020, 306, 123119.	9.6	61
7	High-efficient nitrogen removal from mature landfill leachate and waste activated sludge (WAS) reduction via partial nitrification and integrated fermentation-denitrification process (PNIFD). <i>Water Research</i> , 2019, 160, 394-404.	11.3	59
8	Simultaneous Ammonium oxidation denitrifying (SAD) in an innovative three-stage process for energy-efficient mature landfill leachate treatment with external sludge reduction. <i>Water Research</i> , 2020, 169, 115156.	11.3	54
9	Enrichment and retention of key functional bacteria of partial denitrification-Anammox (PD/A) process via cell immobilization: A novel strategy for fast PD/A application. <i>Bioresource Technology</i> , 2021, 326, 124744.	9.6	33
10	New insights into co-treatment of mature landfill leachate with municipal sewage via integrated partial nitrification, Anammox and denitrification. <i>Journal of Hazardous Materials</i> , 2021, 415, 125506.	12.4	33
11	Efficient and advanced nitrogen removal from mature landfill leachate via combining nitritation and denitrification with Anammox in a single sequencing batch biofilm reactor. <i>Bioresource Technology</i> , 2021, 333, 125138.	9.6	33
12	Culturing sludge fermentation liquid-driven partial denitrification in two-stage Anammox process to realize advanced nitrogen removal from mature landfill leachate. <i>Journal of Hazardous Materials</i> , 2021, 415, 125568.	12.4	30
13	An Innovative Process for Mature Landfill Leachate and Waste Activated Sludge Simultaneous Treatment Based on Partial Nitrification, In Situ Fermentation, and Anammox (PNFA). <i>Environmental Science & Technology</i> , 2022, 56, 1310-1320.	10.0	24
14	Novel insights into integrated fermentation and nitrogen removal by free nitrous acid (FNA) serving as treatment method. <i>Journal of Hazardous Materials</i> , 2020, 381, 120835.	12.4	19
15	Achieving synergetic treatment of sludge supernatant, waste activated sludge and secondary effluent for wastewater treatment plants (WWTPs) sustainable development. <i>Bioresource Technology</i> , 2021, 337, 125416.	9.6	17
16	Novel insights into overcoming nitrite oxidation bacteria acclimatization problem in treatment of high-ammonia wastewater through partial nitrification. <i>Bioresource Technology</i> , 2021, 336, 125254.	9.6	12