

Sydney I Glassman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1971678/publications.pdf>

Version: 2024-02-01

30
papers

2,113
citations

471509

17
h-index

610901

24
g-index

38
all docs

38
docs citations

38
times ranked

3001
citing authors

#	ARTICLE	IF	CITATIONS
1	Endemism and functional convergence across the North American soil mycobiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6341-6346.	7.1	482
2	Environmental filtering by <scp>pH</scp> and soil nutrients drives community assembly in fungi at fine spatial scales. <i>Molecular Ecology</i> , 2017, 26, 6960-6973.	3.9	223
3	Decomposition responses to climate depend on microbial community composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11994-11999.	7.1	214
4	Independent roles of ectomycorrhizal and saprotrophic communities in soil organic matter decomposition. <i>Soil Biology and Biochemistry</i> , 2013, 57, 282-291.	8.8	203
5	Broad-scale Ecological Patterns Are Robust to Use of Exact Sequence Variants versus Operational Taxonomic Units. <i>MSphere</i> , 2018, 3, .	2.9	168
6	Ectomycorrhizal fungal spore bank recovery after a severe forest fire: some like it hot. <i>ISME Journal</i> , 2016, 10, 1228-1239.	9.8	156
7	A continental view of pine-associated ectomycorrhizal fungal spore banks: a quiescent functional guild with a strong biogeographic pattern. <i>New Phytologist</i> , 2015, 205, 1619-1631.	7.3	126
8	Temperature and pH define the realised niche space of arbuscular mycorrhizal fungi. <i>New Phytologist</i> , 2021, 231, 763-776.	7.3	126
9	A simple pyrocosm for studying soil microbial response to fire reveals a rapid, massive response by <i>Pyronema</i> species. <i>PLoS ONE</i> , 2020, 15, e0222691.	2.5	52
10	The theory of island biogeography applies to ectomycorrhizal fungi in subalpine tree "islands" at a fine scale. <i>Ecosphere</i> , 2017, 8, e01677.	2.2	43
11	Fungi isolated from <i>Miscanthus</i> and sugarcane: biomass conversion, fungal enzymes, and hydrolysis of plant cell wall polymers. <i>Biotechnology for Biofuels</i> , 2015, 8, 38.	6.2	41
12	High-severity wildfire reduces richness and alters composition of ectomycorrhizal fungi in low-severity adapted ponderosa pine forests. <i>Forest Ecology and Management</i> , 2021, 485, 118923.	3.2	36
13	Fire as a driver of fungal diversity " A synthesis of current knowledge. <i>Mycologia</i> , 2022, 114, 215-241.	1.9	36
14	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
15	Biotic contexts alter metal sequestration and AMF effects on plant growth in soils polluted with heavy metals. <i>Ecology</i> , 2012, 93, 1550-1559.	3.2	32
16	Survey of corticioid fungi in North American pinaceous forests reveals hyperdiversity, underpopulated sequence databases, and species that are potentially ectomycorrhizal. <i>Mycologia</i> , 2017, 109, 115-127.	1.9	31
17	Small-scale spatial variability in the distribution of ectomycorrhizal fungi affects plant performance and fungal diversity. <i>Ecology Letters</i> , 2017, 20, 1192-1202.	6.4	21
18	Limitations to Propagule Dispersal Will Constrain Postfire Recovery of Plants and Fungi in Western Coniferous Forests. <i>BioScience</i> , 2022, 72, 347-364.	4.9	21

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19	Arbuscular Mycorrhizal Fungal Communities in the Soils of Desert Habitats. <i>Microorganisms</i> , 2021, 9, 229.	3.6	19
20	Mega-fire in redwood tanoak forest reduces bacterial and fungal richness and selects for pyrophilous taxa that are phylogenetically conserved. <i>Molecular Ecology</i> , 2022, 31, 2475-2493.	3.9	19
21	High resilience of the mycorrhizal community to prescribed seasonal burnings in eastern Mediterranean woodlands. <i>Mycorrhiza</i> , 2021, 31, 203-216.	2.8	8
22	Exploring Trait Trade-Offs for Fungal Decomposers in a Southern California Grassland. <i>Frontiers in Microbiology</i> , 2021, 12, 655987.	3.5	6
23	Phenotypic plasticity of fungal traits in response to moisture and temperature. <i>ISME Communications</i> , 2021, 1, .	4.2	6
24	Soil microbial communities associated with giant sequoia: How does the world's largest tree affect some of the world's smallest organisms?. <i>Ecology and Evolution</i> , 2020, 10, 6593-6609.	1.9	4
25	Title is missing!. , 2020, 15, e0222691.		0
26	Title is missing!. , 2020, 15, e0222691.		0
27	Title is missing!. , 2020, 15, e0222691.		0
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29	Title is missing!. , 2020, 15, e0222691.		0
30	Title is missing!. , 2020, 15, e0222691.		0