Mike S Fowler

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7920193/publications.pdf

Version: 2024-02-01

50	2,214	361413	233421
papers	citations	20 h-index	45 g-index

51	51	51	3854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ecological and evolutionary implications of food subsidies from humans. Ecology Letters, 2013, 16, 1501-1514.	6.4	563
2	Navigating the complexity of ecological stability. Ecology Letters, 2016, 19, 1172-1185.	6.4	401
3	Ecological and evolutionary dynamics under coloured environmental variation. Trends in Ecology and Evolution, 2009, 24, 555-563.	8.7	161
4	Boomâ€bust dynamics in biological invasions: towards an improved application of the concept. Ecology Letters, 2017, 20, 1337-1350.	6.4	143
5	Livestock grazing alters multiple ecosystem properties and services in salt marshes: a metaâ€analysis. Journal of Applied Ecology, 2017, 54, 1395-1405.	4.0	96
6	Population Dynamic Consequences of Allee Effects. Journal of Theoretical Biology, 2002, 215, 39-46.	1.7	73
7	Community dynamics under environmental change: How can next generation mechanistic models improve projections of species distributions?. Ecological Modelling, 2016, 326, 63-74.	2.5	66
8	When can we distinguish between neutral and nonâ€neutral processes in community dynamics under ecological drift?. Ecology Letters, 2009, 12, 909-919.	6.4	49
9	Detecting compensatory dynamics in competitive communities under environmental forcing. Oikos, 2008, 117, 1907-1911.	2.7	40
10	Testing for effects of climate change on competitive relationships and coexistence between two bird species. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141958.	2.6	39
11	Community extinction patterns in coloured environments. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1775-1783.	2.6	36
12	The predictability of ecological stability in a noisy world. Nature Ecology and Evolution, 2019, 3, 251-259.	7.8	35
13	Population synchrony in small-world networks. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 435-442.	2.6	31
14	Optimising physiochemical control of invasive Japanese knotweed. Biological Invasions, 2018, 20, 2091-2105.	2.4	31
15	Species dynamics alter community diversityâ€“biomass stability relationships. Ecology Letters, 2012, 15, 1387-1396.	6.4	30
16	Intraspecific Root Trait Variability Along Environmental Gradients Affects Salt Marsh Resistance to Lateral Erosion. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	30
17	Increasing community size and connectance can increase stability in competitive communities. Journal of Theoretical Biology, 2009, 258, 179-188.	1.7	29
18	Recovery of anuran community diversity following habitat replacement. Journal of Applied Ecology, 2010, 47, 148-156.	4.0	28

#	Article	IF	Citations
19	Extinction cascades and the distribution of species interactions. Oikos, 2010, 119, 864-873.	2.7	27
20	Extinctions in competitive communities forced by coloured environmental variation. Oikos, 2007, 116, 439-448.	2.7	24
21	Multiple dimensions of biodiversity drive human interest in tide pool communities. Scientific Reports, 2018, 8, 15234.	3.3	21
22	Interactions between maternal effects and dispersal. Oikos, 2005, 110, 81-90.	2.7	19
23	Community stability under different correlation structures of speciesâ€™ environmental responses. Journal of Theoretical Biology, 2009, 261, 379-387.	1.7	18
24	Grazing reduces bee abundance and diversity in saltmarshes by suppressing flowering of key plant species. Agriculture, Ecosystems and Environment, 2020, 291, 106760.	5.3	18
25	Natural enemy composition rather than richness determines pest suppression. BioControl, 2018, 63, 575-584.	2.0	16
26	Density dependent dispersal decisions and the Allee effect. Oikos, 2009, 118, 604-614.	2.7	15
27	Multiple trait dimensions mediate stress gradient effects on plant biomass allocation, with implications for coastal ecosystem services. Journal of Ecology, 2020, 108, 1227-1240.	4.0	15
28	Extinctions in simple and complex communities. Oikos, 2002, 99, 511-517.	2.7	14
29	Recruitment and facilitation in Pinus hartwegii, a Mexican alpine treeline ecotone, with potential responses to climate warming. Trees - Structure and Function, 2019, 33, 1087-1100.	1.9	14
30	Reversible colony formation and the associated costs in Scenedesmus obliquus. Journal of Plankton Research, 2019, 41, 419-429.	1.8	14
31	Colonization, covariance and colour: Environmental and ecological drivers of diversityâ€“stability relationships. Journal of Theoretical Biology, 2013, 324, 32-41.	1.7	12
32	Confounding Environmental Colour and Distribution Shape Leads to Underestimation of Population Extinction Risk. PLoS ONE, 2013, 8, e55855.	2.5	12
33	Functional responses of cougars (Puma concolor) in a multiple preyâ€species system. Integrative Zoology, 2018, 13, 84-93.	2.6	12
34	The form of direct interspecific competition modifies secondary extinction patterns in multiâ€trophic food webs. Oikos, 2013, 122, 1730-1738.	2.7	11
35	Predicting fungal community dynamics driven by competition for space. Fungal Ecology, 2019, 41, 13-22.	1.6	9
36	Mischaracterising density dependence biases estimated effects of coloured covariates on population dynamics. Population Ecology, 2013, 55, 183-192.	1.2	8

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37	The colour of environmental fluctuations associated with terrestrial animal population dynamics. Global Ecology and Biogeography, 2019, 28, 118-130.	5.8	8
38	The impacts of different management strategies and environmental forcing in ecological communities. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2491-2499.	2.6	6
39	Functional diversity of predators and parasitoids does not explain aphid biocontrol efficiency. BioControl, 2019, 64, 303-313.	2.0	6
40	Please donâ€™t mow the Japanese knotweed!. NeoBiota, 0, 60, 19-23.	1.0	6
41	The structure and strength of environmental variation modulate covariance patterns. A reply to Houlahan et al. 2008. Oikos, 2008, 117, 1914-1914.	2.7	5
42	Top-down and bottom-up control on cougar and its prey in a central Mexican natural reserve. European Journal of Wildlife Research, 2017, 63, 1.	1.4	5
43	Environmental degradation amplifies speciesâ€™ responses to temperature variation in a trophic interaction. Journal of Animal Ecology, 2019, 88, 1657-1669.	2.8	5
44	Metabolic responses of two pioneer wood decay fungi to diurnally cycling temperature. Journal of Ecology, 2022, 110, 68-79.	4.0	4
45	Why negatives should be viewed as positives. Nature, 2006, 439, 782-782.	27.8	3
46	Environment Forcing Populations. , 2007, , 89-110.		2
47	Incorporating alternative interaction modes, forbidden links and traitâ€based mechanisms increases the minimum trait dimensionality of ecological networks. Methods in Ecology and Evolution, 2020, 11, 1663-1672.	5.2	2
48	Turning defence into offence? Intrusion of cladoceran brood chambers by a green alga leads to reproductive failure. Royal Society Open Science, 2020, 7, 200249.	2.4	1
49	Stress-resistance traits disrupt the plant economics - decomposition relationship across environmental gradients in salt marshes. Estuarine, Coastal and Shelf Science, 2021, 258, 107391.	2.1	1
50	Simple laboratory tests of ecological theories: What we can learn from them, and when we should be cautious. Journal of Biosciences, 2006, 31, 177-179.	1.1	0