

Claudia Coleine

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

624
citations

687363

13
h-index

677142

22
g-index

42
all docs

42
docs citations

42
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungi are key players in extreme ecosystems. <i>Trends in Ecology and Evolution</i> , 2022, 37, 517-528.	8.7	62
2	Antarctic Cryptoendolithic Fungal Communities Are Highly Adapted and Dominated by Lecanoromycetes and Dothideomycetes. <i>Frontiers in Microbiology</i> , 2018, 9, 1392.	3.5	53
3	Beyond the extremes: Rocks as ultimate refuge for fungi in drylands. <i>Mycologia</i> , 2021, 113, 108-133.	1.9	50
4	Sun Exposure Shapes Functional Grouping of Fungi in Cryptoendolithic Antarctic Communities. <i>Life</i> , 2018, 8, 19.	2.4	40
5	Effect of environmental parameters on biodiversity of the fungal component in lithic Antarctic communities. <i>Extremophiles</i> , 2017, 21, 1069-1080.	2.3	38
6	Taxonomic annotation of public fungal ITS sequences from the built environment – a report from an April 10–11, 2017 workshop (Aberdeen, UK). <i>MycKeys</i> , 2018, 28, 65-82.	1.9	33
7	Altitude and fungal diversity influence the structure of Antarctic cryptoendolithic Bacteria communities. <i>Environmental Microbiology Reports</i> , 2019, 11, 718-726.	2.4	29
8	Responses of the Black Fungus <i>Cryomyces antarcticus</i> to Simulated Mars and Space Conditions on Rock Analogs. <i>Astrobiology</i> , 2019, 19, 209-220.	3.0	25
9	Peculiar genomic traits in the stress-adapted cryptoendolithic Antarctic fungus <i>Friedmanniomyces endolithicus</i> . <i>Fungal Biology</i> , 2020, 124, 458-467.	2.5	23
10	Endolithic microbial composition in Helliwell Hills, a newly investigated Mars-like area in Antarctica. <i>Environmental Microbiology</i> , 2021, 23, 4002-4016.	3.8	21
11	Draft Genome Sequences of the Antarctic Endolithic Fungi <i>Rachicladosporium antarcticum</i> CCFEE 5527 and <i>Rachicladosporium</i> sp. CCFEE 5018. <i>Genome Announcements</i> , 2017, 5, .	0.8	17
12	Specific adaptations are selected in opposite sun exposed Antarctic cryptoendolithic communities as revealed by untargeted metabolomics. <i>PLoS ONE</i> , 2020, 15, e0233805.	2.5	17
13	Pre-Cambrian roots of novel Antarctic cryptoendolithic bacterial lineages. <i>Microbiome</i> , 2021, 9, 63.	11.1	17
14	Shed Light in the DaRk LineagES of the Fungal Tree of Life – STRES. <i>Life</i> , 2020, 10, 362.	2.4	16
15	Annotating public fungal ITS sequences from the built environment according to the MlxS-Built Environment standard – a report from a May 23-24, 2016 workshop (Gothenburg, Sweden). <i>MycKeys</i> , 0, 16, 1-15.	1.9	16
16	Unearthing terrestrial extreme microbiomes for searching terrestrial-like life in the Solar System. <i>Trends in Microbiology</i> , 2022, 30, 1101-1115.	7.7	16
17	Endolithic Fungal Species Markers for Harsh Conditions in the McMurdo Dry Valleys, Antarctica. <i>Life</i> , 2020, 10, 13.	2.4	15
18	Endolithic Bacterial Diversity in Lichen-Dominated Communities Is Shaped by Sun Exposure in McMurdo Dry Valleys, Antarctica. <i>Microbial Ecology</i> , 2022, 83, 328-339.	2.8	15

#	ARTICLE	IF	CITATIONS
19	Uncovered Microbial Diversity in Antarctic Cryptoendolithic Communities Sampling Three Representative Locations of the Victoria Land. <i>Microorganisms</i> , 2020, 8, 942.	3.6	12
20	Forecasting the number of species of asexually reproducing fungi (Ascomycota and Basidiomycota). <i>Fungal Diversity</i> , 2022, 114, 463-490.	12.3	12
21	Fungal Biodiversity in the Alpine Tarfala Valley. <i>Microorganisms</i> , 2015, 3, 612-624.	3.6	10
22	Draft Genome Sequence of an Antarctic Isolate of the Black Yeast Fungus <i>Exophiala mesophila</i> . <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	10
23	Culture-Dependent and Amplicon Sequencing Approaches Reveal Diversity and Distribution of Black Fungi in Antarctic Cryptoendolithic Communities. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 213.	3.5	10
24	Sampling strategies to assess microbial diversity of Antarctic cryptoendolithic communities. <i>Polar Biology</i> , 2020, 43, 225-235.	1.2	8
25	Humidity and low pH boost occurrence of Onygenales fungi in soil at global scale. <i>Soil Biology and Biochemistry</i> , 2022, 167, 108617.	8.8	8
26	Metagenomes in the Borderline Ecosystems of the Antarctic Cryptoendolithic Communities. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	7
27	Draft Genome Sequence of the Yeast <i>Rhodotorula</i> sp. Strain CCFEE 5036, Isolated from McMurdo Dry Valleys, Antarctica. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	7
28	Expansion of shrubs could result in local loss of soil bacterial richness in Western Greenland. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	5
29	2.1 Black fungi inhabiting rock surfaces. , 2021, , 57-86.		5
30	Sun exposure drives Antarctic cryptoendolithic community structure and composition. <i>Polar Biology</i> , 2020, 43, 607-615.	1.2	4
31	Metabolomics of Dry Versus Reanimated Antarctic Lichen-Dominated Endolithic Communities. <i>Life</i> , 2021, 11, 96.	2.4	4
32	Amplicon Sequencing of Rock-Inhabiting Microbial Communities from Joshua Tree National Park, USA. <i>Microbiology Resource Announcements</i> , 2021, 10, e0049421.	0.6	3
33	<i>Antarctolichenia onofrii</i> gen. nov. sp. nov. from Antarctic Endolithic Communities Untangles the Evolution of Rock-Inhabiting and Lichenized Fungi in Arthoniomycetes. <i>Journal of Fungi (Basel)</i> , Tj ETQq1 1 0.784314rgBT /Overlock 10		
34	Rocks support a distinctive and consistent mycobiome across contrasting dry regions of Earth. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	2.7	2
35	The polyextreme tolerant black yeasts are prevalent under high ultraviolet light and climatic seasonality across soils of global biomes. <i>Environmental Microbiology</i> , 2022, 24, 1988-1999.	3.8	2