

Maarten B Eppinga

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3331552/publications.pdf>

Version: 2024-02-01

48
papers

2,026
citations

279798

23
h-index

254184

43
g-index

50
all docs

50
docs citations

50
times ranked

2416
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation of local pathogens: a new hypothesis to explain exotic plant invasions. <i>Oikos</i> , 2006, 114, 168-176.	2.7	218
2	When and where plant-soil feedback may promote plant coexistence: a meta-analysis. <i>Ecology Letters</i> , 2019, 22, 1274-1284.	6.4	195
3	Nutrients and Hydrology Indicate the Driving Mechanisms of Peatland Surface Patterning. <i>American Naturalist</i> , 2009, 173, 803-818.	2.1	123
4	Beyond Turing: The response of patterned ecosystems to environmental change. <i>Ecological Complexity</i> , 2014, 20, 81-96.	2.9	115
5	Regular Surface Patterning of Peatlands: Confronting Theory with Field Data. <i>Ecosystems</i> , 2008, 11, 520-536.	3.4	112
6	Linking habitat modification to catastrophic shifts and vegetation patterns in bogs. <i>Plant Ecology</i> , 2009, 200, 53-68.	1.6	104
7	Spatial Self-Organization on Intertidal Mudflats through Biophysical Stress Divergence. <i>American Naturalist</i> , 2010, 176, E15-E32.	2.1	90
8	Bistability and regular spatial patterns in arid ecosystems. <i>Theoretical Ecology</i> , 2010, 3, 257-269.	1.0	73
9	Multistability of model and real dryland ecosystems through spatial self-organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11256-11261.	7.1	69
10	Frequency-dependent feedback constrains plant community coexistence. <i>Nature Ecology and Evolution</i> , 2018, 2, 1403-1407.	7.8	66
11	Plant-soil feedbacks and the coexistence of competing plants. <i>Theoretical Ecology</i> , 2013, 6, 99-113.	1.0	55
12	Ecosystems off track: rate-induced critical transitions in ecological models. <i>Oikos</i> , 2016, 125, 1689-1699.	2.7	54
13	Beach debris on Aruba, Southern Caribbean: Attribution to local land-based and distal marine-based sources. <i>Marine Pollution Bulletin</i> , 2016, 106, 49-57.	5.0	52
14	The effect of climate change on the resilience of ecosystems with adaptive spatial pattern formation. <i>Ecology Letters</i> , 2020, 23, 414-429.	6.4	52
15	Exploratory Modeling: Extracting Causality From Complexity. <i>Eos</i> , 2014, 95, 285-286.	0.1	49
16	Resource contrast in patterned peatlands increases along a climatic gradient. <i>Ecology</i> , 2010, 91, 2344-2355.	3.2	47
17	Increased aridity drives post-fire recovery of Mediterranean forests towards open shrublands. <i>New Phytologist</i> , 2020, 225, 1500-1515.	7.3	44
18	Litter feedbacks, evolutionary change and exotic plant invasion. <i>Journal of Ecology</i> , 2011, 99, 503-514.	4.0	40

