

Lucas Paoli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7550235/publications.pdf>

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