Maarten B Eppinga

List of Publications by Year
in descending order

48	2,026	279798	254184
papers	citations	23 h-index	43 g-index

50	50	50	2416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antigonon leptopus invasion is associated with plant community disassembly in a Caribbean island ecosystem. Biological Invasions, 2022, 24, 353-371.	2.4	2
2	Can Nucleation Bridge to Desirable Alternative Stable States? Theory and Applications. Bulletin of the Ecological Society of America, 2022, 103, e01953.	0.2	2
3	Plant-soil feedback as a driver of spatial structure in ecosystems. Physics of Life Reviews, 2022, 40, 6-14.	2.8	10
4	Ranking the sustainable development goals: perceived sustainability priorities in small island states. Sustainability Science, 2022, 17, 1537-1556.	4.9	9
5	The relationship between ecosystem services and human modification displays decoupling across global delta systems. Communications Earth & Environment, 2022, 3, .	6.8	11
6	The EU needs a nutrient directive. Nature Reviews Earth & Environment, 2022, 3, 287-288.	29.7	7
7	Spatially explicit removal strategies increase the efficiency of invasive plant species control. Ecological Applications, 2021, 31, e02257.	3.8	13
8	Long-term transients help explain regime shifts in consumer-renewable resource systems. Communications Earth & Environment, 2021, 2, .	6.8	6
9	High spatial resolution mapping identifies habitat characteristics of the invasive vine Antigonon leptopus on St. Eustatius (Lesser Antilles). Biotropica, 2021, 53, 941-953.	1.6	8
10	The role of land use and land cover change in climate change vulnerability assessments of biodiversity: a systematic review. Landscape Ecology, 2021, 36, 3367-3382.	4.2	28
11	Microbiome influence on host community dynamics: Conceptual integration of microbiome feedback with classical hostâ€“microbe theory. Ecology Letters, 2021, 24, 2796-2811.	6.4	22
12	Increased aridity drives postâ€fire recovery of Mediterranean forests towards open shrublands. New Phytologist, 2020, 225, 1500-1515.	7.3	44
13	The effect of climate change on the resilience of ecosystems with adaptive spatial pattern formation. Ecology Letters, 2020, 23, 414-429.	6.4	52
14	Pathogens and Mutualists as Joint Drivers of Host Species Coexistence and Turnover: Implications for Plant Competition and Succession. American Naturalist, 2020, 195, 591-602.	2.1	23
15	Putting sustainability research into practice on the university campus. International Journal of Sustainability in Higher Education, 2020, 21, 54-75.	3.1	7
16	A nucleation framework for transition between alternate states: shortâ€circuiting barriers to ecosystem recovery. Ecology, 2020, 101, e03099.	3.2	18
17	Grazing Away the Resilience of Patterned Ecosystems. American Naturalist, 2019, 193, 472-480.	2.1	24
18	When and where plantâ€soil feedback may promote plant coexistence: a metaâ€analysis. Ecology Letters, 2019, 22, 1274-1284.	6.4	195

#	Article	IF	Citations
19	Environmental science education in a small island state: integrating theory and local experience. Environmental Education Research, 2019, 25, 1004-1018.	2.9	9
20	Plant-soil feedbacks promote coexistence and resilience in multi-species communities. PLoS ONE, 2019, 14, e0211572.	2.5	28
21	Plant species occurrence patterns in Eurasian grasslands reflect adaptation to nutrient ratios. Oecologia, 2018, 186, 1055-1067.	2.0	21
22	Multistability of model and real dryland ecosystems through spatial self-organization. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11256-11261.	7.1	69
23	The impact of hurricanes Irma and Maria on the forest ecosystems of Saba and St. Eustatius, northern Caribbean. Biotropica, 2018, 50, 723-728.	1.6	23
24	Clonal Vegetation Patterns Mediate Shoreline Erosion. Geophysical Research Letters, 2018, 45, 6476-6484.	4.0	14
25	Frequency-dependent feedback constrains plant community coexistence. Nature Ecology and Evolution, 2018, 2, 1403-1407.	7.8	66
26	Plant-specific effects of iron-toxicity in wetlands. Plant and Soil, 2017, 416, 83-96.	3.7	26
27	Beach debris on Aruba, Southern Caribbean: Attribution to local land-based and distal marine-based sources. Marine Pollution Bulletin, 2016, 106, 49-57.	5.0	52
28	Soil Water Repellency: A Potential Driver of Vegetation Dynamics in Coastal Dunes. Ecosystems, 2016, 19, 1210-1224.	3.4	20
29	Ecosystems off track: rateâ€induced critical transitions in ecological models. Oikos, 2016, 125, 1689-1699.	2.7	54
30	Accounting for the nested nature of genetic variation across levels of organization improves our understanding of biodiversity and community ecology. Oikos, 2016, 125, 895-904.	2.7	9
31	Holocene peatland initiation in the Greater Everglades. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 254-269.	3.0	8
32	Exploratory Modeling: Extracting Causality From Complexity. Eos, 2014, 95, 285-286.	0.1	49
33	Humanâ€aided admixture may fuel ecosystem transformation during biological invasions: theoretical and experimental evidence. Ecology and Evolution, 2014, 4, 899-910.	1.9	21
34	Beyond Turing: The response of patterned ecosystems to environmental change. Ecological Complexity, 2014, 20, 81-96.	2.9	115
35	How will increases in rainfall intensity affect semiarid ecosystems?. Water Resources Research, 2014, 50, 5980-6001.	4.2	35
36	A new method to infer vegetation boundary movement from â€˜snapshotâ€™ data. Ecography, 2013, 36, 622-635.	4.5	14

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37	Plantâ€“soil feedbacks and the coexistence of competing plants. Theoretical Ecology, 2013, 6, 99-113.	1.0	55
38	Leaf litter variation influences invasion dynamics in the invasive wetland grass Phalaris arundinacea. Biological Invasions, 2013, 15, 1819-1832.	2.4	23
39	Eco-evolutionary litter feedback as a driver of exotic plant invasion. Perspectives in Plant Ecology, Evolution and Systematics, 2013, 15, 20-31.	2.7	23
40	Litter feedbacks, evolutionary change and exotic plant invasion. Journal of Ecology, 2011, 99, 503-514.	4.0	40
41	Resource contrast in patterned peatlands increases along a climatic gradient. Ecology, 2010, 91, 2344-2355.	3.2	47
42	Bistability and regular spatial patterns in arid ecosystems. Theoretical Ecology, 2010, 3, 257-269.	1.0	73
43	Spatial Selfâ€Organization on Intertidal Mudflats through Biophysical Stress Divergence. American Naturalist, 2010, 176, E15-E32.	2.1	90
44	Resource contrast in patterned peatlands increases along a climatic gradient. Ecology, 2010, 91, 100618132138042.	3.2	1
45	Nutrients and Hydrology Indicate the Driving Mechanisms of Peatland Surface Patterning. American Naturalist, 2009, 173, 803-818.	2.1	123
46	Linking habitat modification to catastrophic shifts and vegetation patterns in bogs. Plant Ecology, 2009, 200, 53-68.	1.6	104
47	Regular Surface Patterning of Peatlands: Confronting Theory with Field Data. Ecosystems, 2008, 11, 520-536.	3.4	112
48	Accumulation of local pathogens: a new hypothesis to explain exotic plant invasions. Oikos, 2006, 114, 168-176.	2.7	218