

CITATION REPORT

List of articles citing

Genome-centric metagenomics resolves microbial diversity and prevalent truncated denitrification pathways in a denitrifying PAO-enriched bioprocess

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#	Paper	IF	Citations
60	Characteristic and correlation analysis of influent and energy consumption of wastewater treatment plants in Taihu Basin. <i>Frontiers of Environmental Science and Engineering</i> , 2019 , 13, 1	5.8	12
59	Profiling population-level diversity and dynamics of <i>Accumulibacter</i> via high throughput sequencing of ppk1. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 9711-9722	5.7	7
58	Review in recent researches and applications of technology of environmental microbiology metagenomics in water treatment engineering. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 344, 012169	0.3	1
57	Impact of solid residence time (SRT) on functionally relevant microbial populations and performance in full-scale enhanced biological phosphorus removal (EBPR) systems. <i>Water Environment Research</i> , 2020 , 92, 389-402	2.8	15
56	Nutrient and pesticide remediation using a two-stage bioreactor-adsorptive system under two hydraulic retention times. <i>Water Research</i> , 2020 , 170, 115311	12.5	7
55	A novel metabolic-ASM model for full-scale biological nutrient removal systems. <i>Water Research</i> , 2020 , 171, 115373	12.5	11
54	Recent advances in partial denitrification in biological nitrogen removal: From enrichment to application. <i>Bioresource Technology</i> , 2020 , 298, 122444	11	47
53	Microbial community at transcription level in the synergy of GAOs and <i>Candidatus Accumulibacter</i> for saving carbon source in wastewater treatment. <i>Bioresource Technology</i> , 2020 , 297, 122454	11	5
52	N ₂ O production using native nos-deficient denitrifying bacterial strains screened by a genome mining approach. <i>Bioresource Technology Reports</i> , 2020 , 11, 100529	4.1	1
51	Pushing the limits of solids retention time for enhanced biological phosphorus removal: process characteristics and <i>Accumulibacter</i> population structure. <i>Water Science and Technology</i> , 2020 , 82, 1614-1627	2.2	1
50	Distinct Expression of the Two NO-Forming Nitrite Reductases in <i>Thermus antranikianii</i> DSM 12462 Improved Environmental Adaptability. <i>Microbial Ecology</i> , 2020 , 80, 614-626	4.4	1
49	Application of acidic conditions and inert-gas sparging to achieve high-efficiency nitrous oxide recovery during nitrite denitrification. <i>Water Research</i> , 2020 , 182, 116001	12.5	9
48	Transcriptional responses of <i>Candidatus Accumulibacter</i> clades to environmental dynamics in enhanced biological phosphorus removal. <i>Bioresource Technology</i> , 2020 , 306, 123108	11	5
47	Differential kinetics of nitrogen oxides reduction leads to elevated nitrous oxide production by a nitrite fed granular denitrifying EBPR bioreactor. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 1028-1043	4.2	3
46	Multi-interface Mn ₃ O ₄ @ZnO/TiO ₂ with controllable charge transfer routes for highly selective denitrification under ultrasonic-assisted visible light photocatalysis. <i>Chemical Engineering Journal</i> , 2020 , 394, 124997	14.7	17
45	Recovery of Nitrous Oxide from Wastewater Treatment: Current Status and Perspectives. <i>ACS ES&T Water</i> , 2021 , 1, 240-250		4
44	Combined Enhanced Biological Phosphorus Removal (EBPR) and Nitrite Accumulation for Treating High-strength Wastewater.		0

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42	Recent advances in understanding the ecophysiology of enhanced biological phosphorus removal. <i>Current Opinion in Biotechnology</i> , 2021 , 67, 166-174	11.4	17
41	Connecting structure to function with the recovery of over 1000 high-quality metagenome-assembled genomes from activated sludge using long-read sequencing. <i>Nature Communications</i> , 2021 , 12, 2009	17.4	44
40	Heterotrophic aerobic denitrification by novel bacterium <i>Georgenia daeguensis</i> ARB2 for treatment of nitrate contaminated waters. <i>International Journal of Environmental Science and Technology</i> , 1	3.3	1
39	Biological Soil Crust Bacterial Communities Vary Along Climatic and Shrub Cover Gradients Within a Sagebrush Steppe Ecosystem. <i>Frontiers in Microbiology</i> , 2021 , 12, 569791	5.7	4
38	Integrated omics analyses reveal differential gene expression and potential for cooperation between denitrifying polyphosphate and glycogen accumulating organisms. <i>Environmental Microbiology</i> , 2021 , 23, 3274-3293	5.2	5
37	Accumulibacter diversity at the sub-clade level impacts enhanced biological phosphorus removal performance. <i>Water Research</i> , 2021 , 199, 117210	12.5	5
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28	Integrated Omics Analyses Reveal Differential Gene Expression and Potential for Cooperation Between Denitrifying Polyphosphate and Glycogen Accumulating Organisms.		4
27	Connecting structure to function with the recovery of over 1000 high-quality activated sludge metagenome-assembled genomes encoding full-length rRNA genes using long-read sequencing.		15
26	Metabolic differentiation of co-occurring Accumulibacter clades revealed through genome-resolved metatranscriptomics.		1

25	Oligotyping and Genome-Resolved Metagenomics Reveal Distinct <i>Candidatus Accumulibacter</i> Communities in Full-Scale Side-Stream versus Conventional Enhanced Biological Phosphorus Removal (EBPR) Configurations.		2
24	Charting the complexity of the activated sludge microbiome through a hybrid sequencing strategy. <i>Microbiome</i> , 2021 , 9, 205	16.6	3
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21	Enrichment of phosphate-accumulating organisms (PAOs) in a microfluidic model biofilm system by mimicking a typical aerobic granular sludge feast/famine regime.. <i>Applied Microbiology and Biotechnology</i> , 2022 , 106, 1313	5.7	0
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15	Metagenomic analysis of denitrifying phosphorus removal in SBR system: Comparison of nitrate and nitrite as electron acceptors. <i>Chemical Engineering Journal</i> , 2022 , 446, 137225	14.7	1
14	Genomic characterization of denitrifying methylotrophic <i>Pseudomonas aeruginosa</i> strain AAK/M5 isolated from municipal solid waste landfill soil. <i>World Journal of Microbiology and Biotechnology</i> , 2022 , 38,	4.4	
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