# Sydney I Glassman

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 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 | Limitations to Propagule Dispersal Will Constrain Postfire Recovery of Plants and Fungi in Western Coniferous Forests. BioScience, 2022, 72, 347-364. | 4.9 | 21 |
| 2 | Megaâ€fire in redwood tanoak forest reduces bacterial and fungal richness and selects for pyrophilous taxa that are phylogenetically conserved. Molecular Ecology, 2022, 31, 2475-2493. | 3.9 | 19 |
| 3 | Fire as a driver of fungal diversity â€" A synthesis of current knowledge. Mycologia, 2022, 114, 215-241. | 1.9 | 36 |
| 4 | High resilience of the mycorrhizal community to prescribed seasonal burnings in eastern Mediterranean woodlands. Mycorrhiza, 2021, 31, 203-216. | 2.8 | 8 |
| 5 | Temperature and pH define the realised niche space of arbuscular mycorrhizal fungi. New Phytologist, 2021, 231, 763-776. | 7.3 | 126 |
| 6 | Exploring Trait Trade-Offs for Fungal Decomposers in a Southern California Grassland. Frontiers in Microbiology, 2021, 12, 655987. | 3.5 | 6 |
| 7 | High-severity wildfire reduces richness and alters composition of ectomycorrhizal fungi in low-severity adapted ponderosa pine forests. Forest Ecology and Management, 2021, 485, 118923. | 3.2 | 36 |
| 8 | Phenotypic plasticity of fungal traits in response to moisture and temperature. ISME Communications, 2021, 1, . | 4.2 | 6 |
| 9 | Arbuscular Mycorrhizal Fungal Communities in the Soils of Desert Habitats. Microorganisms, 2021, 9, 229. | 3.6 | 19 |
| 10 | Soil microbial communities associated with giant sequoia: How does the world's largest tree affect some of the world's smallest organisms?. Ecology and Evolution, 2020, 10, 6593-6609. | 1.9 | 4 |
| 11 | A simple pyrocosm for studying soil microbial response to fire reveals a rapid, massive response by Pyronema species. PLoS ONE, 2020, 15, e0222691. | 2.5 | 52 |
| 12 | Title is missing!. , 2020, 15, e0222691. | | 0 |
| 13 | Title is missing!. , 2020, 15, e0222691. | | 0 |
| 14 | Title is missing!. , 2020, 15, e0222691. | | 0 |
| 15 | Title is missing!. , 2020, 15, e0222691. | | 0 |
| 16 | Title is missing!. , 2020, 15, e0222691. | | 0 |
| 17 | Title is missing!. , 2020, 15, e0222691. | | 0 |
| 18 | Decomposition responses to climate depend on microbial community composition. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11994-11999. | 7.1 | 214 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Taxonomic annotation of public fungal ITS sequences from the built environment â€“ a report from an April 10â€“11, 2017 workshop (Aberdeen, UK). MycoKeys, 2018, 28, 65-82. | 1.9 | 33 |
| 20 | Broadscale Ecological Patterns Are Robust to Use of Exact Sequence Variants versus Operational Taxonomic Units. MSphere, 2018, 3, . | 2.9 | 168 |
| 21 | Survey of corticioid fungi in North American pinaceous forests reveals hyperdiversity, underpopulated sequence databases, and species that are potentially ectomycorrhizal. Mycologia, 2017, 109, 115-127. | 1.9 | 31 |
| 22 | The theory of island biogeography applies to ectomycorrhizal fungi in subalpine tree â€œislandsâ€•at a fine scale. Ecosphere, 2017, 8, e01677. | 2.2 | 43 |
| 23 | Smallâ€scale spatial variability in the distribution of ectomycorrhizal fungi affects plant performance and fungal diversity. Ecology Letters, 2017, 20, 1192-1202. | 6.4 | 21 |
| 24 | Environmental filtering by <scp>pH</scp> and soil nutrients drives community assembly in fungi at fine spatial scales. Molecular Ecology, 2017, 26, 6960-6973. | 3.9 | 223 |
| 25 | Ectomycorrhizal fungal spore bank recovery after a severe forest fire: some like it hot. ISME Journal, 2016, 10, 1228-1239. | 9.8 | 156 |
| 26 | A continental view of pineâ€associated ectomycorrhizal fungal spore banks: a quiescent functional guild with a strong biogeographic pattern. New Phytologist, 2015, 205, 1619-1631. | 7.3 | 126 |
| 27 | Fungi isolated from Miscanthus and sugarcane: biomass conversion, fungal enzymes, and hydrolysis of plant cell wall polymers. Biotechnology for Biofuels, 2015, 8, 38. | 6.2 | 41 |
| 28 | Endemism and functional convergence across the North American soil mycobiome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6341-6346. | 7.1 | 482 |
| 29 | Independent roles of ectomycorrhizal and saprotrophic communities in soil organic matter decomposition. Soil Biology and Biochemistry, 2013, 57, 282-291. | 8.8 | 203 |
| 30 | Biotic contexts alter metal sequestration and AMF effects on plant growth in soils polluted with heavy metals. Ecology, 2012, 93, 1550-1559. | 3.2 | 32 |