

# Mario E Muscarella

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/566461/publications.pdf>

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	How, When, and Where Relic DNA Affects Microbial Diversity. <i>MBio</i> , 2018, 9, .	4.1	151
2	Evolutionary determinants of genome-wide nucleotide composition. <i>Nature Ecology and Evolution</i> , 2018, 2, 237-240.	7.8	126
3	Resource heterogeneity structures aquatic bacterial communities. <i>ISME Journal</i> , 2019, 13, 2183-2195.	9.8	93
4	Stoichiometric Shifts in Soil C:N:P Promote Bacterial Taxa Dominance, Maintain Biodiversity, and Deconstruct Community Assemblages. <i>Frontiers in Microbiology</i> , 2018, 9, 1401.	3.5	56
5	Dormancy dampens the microbial distance–decay relationship. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190243.	4.0	49
6	Microbial population dynamics and evolutionary outcomes under extreme energy limitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	38
7	A Source of Terrestrial Organic Carbon to Investigate the Browning of Aquatic Ecosystems. <i>PLoS ONE</i> , 2013, 8, e75771.	2.5	36
8	Metabolic insight into bacterial community assembly across ecosystem boundaries. <i>Ecology</i> , 2020, 101, e02968.	3.2	34
9	Auxotrophic interactions: a stabilizing attribute of aquatic microbial communities?. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	31
10	Comparison of biochemical and molecular methods for the identification of bacterial isolates associated with failed loggerhead sea turtle eggs. <i>Journal of Applied Microbiology</i> , 2008, 104, 1244-1251.	3.1	28
11	Species sorting along a subsidy gradient alters bacterial community stability. <i>Ecology</i> , 2016, 97, 2034-2043.	3.2	25
12	Phosphorus resource heterogeneity in microbial food webs. <i>Aquatic Microbial Ecology</i> , 2014, 73, 259-272.	1.8	25
13	Genome Sequence of the Soil Bacterium <i>Janthinobacterium</i> sp. KBS0711. <i>Genome Announcements</i> , 2015, 3, .	0.8	21
14	Trait-based approach to bacterial growth efficiency. <i>Environmental Microbiology</i> , 2020, 22, 3494-3504.	3.8	14
15	Species dynamics and interactions via metabolically informed consumer-resource models. <i>Theoretical Ecology</i> , 2020, 13, 503-518.	1.0	10
16	Guided by Microbes: Applying Community Coalescence Principles for Predictive Microbiome Engineering. <i>MSystems</i> , 2021, 6, e0053821.	3.8	9
17	Wetland management strategies lead to tradeoffs in ecological structure and function. <i>Elementa</i> , 2017, 5, .	3.2	6
18	Ecological Dissertations in the Aquatic Sciences: An Effective Networking and Professional Development Opportunity for Early Career Aquatic Scientists. <i>Limnology and Oceanography Bulletin</i> , 2017, 26, 25-30.	0.4	3

#	ARTICLE	IF	CITATIONS
19	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. <i>Environmental Evidence</i> , 2017, 6, .	2.7	3
20	Metagenomes from Experimental Hydrologic Manipulation of Restored Coastal Plain Wetland Soils (Tyrell County, North Carolina). <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1