

# Michelle E Afkhami

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1056639/publications.pdf>

Version: 2024-02-01

20  
papers

1,477  
citations

623734

14  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental stress destabilizes microbial networks. <i>ISME Journal</i> , 2021, 15, 1722-1734.	9.8	444
2	Mutualist-mediated effects on species' range limits across large geographic scales. <i>Ecology Letters</i> , 2014, 17, 1265-1273.	6.4	201
3	Fungal functional ecology: bringing a trait-based approach to plant-associated fungi. <i>Biological Reviews</i> , 2020, 95, 409-433.	10.4	171
4	Cheaters must prosper: reconciling theoretical and empirical perspectives on cheating in mutualism. <i>Ecology Letters</i> , 2015, 18, 1270-1284.	6.4	126
5	Multiple mutualist effects: conflict and synergy in multispecies mutualisms. <i>Ecology</i> , 2014, 95, 833-844.	3.2	91
6	Climate Disruption of Plant-Microbe Interactions. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 561-586.	8.3	72
7	Using niche breadth theory to explain generalization in mutualisms. <i>Ecology</i> , 2018, 99, 1039-1050.	3.2	64
8	Multiple mutualist effects on genomewide expression in the tripartite association between <i>Medicago truncatula</i> , nitrogen-fixing bacteria and mycorrhizal fungi. <i>Molecular Ecology</i> , 2016, 25, 4946-4962.	3.9	51
9	Tripartite mutualisms as models for understanding plant-microbial interactions. <i>Current Opinion in Plant Biology</i> , 2020, 56, 28-36.	7.1	40
10	Microbial mitigation-exacerbation continuum: a novel framework for microbiome effects on hosts in the face of stress. <i>Ecology</i> , 2018, 99, 517-523.	3.2	37
11	Soil Microbiomes Underlie Population Persistence of an Endangered Plant Species. <i>American Naturalist</i> , 2019, 194, 488-494.	2.1	36
12	Do plant-microbe interactions support the Stress Gradient Hypothesis?. <i>Ecology</i> , 2020, 101, e03081.	3.2	35
13	Symbioses with nitrogen-fixing bacteria: nodulation and phylogenetic data across legume genera. <i>Ecology</i> , 2018, 99, 502-502.	3.2	27
14	Cooperation and coexpression: How coexpression networks shift in response to multiple mutualists. <i>Molecular Ecology</i> , 2018, 27, 1860-1873.	3.9	21
15	Multiple Mutualism Effects generate synergistic selection and strengthen fitness alignment in the interaction between legumes, rhizobia and mycorrhizal fungi. <i>Ecology Letters</i> , 2021, 24, 1824-1834.	6.4	18
16	Microbiome-mediated effects of habitat fragmentation on native plant performance. <i>New Phytologist</i> , 2021, 232, 1823-1838.	7.3	18
17	Salinity legacy: Foliar microbiome's history affects mutualist-conferred salinity tolerance. <i>Ecology</i> , 2022, 103, e3679.	3.2	7
18	Diversity and Structure of Soil Fungal Communities across Experimental Everglades Tree Islands. <i>Diversity</i> , 2020, 12, 324.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Microbiome-mediated response to pulse fire disturbance outweighs the effects of fire legacy on plant performance. <i>New Phytologist</i> , 2022, 233, 2071-2082.	7.3	6
20	Hydrology shapes microbial communities and microbiome-mediated growth of an Everglades tree island species. <i>Restoration Ecology</i> , 2023, 31, .	2.9	0