

Shawn P Brown

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4639550/publications.pdf>

Version: 2024-02-01

36
papers

1,738
citations

394421

19
h-index

315739

38
g-index

38
all docs

38
docs citations

38
times ranked

2215
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal disconnects between saprobic and mycorrhizal sporocarp communities in the Southern Appalachian Mountains. <i>Fungal Ecology</i> , 2022, 55, 101125.	1.6	3
2	Whole-Genome Sequence and Draft Assembly of the Biocontrol Fungal Pathogen <i>Albifimbria verrucaria</i> CABI-IMI 368023. <i>Microbiology Resource Announcements</i> , 2022, 11, e0090921.	0.6	2
3	Fire as a driver of fungal diversity – A synthesis of current knowledge. <i>Mycologia</i> , 2022, 114, 215-241.	1.9	36
4	Bacteria and Bellicosity: Photoperiodic Shifts in Gut Microbiota Drive Seasonal Aggressive Behavior in Male Siberian Hamsters. <i>Journal of Biological Rhythms</i> , 2022, 37, 296-309.	2.6	4
5	Sampling a gradient of red snow algae bloom density reveals novel connections between microbial communities and environmental features. <i>Scientific Reports</i> , 2022, 12, .	3.3	8
6	A Path Forward: Promoting Microbial-Based Methods in the Control of Invasive Plant Species. <i>Plants</i> , 2021, 10, 943.	3.5	8
7	Taxonomic Evaluation of a Bioherbicidal Isolate of <i>Albifimbria verrucaria</i> , Formerly <i>Myrothecium verrucaria</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 694.	3.5	7
8	Investigating the effects of nitrogen deposition and substrates on the microbiome and mycobiome of the millipede <i>Cherokia georgiana georgiana</i> (Diplopoda: Polydesmida). <i>Soil Biology and Biochemistry</i> , 2021, 159, 108285.	8.8	4
9	A novel role for the pineal gland: Regulating seasonal shifts in the gut microbiota of Siberian hamsters. <i>Journal of Pineal Research</i> , 2020, 69, e12696.	7.4	12
10	Soil origin and plant genotype structure distinct microbiome compartments in the model legume <i>Medicago truncatula</i> . <i>Microbiome</i> , 2020, 8, 139.	11.1	101
11	Recovery and resiliency of skin microbial communities on the southern leopard frog (<i>Lithobates</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	3.8	6
12	Distribution and biogeography of <i>Sanguina</i> snow algae: Fine-scale sequence analyses reveal previously unknown population structure. <i>Ecology and Evolution</i> , 2020, 10, 11352-11361.	1.9	11
13	Drivers of Foliar Fungal Endophytic Communities of Kudzu (<i>Pueraria montana</i> var. <i>lobata</i>) in the Southeast United States. <i>Diversity</i> , 2020, 12, 185.	1.7	8
14	Investigate the role of biofilm and water chemistry on lead deposition onto and release from polyethylene: An implication for potable water pipes. <i>Journal of Hazardous Materials</i> , 2020, 400, 123253.	12.4	28
15	FungalTraits: a user-friendly traits database of fungi and fungus-like stramenopiles. <i>Fungal Diversity</i> , 2020, 105, 1-16.	12.3	387
16	Nutrient availability and organic matter quality shape bacterial community structure in a lake biofilm. <i>Aquatic Microbial Ecology</i> , 2020, 85, 1-18.	1.8	2
17	Context dependent fungal and bacterial soil community shifts in response to recent wildfires in the Southern Appalachian Mountains. <i>Forest Ecology and Management</i> , 2019, 451, 117520.	3.2	35
18	Resource constraints highlight complex microbial interactions during lake biofilm development. <i>Journal of Ecology</i> , 2019, 107, 2737-2746.	4.0	29

#	ARTICLE	IF	CITATIONS
19	Microbial Ecology of Snow Reveals Taxa-Specific Biogeographical Structure. <i>Microbial Ecology</i> , 2019, 77, 946-958.	2.8	28
20	Wood decomposition in aquatic and terrestrial ecosystems in the tropics: contrasting biotic and abiotic processes. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	18
21	Protocols for Investigating the Leaf Mycobiome Using High-Throughput DNA Sequencing. <i>Methods in Molecular Biology</i> , 2018, 1848, 39-51.	0.9	11
22	Spatial and successional dynamics of microbial biofilm communities in a grassland stream ecosystem. <i>Molecular Ecology</i> , 2016, 25, 4674-4688.	3.9	59
23	A Community of Clones: Snow Algae Are Diverse Communities of Spatially Structured Clones. <i>International Journal of Plant Sciences</i> , 2016, 177, 432-439.	1.3	52
24	Don't put all your eggs in one basket: a cost-effective and powerful method to optimize primer choice for <i>scp>rRNA</scp></i> environmental community analyses using the Fluidigm Access Array. <i>Molecular Ecology Resources</i> , 2016, 16, 946-956.	4.8	19
25	Polymerase matters: non-proofreading enzymes inflate fungal community richness estimates by up to 15%. <i>Fungal Ecology</i> , 2015, 15, 86-89.	1.6	94
26	Fungi and Algae Co-Occur in Snow: An Issue of Shared Habitat or Algal Facilitation of Heterotrophs?. <i>Arctic, Antarctic, and Alpine Research</i> , 2015, 47, 729-749.	1.1	41
27	Moth Outbreaks Alter Root-Associated Fungal Communities in Subarctic Mountain Birch Forests. <i>Microbial Ecology</i> , 2015, 69, 788-797.	2.8	54
28	Analyses of Sporocarps, Morphotyped Ectomycorrhizae, Environmental ITS and LSU Sequences Identify Common Genera that Occur at a Periglacial Site. <i>Journal of Fungi (Basel, Switzerland)</i> , 2015, 1, 76-93.	3.5	6
29	Phylogenetic diversity analyses reveal disparity between fungal and bacterial communities during microbial primary succession. <i>Soil Biology and Biochemistry</i> , 2015, 89, 52-60.	8.8	49
30	Scraping the bottom of the barrel: are rare high throughput sequences artifacts?. <i>Fungal Ecology</i> , 2015, 13, 221-225.	1.6	196
31	Contrasting primary successional trajectories of fungi and bacteria in retreating glacier soils. <i>Molecular Ecology</i> , 2014, 23, 481-497.	3.9	208
32	The rich and the sensitive: diverse fungal communities change functionally with the warming Arctic. <i>Molecular Ecology</i> , 2014, 23, 3127-3129.	3.9	6
33	Analyses of ITS and LSU gene regions provide congruent results on fungal community responses. <i>Fungal Ecology</i> , 2014, 9, 65-68.	1.6	44
34	Comparison of root-associated communities of native and non-native ectomycorrhizal hosts in an urban landscape. <i>Mycorrhiza</i> , 2014, 24, 267-280.	2.8	21
35	Deep Ion Torrent sequencing identifies soil fungal community shifts after frequent prescribed fires in a southeastern US forest ecosystem. <i>FEMS Microbiology Ecology</i> , 2013, 86, 557-566.	2.7	86
36	Twenty years of research on fungal-plant interactions on Lyman Glacier forefront - lessons learned and questions yet unanswered. <i>Fungal Ecology</i> , 2012, 5, 430-442.	1.6	41