

Lucas Paoli

List of Publications by Year in descending order

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14
papers

1,329
citations

840776

11
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

1922
citing authors

#	ARTICLE	IF	CITATIONS
1	metaSNV v2: detection of SNVs and subspecies in prokaryotic metagenomes. <i>Bioinformatics</i> , 2022, 38, 1162-1164.	4.1	11
2	Critical Assessment of Metagenome Interpretation: the second round of challenges. <i>Nature Methods</i> , 2022, 19, 429-440.	19.0	133
3	Biosynthetic potential of the global ocean microbiome. <i>Nature</i> , 2022, 607, 111-118.	27.8	128
4	Space, time and microdiversity: towards a resolution revolution in microbiomics. <i>Environmental Microbiology Reports</i> , 2021, 13, 31-35.	2.4	0
5	Deep ocean metagenomes provide insight into the metabolic architecture of bathypelagic microbial communities. <i>Communications Biology</i> , 2021, 4, 604.	4.4	107
6	mOTUs: Profiling Taxonomic Composition, Transcriptional Activity and Strain Populations of Microbial Communities. <i>Current Protocols</i> , 2021, 1, e218.	2.9	8
7	Compendium of 530 metagenome-assembled bacterial and archaeal genomes from the polar Arctic Ocean. <i>Nature Microbiology</i> , 2021, 6, 1561-1574.	13.3	57
8	proGenomes2: an improved database for accurate and consistent habitat, taxonomic and functional annotations of prokaryotic genomes. <i>Nucleic Acids Research</i> , 2020, 48, D621-D625.	14.5	60
9	Phylogenetic Estimation of Community Composition and Novel Eukaryotic Lineages in Base Mine Lake: An Oil Sands Tailings Reclamation Site in Northern Alberta. <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 86-99.	1.7	14
10	Gene Expression Changes and Community Turnover Differentially Shape the Global Ocean Metatranscriptome. <i>Cell</i> , 2019, 179, 1068-1083.e21.	28.9	268
11	Microbial abundance, activity and population genomic profiling with mOTUs2. <i>Nature Communications</i> , 2019, 10, 1014.	12.8	298
12	Principles of plastid reductive evolution illuminated by nonphotosynthetic chrysophytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6914-6923.	7.1	96
13	Plastid Transcript Editing across Dinoflagellate Lineages Shows Lineage-Specific Application but Conserved Trends. <i>Genome Biology and Evolution</i> , 2018, 10, 1019-1038.	2.5	22
14	metaSNV: A tool for metagenomic strain level analysis. <i>PLoS ONE</i> , 2017, 12, e0182392.	2.5	92