

Francesca Petriglieri

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

723
citations

933447

10
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	12.8	177
2	Resolving the individual contribution of key microbial populations to enhanced biological phosphorus removal with Ramanâ€‘FISH. <i>ISME Journal</i> , 2019, 13, 1933-1946.	9.8	130
3	The morphology and metabolic potential of the Chloroflexi in full-scale activated sludge wastewater treatment plants. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	100
4	â€‘ <i>Candidatus</i> Dechloromonas phosphoritrophaâ€‘ and â€‘ <i>Ca</i> . <i>D. phosphorivorans</i> â€‘, novel polyphosphate accumulating organisms abundant in wastewater treatment systems. <i>ISME Journal</i> , 2021, 15, 3605-3614.	9.8	80
5	High Diversity and Functional Potential of Undescribed â€‘Acidobacteriotaâ€‘ in Danish Wastewater Treatment Plants. <i>Frontiers in Microbiology</i> , 2021, 12, 643950.	3.5	56
6	In situ visualisation of the abundant Chloroflexi populations in full-scale anaerobic digesters and the fate of immigrating species. <i>PLoS ONE</i> , 2018, 13, e0206255.	2.5	37
7	Diversity and Ecophysiology of the Genus OLB8 and Other Abundant Uncultured Saprospiraceae Genera in Global Wastewater Treatment Systems. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	32
8	Reevaluation of the Phylogenetic Diversity and Global Distribution of the Genus â€‘ <i>Candidatus</i> Accumulibacterâ€‘. <i>MSystems</i> , 2022, 7, e0001622.	3.8	22
9	Identification of microorganisms responsible for foam formation in mesophilic anaerobic digesters treating surplus activated sludge. <i>Water Research</i> , 2021, 191, 116779.	11.3	18
10	Low Global Diversity of <i>Candidatus</i> Microthrix, a Troublesome Filamentous Organism in Full-Scale WWTPs. <i>Frontiers in Microbiology</i> , 2021, 12, 690251.	3.5	18
11	Quantification of Biologically and Chemically Bound Phosphorus in Activated Sludge from Full-Scale Plants with Biological P-Removal. <i>Environmental Science & Technology</i> , 2022, 56, 5132-5140.	10.0	15