

Marc W Van Goethem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1767333/publications.pdf>

Version: 2024-02-01

19
papers

1,528
citations

687363

13
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

2431
citing authors

#	ARTICLE	IF	CITATIONS
1	A genomic catalog of Earth's microbiomes. <i>Nature Biotechnology</i> , 2021, 39, 499-509.	17.5	457
2	A reservoir of "historical" antibiotic resistance genes in remote pristine Antarctic soils. <i>Microbiome</i> , 2018, 6, 40.	11.1	244
3	Learning representations of microbe-metabolite interactions. <i>Nature Methods</i> , 2019, 16, 1306-1314.	19.0	184
4	Environmental drivers of viral community composition in Antarctic soils identified by viromics. <i>Microbiome</i> , 2017, 5, 83.	11.1	94
5	Assembling metagenomes, one community at a time. <i>BMC Genomics</i> , 2017, 18, 521.	2.8	89
6	Characterization of bacterial communities in lithobionts and soil niches from Victoria Valley, Antarctica. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw051.	2.7	69
7	Multiple energy sources and metabolic strategies sustain microbial diversity in Antarctic desert soils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	68
8	Ecology and biogeochemistry of cyanobacteria in soils, permafrost, aquatic and cryptic polar habitats. <i>Biodiversity and Conservation</i> , 2015, 24, 819-840.	2.6	66
9	Characteristics of Wetting-Induced Bacteriophage Blooms in Biological Soil Crust. <i>MBio</i> , 2019, 10, .	4.1	56
10	Microbial diversity and functional capacity in polar soils. <i>Current Opinion in Biotechnology</i> , 2016, 38, 159-166.	6.6	45
11	Cyanobacteria and Alphaproteobacteria May Facilitate Cooperative Interactions in Niche Communities. <i>Frontiers in Microbiology</i> , 2017, 8, 2099.	3.5	36
12	Microbial Ecology on Solar Panels in Berkeley, CA, United States. <i>Frontiers in Microbiology</i> , 2018, 9, 3043.	3.5	23
13	Long-read metagenomics of soil communities reveals phylum-specific secondary metabolite dynamics. <i>Communications Biology</i> , 2021, 4, 1302.	4.4	21
14	The plant rhizosphere root niche is an edaphic "mini-oasis" in hyperarid deserts with enhanced microbial competition. <i>ISME Communications</i> , 2022, 2, .	4.2	18
15	Increased temperatures alter viable microbial biomass, ammonia oxidizing bacteria and extracellular enzymatic activities in Antarctic soils. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	13
16	Role of Cyanobacteria in the Ecology of Polar Environments. <i>Springer Polar Sciences</i> , 2019, , 3-23.	0.1	11
17	Reply to: Examining microbe-metabolite correlations by linear methods. <i>Nature Methods</i> , 2021, 18, 40-41.	19.0	6
18	Draft genome sequence of <i>Thermoactinomyces</i> sp. strain AS95 isolated from a Sebkhia in Thamelah, Algeria. <i>Standards in Genomic Sciences</i> , 2016, 11, 68.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Three Draft Single-Cell Genome Sequences of Novel SAR324 Strains Isolated from the Abyssopelagic Southern Ocean. <i>Microbiology Resource Announcements</i> , 2021, 10, e0075921.	0.6	0