

Mingu Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11342188/publications.pdf>

Version: 2024-02-01

19
papers

261
citations

1040056

9
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial nitrification-reactor configurations, and operational conditions: Performance analysis. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103984.	6.7	57
2	Simultaneous partial nitrification and denitrifying phosphorus removal (PNDPR) in a sequencing batch reactor process operated at low DO and high SRT for carbon and energy reduction. <i>Chemical Engineering Journal</i> , 2021, 425, 131881.	12.7	28
3	Microbial communities in co-digestion of food wastes and wastewater biosolids. <i>Bioresource Technology</i> , 2019, 289, 121580.	9.6	27
4	Comparative studies on membrane fouling between two membrane-based biological nutrient removal systems. <i>Journal of Membrane Science</i> , 2009, 331, 91-99.	8.2	24
5	Enhanced biological phosphorus removal using thermal alkaline hydrolyzed municipal wastewater biosolids. <i>Journal of Environmental Sciences</i> , 2019, 86, 164-174.	6.1	21
6	A model for determination of operational conditions for successful shortcut nitrification. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3539-3549.	5.3	18
7	Operational conditions for successful partial nitrification in a sequencing batch reactor (SBR) based on process kinetics. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 694-704.	2.2	16
8	Effective partial nitrification of ammonia in a fluidized bed bioreactor. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 94-101.	2.2	12
9	Performance and Kinetics of Nitrification of Low Ammonia Wastewater at Low Temperature. <i>Water Environment Research</i> , 2018, 90, 498-509.	2.7	11
10	Acute and chronic toxicity of nickel to nitrifiers at different temperatures. <i>Journal of Environmental Sciences</i> , 2019, 82, 169-178.	6.1	8
11	The beneficial role of intermediate clarification in a novel MBR based process for biological nitrogen and phosphorus removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 637-642.	3.2	6
12	Comparative Performance of A ² /O and a Novel Membrane-Bioreactor-Based Process for Biological Nitrogen and Phosphorus Removal. <i>Water Environment Research</i> , 2010, 82, 69-76.	2.7	6
13	Membrane fouling propensity of denitrifying organisms. <i>Journal of Membrane Science</i> , 2010, 348, 197-203.	8.2	6
14	Phosphorus fractionation in membrane-assisted biological nutrient removal processes. <i>Chemosphere</i> , 2009, 76, 1283-1287.	8.2	5
15	Effect of COD/N ratio on denitrification from nitrite. <i>Water Environment Research</i> , 2019, 91, 119-131.	2.7	5
16	Effect of Membranes on Refractory Dissolved Organic Nitrogen. <i>Water Environment Research</i> , 2010, 82, 281-288.	2.7	4
17	Kinetics of aerobic cellulose degradation in raw municipal wastewater. <i>Science of the Total Environment</i> , 2022, 802, 149852.	8.0	4
18	Effects of trace elements on digester performance and microbial community response in anaerobic digestion systems. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 4157-4172.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Nitrite denitrification using biomass acclimatized with methanol as complementary carbon source: long-term performance and kinetics study. Environmental Science: Water Research and Technology, 2021, 7, 93-106.	2.4	1