Jennifer Pratscher

List of Publications by Year
in descending order

23	1,164	516710 16	677142 22
papers	citations	h-index	g-index

23	23	23	1612
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA-SIP reveals an overlooked methanotroph, Crenothrix sp., involved in methane consumption in shallow lake sediments. Science of the Total Environment, 2022, 814, 152742.	8.0	10
2	Towards a microbial process-based understanding of the resilience of peatland ecosystem service provisioning â€“ A research agenda. Science of the Total Environment, 2021, 759, 143467.	8.0	15
3	Extraction of Microbial Cells from Environmental Samples for FISH Approaches. Methods in Molecular Biology, 2021, 2246, 291-299.	0.9	0
4	Assembly of Bacterial Genome Sequences from Metagenomes of Spacecraft Assembly Cleanrooms. Microbiology Resource Announcements, 2021, 10, .	0.6	1
5	Assessing the Toxicity and Mitigating the Impact of Harmful Prymnesium Blooms in Eutrophic Waters of the Norfolk Broads. Environmental Science & Technology, 2021, 55, 16538-16551.	10.0	15
6	Impact of plants on the diversity and activity of methylotrophs in soil. Microbiome, 2020, 8, 31.	11.1	35
7	Bacteria are important dimethylsulfoniopropionate producers in coastal sediments. Nature Microbiology, 2019, 4, 1815-1825.	13.3	67
8	Assessment of the use of compost stability as an indicator of alkane and aromatic hydrocarbon degrader abundance in green waste composting materials and finished composts for soil bioremediation application. Waste Management, 2019, 95, 365-369.	7.4	10
9	Methanethiol and Dimethylsulfide Cycling in Stiffkey Saltmarsh. Frontiers in Microbiology, 2019, 10, 1040.	3.5	23
10	Novel Isoprene-Degrading Proteobacteria From Soil and Leaves Identified by Cultivation and Metagenomics Analysis of Stable Isotope Probing Experiments. Frontiers in Microbiology, 2019, 10, 2700.	3.5	28
11	Unravelling the Identity, Metabolic Potential and Global Biogeography of the Atmospheric Methaneâ€Oxidizing Upland Soil Cluster Îą. Environmental Microbiology, 2018, 20, 1016-1029.	3.8	103
12	Draft Genome Sequence of Methylocella silvestris TVC, a Facultative Methanotroph Isolated from Permafrost. Genome Announcements, 2018, 6, .	0.8	6
13	Insights into toxic Prymnesium parvum blooms: the role of sugars and algal viruses. Biochemical Society Transactions, 2018, 46, 413-421.	3.4	16
14	Methylamine as a nitrogen source for microorganisms from a coastal marine environment. Environmental Microbiology, 2017, 19, 2246-2257.	3.8	50
15	Methanethiol-dependent dimethylsulfide production in soil environments. ISME Journal, 2017, 11, 2379-2390.	9.8	54
16	Targeted metagenomics of active microbial populations with stable-isotope probing. Current Opinion in Biotechnology, 2016, 41, 1-8.	6.6	58
17	Colonization of rice roots with methanogenic archaea controls photosynthesisâ€derived methane emission. Environmental Microbiology, 2015, 17, 2254-2260.	3.8	29
18	One millimetre makes the difference: high-resolution analysis of methane-oxidizing bacteria and their specific activity at the oxicâ€“anoxic interface in a flooded paddy soil. ISME Journal, 2012, 6, 2128-2139.	9.8	127

#	Article	IF	Citations
19	Ammonia oxidation coupled to CO ₂ fixation by archaea and bacteria in an agricultural soil. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4170-4175.	7.1	208
20	Assimilation of acetate by the putative atmospheric methane oxidizers belonging to the USCÎ± clade. Environmental Microbiology, 2011, 13, 2692-2701.	3.8	47
21	Genome Data Mining and Soil Survey for the Novel Group 5 [NiFe]-Hydrogenase To Explore the Diversity and Ecological Importance of Presumptive High-Affinity H ₂ -Oxidizing Bacteria. Applied and Environmental Microbiology, 2011, 77, 6027-6035.	3.1	95
22	Streptomycetes contributing to atmospheric molecular hydrogen soil uptake are widespread and encode a putative highâ€affinity [NiFe]â€hydrogenase. Environmental Microbiology, 2010, 12, 821-829.	3.8	131
23	Application of Recognition of Individual Genes-Fluorescence In Situ Hybridization (RING-FISH) To Detect Nitrite Reductase Genes (nirK) of Denitrifiers in Pure Cultures and Environmental Samples. Applied and Environmental Microbiology, 2009, 75, 802-810.	3.1	36