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19	How will increases in rainfall intensity affect semiarid ecosystems?. <i>Water Resources Research</i> , 2014, 50, 5980-6001.	4.2	35
20	Plant-soil feedbacks promote coexistence and resilience in multi-species communities. <i>PLoS ONE</i> , 2019, 14, e0211572.	2.5	28
21	The role of land use and land cover change in climate change vulnerability assessments of biodiversity: a systematic review. <i>Landscape Ecology</i> , 2021, 36, 3367-3382.	4.2	28
22	Plant-specific effects of iron-toxicity in wetlands. <i>Plant and Soil</i> , 2017, 416, 83-96.	3.7	26
23	Grazing Away the Resilience of Patterned Ecosystems. <i>American Naturalist</i> , 2019, 193, 472-480.	2.1	24
24	Leaf litter variation influences invasion dynamics in the invasive wetland grass <i>Phalaris arundinacea</i> . <i>Biological Invasions</i> , 2013, 15, 1819-1832.	2.4	23
25	Eco-evolutionary litter feedback as a driver of exotic plant invasion. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2013, 15, 20-31.	2.7	23
26	The impact of hurricanes Irma and Maria on the forest ecosystems of Saba and St. Eustatius, northern Caribbean. <i>Biotropica</i> , 2018, 50, 723-728.	1.6	23
27	Pathogens and Mutualists as Joint Drivers of Host Species Coexistence and Turnover: Implications for Plant Competition and Succession. <i>American Naturalist</i> , 2020, 195, 591-602.	2.1	23
28	Microbiome influence on host community dynamics: Conceptual integration of microbiome feedback with classical host-microbe theory. <i>Ecology Letters</i> , 2021, 24, 2796-2811.	6.4	22
29	Human-aided admixture may fuel ecosystem transformation during biological invasions: theoretical and experimental evidence. <i>Ecology and Evolution</i> , 2014, 4, 899-910.	1.9	21
30	Plant species occurrence patterns in Eurasian grasslands reflect adaptation to nutrient ratios. <i>Oecologia</i> , 2018, 186, 1055-1067.	2.0	21
31	Soil Water Repellency: A Potential Driver of Vegetation Dynamics in Coastal Dunes. <i>Ecosystems</i> , 2016, 19, 1210-1224.	3.4	20
32	A nucleation framework for transition between alternate states: short-circuiting barriers to ecosystem recovery. <i>Ecology</i> , 2020, 101, e03099.	3.2	18
33	A new method to infer vegetation boundary movement from "snapshot" data. <i>Ecography</i> , 2013, 36, 622-635.	4.5	14
34	Clonal Vegetation Patterns Mediate Shoreline Erosion. <i>Geophysical Research Letters</i> , 2018, 45, 6476-6484.	4.0	14
35	Spatially explicit removal strategies increase the efficiency of invasive plant species control. <i>Ecological Applications</i> , 2021, 31, e02257.	3.8	13
36	The relationship between ecosystem services and human modification displays decoupling across global delta systems. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	11

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37	Plant-soil feedback as a driver of spatial structure in ecosystems. <i>Physics of Life Reviews</i> , 2022, 40, 6-14.	2.8	10
38	Accounting for the nested nature of genetic variation across levels of organization improves our understanding of biodiversity and community ecology. <i>Oikos</i> , 2016, 125, 895-904.	2.7	9
39	Environmental science education in a small island state: integrating theory and local experience. <i>Environmental Education Research</i> , 2019, 25, 1004-1018.	2.9	9
40	Ranking the sustainable development goals: perceived sustainability priorities in small island states. <i>Sustainability Science</i> , 2022, 17, 1537-1556.	4.9	9
41	Holocene peatland initiation in the Greater Everglades. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 254-269.	3.0	8
42	High spatial resolution mapping identifies habitat characteristics of the invasive vine <i>Antigonon leptopus</i> on St. Eustatius (Lesser Antilles). <i>Biotropica</i> , 2021, 53, 941-953.	1.6	8
43	Putting sustainability research into practice on the university campus. <i>International Journal of Sustainability in Higher Education</i> , 2020, 21, 54-75.	3.1	7
44	The EU needs a nutrient directive. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 287-288.	29.7	7
45	Long-term transients help explain regime shifts in consumer-renewable resource systems. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	6
46	<i>Antigonon leptopus</i> invasion is associated with plant community disassembly in a Caribbean island ecosystem. <i>Biological Invasions</i> , 2022, 24, 353-371.	2.4	2
47	Can Nucleation Bridge to Desirable Alternative Stable States? Theory and Applications. <i>Bulletin of the Ecological Society of America</i> , 2022, 103, e01953.	0.2	2
48	Resource contrast in patterned peatlands increases along a climatic gradient. <i>Ecology</i> , 2010, 91, 100618132138042.	3.2	1