

Scott T Bates

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

14,293
citations

236925

25
h-index

345221

36
g-index

37
all docs

37
docs citations

37
times ranked

16057
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a unified paradigm for sequence-based identification of fungi. <i>Molecular Ecology</i> , 2013, 22, 5271-5277.	3.9	2,997
2	FUNGuild: An open annotation tool for parsing fungal community datasets by ecological guild. <i>Fungal Ecology</i> , 2016, 20, 241-248.	1.6	2,797
3	Using network analysis to explore co-occurrence patterns in soil microbial communities. <i>ISME Journal</i> , 2012, 6, 343-351.	9.8	2,051
4	Cross-biome metagenomic analyses of soil microbial communities and their functional attributes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21390-21395.	7.1	1,260
5	Examining the global distribution of dominant archaeal populations in soil. <i>ISME Journal</i> , 2011, 5, 908-917.	9.8	1,112
6	The under-recognized dominance of Verrucomicrobia in soil bacterial communities. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1450-1455.	8.8	613
7	Plant diversity predicts beta but not alpha diversity of soil microbes across grasslands worldwide. <i>Ecology Letters</i> , 2015, 18, 85-95.	6.4	612
8	Global biogeography of highly diverse protistan communities in soil. <i>ISME Journal</i> , 2013, 7, 652-659.	9.8	412
9	FungalTraits: a user-friendly traits database of fungi and fungus-like stramenopiles. <i>Fungal Diversity</i> , 2020, 105, 1-16.	12.3	387
10	Bacterial Communities Associated with the Lichen Symbiosis. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1309-1314.	3.1	302
11	Changes in Bacterial and Fungal Communities across Compost Recipes, Preparation Methods, and Composting Times. <i>PLoS ONE</i> , 2013, 8, e79512.	2.5	258
12	Microbial Biogeography of Public Restroom Surfaces. <i>PLoS ONE</i> , 2011, 6, e28132.	2.5	222
13	Fungal functional ecology: bringing a trait-based approach to plant-associated fungi. <i>Biological Reviews</i> , 2020, 95, 409-433.	10.4	171
14	Diversity, distribution and sources of bacteria in residential kitchens. <i>Environmental Microbiology</i> , 2013, 15, 588-596.	3.8	170
15	Molecular phylogenetics of the gomphoid-phalloid fungi with an establishment of the new subclass Phallomycetidae and two new orders. <i>Mycologia</i> , 2006, 98, 949-959.	1.9	143
16	A culture-independent study of free-living fungi in biological soil crusts of the Colorado Plateau: their diversity and relative contribution to microbial biomass. <i>Environmental Microbiology</i> , 2009, 11, 56-67.	3.8	113
17	Fungal communities of lichen-dominated biological soil crusts: Diversity, relative microbial biomass, and their relationship to disturbance and crust cover. <i>Journal of Arid Environments</i> , 2010, 74, 1192-1199.	2.4	99
18	Patterns of diversity for fungal assemblages of biological soil crusts from the southwestern United States. <i>Mycologia</i> , 2012, 104, 353-361.	1.9	90

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19	Archaeal populations in biological soil crusts from arid lands in North America. <i>Soil Biology and Biochemistry</i> , 2009, 41, 2069-2074.	8.8	81
20	Ammonia-oxidizing archaea and bacteria are structured by geography in biological soil crusts across North American arid lands. <i>Ecological Processes</i> , 2013, 2, .	3.9	69
21	A preliminary survey of lichen associated eukaryotes using pyrosequencing. <i>Lichenologist</i> , 2012, 44, 137-146.	0.8	67
22	Characterization of the juvenile green turtle (<i>Chelonia mydas</i>) microbiome throughout an ontogenetic shift from pelagic to neritic habitats. <i>PLoS ONE</i> , 2017, 12, e0177642.	2.5	59
23	<i>Exophiala crusticola</i> anam. nov. (affinity <i>Herpotrichiellaceae</i>), a novel black yeast from biological soil crusts in the Western United States. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2697-2702.	1.7	36
24	Effort versus Reward: Preparing Samples for Fungal Community Characterization in High-Throughput Sequencing Surveys of Soils. <i>PLoS ONE</i> , 2015, 10, e0127234.	2.5	36
25	Meeting Report: Fungal ITS Workshop (October 2012). <i>Standards in Genomic Sciences</i> , 2013, 8, 118-123.	1.5	34
26	The Mycology Collections Portal (MyCoPortal). <i>IMA Fungus</i> , 2017, 8, A65-A66.	3.8	21
27	<i>Aurantioporthe corni</i> gen. et comb. nov., an endophyte and pathogen of <i>Cornus alternifolia</i> . <i>Mycologia</i> , 2015, 107, 66-79.	1.9	17
28	Defining gut mycobiota for wild animals: a need for caution in assigning authentic resident fungal taxa. <i>Animal Microbiome</i> , 2021, 3, 75.	3.8	15
29	Loss of functional diversity and network modularity in introduced plant-fungal symbioses. <i>AoB PLANTS</i> , 2016, , plw084.	2.3	12
30	Examining transmission of gut bacteria to preserved carcass via anal secretions in <i>Nicrophorus defodiens</i> . <i>PLoS ONE</i> , 2019, 14, e0225711.	2.5	11
31	The protochecklist of North American nonlichenized Fungi. <i>Mycologia</i> , 2018, 110, 1222-1348.	1.9	10
32	Original Article. Geographic distribution of <i>Fusarium culmorum</i> chemotypes associated with wheat crown rot in Iraq. <i>Journal of Plant Protection Research</i> , 2016, 57, 43-49.	1.0	7
33	Phylogenetic placement of the secotioid fungus <i>Araneosa columellata</i> within <i>Agaricus</i> . <i>Mycotaxon</i> , 2016, 131, 103-110.	0.3	3
34	rMyCoPortal - an R package to interface with the Mycology Collections Portal. <i>Biodiversity Data Journal</i> , 2019, 7, e31511.	0.8	3
35	The Lichens of Parashant National Monument, Arizona: A Preliminary Study. <i>Journal of the Arizona-Nevada Academy of Science</i> , 2004, 37, 85-90.	0.1	1
36	The role of parental care in the establishment of the offspring digestive tract microbiome in <i>Nicrophorus defodiens</i> . <i>Animal Behaviour</i> , 2021, 172, 35-44.	1.9	1

#	ARTICLE	IF	CITATIONS
37	MATING TYPE CHARACTERIZATION OF FUSARIUM CULMORUM STRAINS CAUSING WHEAT CROWN ROT IN IRAQ. Pakistan Journal of Phytopathology, 2018, 30, 109.	0.4	1