

Felix May

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

752
citations

16
h-index

27
g-index

37
ext. papers

1,047
ext. citations

6.3
avg, IF

4.41
L-index

#	Paper	IF	Citations
32	While shoot herbivores reduce, root herbivores increase nutrient enrichment's impact on diversity in a grassland model. <i>Ecology</i> , 2021 , 102, e03333	4.6	0
31	The function-dominance correlation drives the direction and strength of biodiversity-ecosystem functioning relationships. <i>Ecology Letters</i> , 2021 , 24, 1762-1775	10	1
30	Forestry contributed to warming of forest ecosystems in northern Germany during the extreme summers of 2018 and 2019. <i>Ecological Solutions and Evidence</i> , 2021 , 2, e12087	2.1	1
29	Benchmarking plant diversity of Palaearctic grasslands and other open habitats. <i>Journal of Vegetation Science</i> , 2021 , 32, e13050	3.1	8
28	Resolving the SLOSS dilemma for biodiversity conservation: a research agenda. <i>Biological Reviews</i> , 2021 ,	13.5	4
27	Variable responses of carbon and nitrogen contents in vegetation and soil to herbivory and warming in high-Arctic tundra. <i>Ecosphere</i> , 2021 , 12, e03746	3.1	0
26	Using coverage-based rarefaction to infer non-random species distributions. <i>Ecosphere</i> , 2021 , 12, e03745	3.1	1
25	Interactions between winter and summer herbivory affect spatial and temporal plant nutrient dynamics in tundra grassland communities. <i>Oikos</i> , 2020 , 129, 1229-1242	4	5
24	Scale-dependent effects of conspecific negative density dependence and immigration on biodiversity maintenance. <i>Oikos</i> , 2020 , 129, 1072-1083	4	4
23	Mediterranean marine protected areas have higher biodiversity via increased evenness, not abundance. <i>Journal of Applied Ecology</i> , 2020 , 57, 578-589	5.8	8
22	Ecosystem decay exacerbates biodiversity loss with habitat loss. <i>Nature</i> , 2020 , 584, 238-243	50.4	78
21	One leaf for all: Chemical traits of single leaves measured at the leaf surface using near-infrared reflectance spectroscopy. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 1061-1071	7.7	5
20	A framework for disentangling ecological mechanisms underlying the island species-area relationship. <i>Frontiers of Biogeography</i> , 2019 , 11,	2.9	25
19	The geometry of habitat fragmentation: Effects of species distribution patterns on extinction risk due to habitat conversion. <i>Ecology and Evolution</i> , 2019 , 9, 2775-2790	2.8	20
18	FragSAD: A database of diversity and species abundance distributions from habitat fragments. <i>Ecology</i> , 2019 , 100, e02861	4.6	3
17	Intraspecific trait variation increases species diversity in a trait-based grassland model. <i>Oikos</i> , 2019 , 128, 441-455	4	17
16	Measurement of Biodiversity (MoB): A method to separate the scale-dependent effects of species abundance distribution, density, and aggregation on diversity change. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 258-269	7.7	58

15	mobsim: An r package for the simulation and measurement of biodiversity across spatial scales. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 1401-1408	7.7	17
14	Embracing scale-dependence to achieve a deeper understanding of biodiversity and its change across communities. <i>Ecology Letters</i> , 2018 , 21, 1737-1751	10	117
13	Environmental heterogeneity drives fine-scale species assembly and functional diversity of annual plants in a semi-arid environment. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2017 , 24, 138-146	3.46	40
12	What drives the spatial distribution and dynamics of local species richness in tropical forest?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	25
11	Do abundance distributions and species aggregation correctly predict macroecological biodiversity patterns in tropical forests?. <i>Global Ecology and Biogeography</i> , 2016 , 25, 575-585	6.1	18
10	Moving beyond abundance distributions: neutral theory and spatial patterns in a tropical forest. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	75
9	Modelling the effect of belowground herbivory on grassland diversity. <i>Ecological Modelling</i> , 2014 , 273, 79-85	3	15
8	Scale-dependent species-area and species-isolation relationships: a review and a test study from a fragmented semi-arid agro-ecosystem. <i>Journal of Biogeography</i> , 2014 , 41, 1055-1069	4.1	20
7	Grazing response patterns indicate isolation of semi-natural European grasslands. <i>Oikos</i> , 2014 , 123, 599-612	4.12	27
6	Metacommunity, mainland-island system or island communities? Assessing the regional dynamics of plant communities in a fragmented landscape. <i>Ecography</i> , 2013 , 36, 842-853	6.5	37
5	Scale-dependent determinants of plant species richness in a semi-arid fragmented agro-ecosystem. <i>Journal of Vegetation Science</i> , 2011 , 22, 983-996	3.1	51
4	Reversed effects of grazing on plant diversity: the role of below-ground competition and size symmetry. <i>Oikos</i> , 2009 , 118, 1830-1843	4	65
3	Embracing scale-dependence to achieve a deeper understanding of biodiversity and its change across communities		2
2	MoB (Measurement of Biodiversity): a method to separate the scale-dependent effects of species abundance distribution, density, and aggregation on diversity change		2
1	mobsim: An R package for the simulation and measurement of biodiversity across spatial scales		2