

Mario E Muscarella

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

784
citations

687363

13
h-index

752698

20
g-index

28
all docs

28
docs citations

28
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial population dynamics and evolutionary outcomes under extreme energy limitation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	38
2	Guided by Microbes: Applying Community Coalescence Principles for Predictive Microbiome Engineering. MSystems, 2021, 6, e0053821.	3.8	9
3	Metagenomes from Experimental Hydrologic Manipulation of Restored Coastal Plain Wetland Soils (Tyrell County, North Carolina). Microbiology Resource Announcements, 2020, 9, .	0.6	1
4	Auxotrophic interactions: a stabilizing attribute of aquatic microbial communities?. FEMS Microbiology Ecology, 2020, 96, .	2.7	31
5	Trait-based approach to bacterial growth efficiency. Environmental Microbiology, 2020, 22, 3494-3504.	3.8	14
6	Species dynamics and interactions via metabolically informed consumer-resource models. Theoretical Ecology, 2020, 13, 503-518.	1.0	10
7	Metabolic insight into bacterial community assembly across ecosystem boundaries. Ecology, 2020, 101, e02968.	3.2	34
8	Dormancy dampens the microbial distance-decay relationship. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190243.	4.0	49
9	Resource heterogeneity structures aquatic bacterial communities. ISME Journal, 2019, 13, 2183-2195.	9.8	93
10	Evolutionary determinants of genome-wide nucleotide composition. Nature Ecology and Evolution, 2018, 2, 237-240.	7.8	126
11	How, When, and Where Relic DNA Affects Microbial Diversity. MBio, 2018, 9, .	4.1	151
12	Stoichiometric Shifts in Soil C:N:P Promote Bacterial Taxa Dominance, Maintain Biodiversity, and Deconstruct Community Assemblages. Frontiers in Microbiology, 2018, 9, 1401.	3.5	56
13	Ecological Dissertations in the Aquatic Sciences: An Effective Networking and Professional Development Opportunity for Early Career Aquatic Scientists. Limnology and Oceanography Bulletin, 2017, 26, 25-30.	0.4	3
14	What are the type, direction, and strength of species, community, and ecosystem responses to warming in aquatic mesocosm studies and their dependency on experimental characteristics? A systematic review protocol. Environmental Evidence, 2017, 6, .	2.7	3
15	Wetland management strategies lead to tradeoffs in ecological structure and function. Elementa, 2017, 5, .	3.2	6
16	Species sorting along a subsidy gradient alters bacterial community stability. Ecology, 2016, 97, 2034-2043.	3.2	25
17	Genome Sequence of the Soil Bacterium Janthinobacterium sp. KBS0711. Genome Announcements, 2015, 3, .	0.8	21
18	Phosphorus resource heterogeneity in microbial food webs. Aquatic Microbial Ecology, 2014, 73, 259-272.	1.8	25

#	ARTICLE	IF	CITATIONS
19	A Source of Terrestrial Organic Carbon to Investigate the Browning of Aquatic Ecosystems. PLoS ONE, 2013, 8, e75771.	2.5	36
20	Comparison of biochemical and molecular methods for the identification of bacterial isolates associated with failed loggerhead sea turtle eggs. Journal of Applied Microbiology, 2008, 104, 1244-1251.	3.1	28