

Daniel Maynard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7249126/publications.pdf>

Version: 2024-02-01

42
papers

3,956
citations

218677

26
h-index

254184

43
g-index

46
all docs

46
docs citations

46
times ranked

6336
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping tree density at a global scale. <i>Nature</i> , 2015, 525, 201-205.	27.8	642
2	The global soil community and its influence on biogeochemistry. <i>Science</i> , 2019, 365, .	12.6	586
3	Understanding the dominant controls on litter decomposition. <i>Journal of Ecology</i> , 2016, 104, 229-238.	4.0	409
4	Climate fails to predict wood decomposition at regional scales. <i>Nature Climate Change</i> , 2014, 4, 625-630.	18.8	281
5	Untangling the fungal niche: the trait-based approach. <i>Frontiers in Microbiology</i> , 2014, 5, 579.	3.5	211
6	Biotic interactions mediate soil microbial feedbacks to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7033-7038.	7.1	201
7	A test of the hierarchical model of litter decomposition. <i>Nature Ecology and Evolution</i> , 2017, 1, 1836-1845.	7.8	172
8	Fungal functional ecology: bringing a trait-based approach to plant-associated fungi. <i>Biological Reviews</i> , 2020, 95, 409-433.	10.4	171
9	Competitive network determines the direction of the diversity-function relationship. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11464-11469.	7.1	102
10	A trait-based understanding of wood decomposition by fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11551-11558.	7.1	102
11	Predicting the responsiveness of soil biodiversity to deforestation: a cross-biome study. <i>Global Change Biology</i> , 2014, 20, 2983-2994.	9.5	101
12	Consistent trade-offs in fungal trait expression across broad spatial scales. <i>Nature Microbiology</i> , 2019, 4, 846-853.	13.3	94
13	Diversity begets diversity in competition for space. <i>Nature Ecology and Evolution</i> , 2017, 1, 156.	7.8	79
14	Distinct Assembly Processes and Microbial Communities Constrain Soil Organic Carbon Formation. <i>One Earth</i> , 2020, 2, 349-360.	6.8	74
15	Fungal interactions reduce carbon use efficiency. <i>Ecology Letters</i> , 2017, 20, 1034-1042.	6.4	65
16	Growing the urban forest: tree performance in response to biotic and abiotic land management. <i>Restoration Ecology</i> , 2015, 23, 707-718.	2.9	51
17	Environmental stress response limits microbial necromass contributions to soil organic carbon. <i>Soil Biology and Biochemistry</i> , 2015, 85, 153-161.	8.8	50
18	Network spandrels reflect ecological assembly. <i>Ecology Letters</i> , 2018, 21, 324-334.	6.4	45

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19	Predicting coexistence in experimental ecological communities. <i>Nature Ecology and Evolution</i> , 2020, 4, 91-100.	7.8	45
20	Species associations overwhelm abiotic conditions to dictate the structure and function of wood-decay fungal communities. <i>Ecology</i> , 2018, 99, 801-811.	3.2	42
21	Linking functional diversity and ecosystem processes: A framework for using functional diversity metrics to predict the ecosystem impact of functionally unique species. <i>Journal of Ecology</i> , 2018, 106, 687-698.	4.0	39
22	Quantifying microbial control of soil organic matter dynamics at macrosystem scales. <i>Biogeochemistry</i> , 2021, 156, 19-40.	3.5	37
23	Temperate forest termites: ecology, biogeography, and ecosystem impacts. <i>Ecological Entomology</i> , 2015, 40, 199-210.	2.2	36
24	Intransitive competition is common across five major taxonomic groups and is driven by productivity, competitive rank and functional traits. <i>Journal of Ecology</i> , 2018, 106, 852-864.	4.0	36
25	The use of artificial media in fungal ecology. <i>Fungal Ecology</i> , 2018, 32, 87-91.	1.6	36
26	Greenhouse trace gases in deadwood. <i>Biogeochemistry</i> , 2016, 130, 215-226.	3.5	31
27	Phenotypic variability promotes diversity and stability in competitive communities. <i>Ecology Letters</i> , 2019, 22, 1776-1786.	6.4	30
28	Global relationships in tree functional traits. <i>Nature Communications</i> , 2022, 13, .	12.8	29
29	Decoupling direct and indirect effects of temperature on decomposition. <i>Soil Biology and Biochemistry</i> , 2017, 112, 110-116.	8.8	25
30	Alternative stable states of the forest mycobiome are maintained through positive feedbacks. <i>Nature Ecology and Evolution</i> , 2022, 6, 375-382.	7.8	21
31	Mortality After Hospitalization for Heart Failure in Blacks Compared to Whites. <i>American Journal of Cardiology</i> , 2010, 105, 694-700.	1.6	18
32	Consistent effects of eastern subterranean termites (<i>Reticulitermes flavipes</i>) on properties of a temperate forest soil. <i>Soil Biology and Biochemistry</i> , 2015, 91, 84-91.	8.8	15
33	Ants: Ecology and Impacts in Dead Wood. <i>Zoological Monographs</i> , 2018, , 237-262.	1.1	15
34	Belowground community turnover accelerates the decomposition of standing dead wood. <i>Ecology</i> , 2021, 102, e03484.	3.2	13
35	Requirements for labelling forest polygons in an object-based image analysis classification. <i>International Journal of Remote Sensing</i> , 2013, 34, 2531-2547.	2.9	11
36	Reconciling empirical interactions and species coexistence. <i>Ecology Letters</i> , 2019, 22, 1028-1037.	6.4	11

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37	Modelling the multidimensional niche by linking functional traits to competitive performance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150516.	2.6	8
38	Spatially-explicit models of global tree density. <i>Scientific Data</i> , 2016, 3, 160069.	5.3	7
39	Modeling Forest Canopy Structure and Density by Combining Point Quadrat Sampling and Survival Analysis. <i>Forest Science</i> , 2013, 59, 681-692.	1.0	5
40	Efficacy of remote telemetry data loggers for landscape-scale monitoring: A case study of American martens. <i>Wildlife Society Bulletin</i> , 2016, 40, 570-582.	1.6	4
41	Vertical point sampling with a digital camera: Slope correction and field evaluation. <i>Computers and Electronics in Agriculture</i> , 2014, 100, 131-138.	7.7	2
42	Reply to Veresoglou: Overdependence on "significance" testing in biology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5114-E5114.	7.1	2