John L Darcy

List of Publications by Year in descending order

31 papers	2,457 citations	516710 16 h-index	454955 30 g-index
35 all docs	35 docs citations	35 times ranked	4034 citing authors

#	Article	IF	Citations
1	Hawaiian Fungal Amplicon Sequence Variants Reveal Otherwise Hidden Biogeography. Microbial Ecology, 2022, 83, 48-57.	2.8	16
2	specificity: an R package for analysis of feature specificity to environmental and higher dimensional variables, applied to microbiome species data. Environmental Microbiomes, 2022, 17, .	5.0	7
3	Multipleâ€trophic patterns of primary succession following retreat of a highâ€elevation glacier. Ecosphere, 2021, 12, e03400.	2.2	15
4	Insights into an undescribed highâ€elevation lake (6,170 m a.s.l.) on VolcÃ¡n Llullaillaco: A physical and microbiological view. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 2293-2299.	2.0	1
5	Gullies and Moraines Are Islands of Biodiversity in an Arid, Mountain Landscape, Asgard Range, Antarctica. Frontiers in Microbiology, 2021, 12, 654135.	3.5	6
6	Evidence for phosphorus limitation in high-elevation unvegetated soils, Niwot Ridge, Colorado. Biogeochemistry, 2020, 147, 1-13.	3.5	9
7	Fungal communities living within leaves of native Hawaiian dicots are structured by landscapeâ€scale variables as well as by host plants. Molecular Ecology, 2020, 29, 3102-3115.	3.9	20
8	A phylogenetic model for the recruitment of species into microbial communities and application to studies of the human microbiome. ISME Journal, 2020, 14, 1359-1368.	9.8	21
9	Structure of bacterial and eukaryote communities reflect in situ controls on community assembly in a high-alpine lake. Journal of Microbiology, 2019, 57, 852-864.	2.8	9
10	Nieves penitentes are a new habitat for snow algae in one of the most extreme high-elevation environments on Earth. Arctic, Antarctic, and Alpine Research, 2019, 51, 190-200.	1.1	16
11	Targeted ITS1 sequencing unravels the mycodiversity of deepâ€sea sediments from the Gulf of Mexico. Environmental Microbiology, 2019, 21, 4046-4061.	3.8	19
12	The disappearing periglacial ecosystem atop Mt. Kilimanjaro supports both cosmopolitan and endemic microbial communities. Scientific Reports, 2019, 9, 10676.	3.3	21
13	Experimental cryoconite holes as mesocosms for studying community ecology. Polar Biology, 2019, 42, 1973-1984.	1.2	13
14	A Developing Symbiosis: Enabling Cross-Talk Between Ecologists and Microbiome Scientists. Frontiers in Microbiology, 2019, 10, 292.	3.5	50
15	Comparison of Microbial Communities in the Sediments and Water Columns of Frozen Cryoconite Holes in the McMurdo Dry Valleys, Antarctica. Frontiers in Microbiology, 2019, 10, 65.	3.5	36
16	Single-Stranded DNA Viruses in Antarctic Cryoconite Holes. Viruses, 2019, 11, 1022.	3.3	31
17	Diversity patterns of microbial eukaryotes mirror those of bacteria in Antarctic cryoconite holes. FEMS Microbiology Ecology, 2018, 94, .	2.7	65
18	Temporal dynamics of gut microbiota in triclocarban-exposed weaned rats. Environmental Science and Pollution Research, 2018, 25, 14743-14751.	5.3	3

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19	Island Biogeography of Cryoconite Hole Bacteria in Antarctica's Taylor Valley and Around the World. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	29
20	Phosphorus, not nitrogen, limits plants and microbial primary producers following glacial retreat. Science Advances, 2018, 4, eaaq0942.	10.3	86
21	Freezeâ€“thaw revival of rotifers and algae in a desiccated, high-elevation (5500 meters) microbial mat, high Andes, PerÃº. Extremophiles, 2017, 21, 573-580.	2.3	5
22	Spatial autocorrelation of microbial communities atop a debris-covered glacier is evidence of a supraglacial chronosequence. FEMS Microbiology Ecology, 2017, 93, .	2.7	19
23	ANaganishiain high places: functioning populations or dormant cells from the atmosphere?. Mycology, 2017, 8, 153-163.	4.4	45
24	Phylogenetic factorization of compositional data yields lineage-level associations in microbiome datasets. PeerJ, 2017, 5, e2969.	2.0	105
25	Temporal Development of Gut Microbiota in Triclocarban Exposed Pregnant and Neonatal Rats. Scientific Reports, 2016, 6, 33430.	3.3	25
26	Decreases in average bacterial community rRNA operon copy number during succession. ISME Journal, 2016, 10, 1147-1156.	9.8	146
27	Nutrient Addition Dramatically Accelerates Microbial Community Succession. PLoS ONE, 2014, 9, e102609.	2.5	106
28	Metagenomic evidence for metabolism of trace atmospheric gases by high-elevation desert Actinobacteria. Frontiers in Microbiology, 2014, 5, 698.	3.5	62
29	Patterns and Processes of Microbial Community Assembly. Microbiology and Molecular Biology Reviews, 2013, 77, 342-356.	6.6	1,325
30	A simple method for determining limiting nutrients for photosynthetic crusts. Plant Ecology and Diversity, 2012, 5, 513-519.	2.4	20
31	Global Distribution of Polaromonas Phylotypes - Evidence for a Highly Successful Dispersal Capacity. PLoS ONE, 2011, 6, e23742.	2.5	125