

# 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  | FungalTraits: a user-friendly traits database of fungi and fungus-like stramenopiles. <i>Fungal Diversity</i> , 2020, 105, 1-16.  | 12.3 | 387       |
| 2  | Contrasting primary successional trajectories of fungi and bacteria in retreating glacier soils. <i>Molecular Ecology</i> , 2014, 23, 481-497.  | 3.9  | 208       |
| 3  | Scraping the bottom of the barrel: are rare high throughput sequences artifacts?. <i>Fungal Ecology</i> , 2015, 13, 221-225.  | 1.6  | 196       |
| 4  | 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       |
| 5  | 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        |
| 6  | 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        |
| 7  | Spatial and successional dynamics of microbial biofilm communities in a grassland stream ecosystem. <i>Molecular Ecology</i> , 2016, 25, 4674-4688.   | 3.9  | 59        |
| 8  | Moth Outbreaks Alter Root-Associated Fungal Communities in Subarctic Mountain Birch Forests. <i>Microbial Ecology</i> , 2015, 69, 788-797.  | 2.8  | 54        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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        |
| 12 | 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        |
| 13 | 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        |
| 14 | Fire as a driver of fungal diversity – A synthesis of current knowledge. <i>Mycologia</i> , 2022, 114, 215-241.   | 1.9  | 36        |
| 15 | 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        |
| 16 | Resource constraints highlight complex microbial interactions during lake biofilm development. <i>Journal of Ecology</i> , 2019, 107, 2737-2746.  | 4.0  | 29        |
| 17 | Microbial Ecology of Snow Reveals Taxa-Specific Biogeographical Structure. <i>Microbial Ecology</i> , 2019, 77, 946-958.  | 2.8  | 28        |
| 18 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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        |
| 20 | Don't put all your eggs in one basket: a cost-effective and powerful method to optimize primer choice for <scp>rRNA</scp> environmental community analyses using the Fluidigm Access Array. <i>Molecular Ecology Resources</i> , 2016, 16, 946-956. | 4.8 | 19        |
| 21 | 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        |
| 22 | 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        |
| 23 | Protocols for Investigating the Leaf Mycobiome Using High-Throughput DNA Sequencing. <i>Methods in Molecular Biology</i> , 2018, 1848, 39-51.   | 0.9 | 11        |
| 24 | 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        |
| 25 | 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         |
| 26 | A Path Forward: Promoting Microbial-Based Methods in the Control of Invasive Plant Species. <i>Plants</i> , 2021, 10, 943.  | 3.5 | 8         |
| 27 | 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         |
| 28 | Taxonomic Evaluation of a Bioherbicidal Isolate of <i>Albifimbria verrucaria</i> , Formerly <i>Myrothecium verrucaria</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 694.  | 3.5 | 7         |
| 29 | 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         |
| 30 | 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         |
| 31 | 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         |
| 32 | 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         |
| 33 | 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         |
| 34 | Seasonal disconnects between saprobic and mycorrhizal sporocarp communities in the Southern Appalachian Mountains. <i>Fungal Ecology</i> , 2022, 55, 101125.  | 1.6 | 3         |
| 35 | 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         |
| 36 | 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         |