Yoann Le Bagousse-Pinguet

List of Publications by Year
in descending order

38 papers	4,397 citations	172457 29 h-index	315739 38 g-index
41 all docs	41 docs citations	41 times ranked	6727 citing authors

#	Article	IF	Citations
1	Functional rarity and evenness are key facets of biodiversity to boost multifunctionality. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	46
2	Divergent aboveâ€•and belowâ€ground biodiversity pathways mediate disturbance impacts on temperate forest multifunctionality. Global Change Biology, 2021, 27, 2883-2894.	9.5	30
3	Biogeography of global drylands. New Phytologist, 2021, 231, 540-558.	7.3	145
4	Unveiling ecological assembly rules from commonalities in trait distributions. Ecology Letters, 2021, 24, 1668-1680.	6.4	21
5	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
6	Land-use history impacts functional diversity across multiple trophic groups. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1573-1579.	7.1	89
7	Intransitivity increases plant functional diversity by limiting dominance in drylands worldwide. Journal of Ecology, 2019, 107, 240-252.	4.0	8
8	Aridity preferences alter the relative importance of abiotic and biotic drivers on plant species abundance in global drylands. Journal of Ecology, 2019, 107, 190-202.	4.0	51
9	Phylogenetic, functional, and taxonomic richness have both positive and negative effects on ecosystem multifunctionality. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8419-8424.	7.1	199
10	Habitat filtering determines the functional niche occupancy of plant communities worldwide. Journal of Ecology, 2018, 106, 1001-1009.	4.0	66
11	Soil fungal abundance and plant functional traits drive fertile island formation in global drylands. Journal of Ecology, 2018, 106, 242-253.	4.0	123
12	A multi-scale approach reveals random phylogenetic patterns at the edge of vascular plant life. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 30, 22-30.	2.7	11
13	Testing the environmental filtering concept in global drylands. Journal of Ecology, 2017, 105, 1058-1069.	4.0	156
14	Functional trait diversity maximizes ecosystem multifunctionality. Nature Ecology and Evolution, 2017, 1, 0132-132.	7.8	277
15	SGH: stress or strain gradient hypothesis? Insights from an elevation gradient on the roof of the world. Annals of Botany, 2017, 120, 29-38.	2.9	56
16	The relative contribution of short-term versus long-term effects in shrub-understory species interactions under arid conditions. Oecologia, 2016, 180, 529-542.	2.0	34
17	Effects of long- and short-term management on the functional structure of meadows through species turnover and intraspecific trait variability. Oecologia, 2016, 180, 941-950.	2.0	42
18	Evaluating Functional Diversity: Missing Trait Data and the Importance of Species Abundance Structure and Data Transformation. PLoS ONE, 2016, 11, e0149270.	2.5	94

#	Article	IF	Citations
19	Linkage of plant trait space to successional age and species richness in boreal forest understorey vegetation. Journal of Ecology, 2015, 103, 1610-1620.	4.0	32
20	A global metaâ€analysis of the relative extent of intraspecific trait variation in plant communities. Ecology Letters, 2015, 18, 1406-1419.	6.4	768
21	Functional diversity enhances the resistance of ecosystem multifunctionality to aridity in <scp>M</scp>editerranean drylands. New Phytologist, 2015, 206, 660-671.	7.3	167
22	Traits of neighbouring plants and space limitation determine intraspecific trait variability in semiâ€arid shrublands. Journal of Ecology, 2015, 103, 1647-1657.	4.0	39
23	Complementary Sex Determination in the Parasitic Wasp Diachasmimorpha longicaudata. PLoS ONE, 2015, 10, e0119619.	2.5	11
24	Facilitation displaces hotspots of diversity and allows communities to persist in heavily stressed and disturbed environments. Journal of Vegetation Science, 2014, 25, 66-76.	2.2	33
25	Species richness of limestone grasslands increases with trait overlap: evidence from withinâ€•and betweenâ€•species functional diversity partitioning. Journal of Ecology, 2014, 102, 466-474.	4.0	57
26	Phenotypic differentiation within a foundation grass species correlates with species richness in a subalpine community. Oecologia, 2014, 176, 533-544.	2.0	25
27	Importance, but not intensity of plant interactions relates to species diversity under the interplay of stress and disturbance. Oikos, 2014, 123, 777-785.	2.7	48
28	A global analysis of bidirectional interactions in alpine plant communities shows facilitators experiencing strong reciprocal fitness costs. New Phytologist, 2014, 202, 95-105.	7.3	79
29	Two alternatives to the stressâ€gradient hypothesis at the edge of life: the collapse of facilitation and the switch from facilitation to competition. Journal of Vegetation Science, 2014, 25, 609-613.	2.2	157
30	Uncovering multiscale effects of aridity and biotic interactions on the functional structure of Mediterranean shrublands. Journal of Ecology, 2013, 101, 637-649.	4.0	131
31	Disentangling the effects of water and nutrients for studying the outcome of plant interactions in sand dune ecosystems. Journal of Vegetation Science, 2013, 24, 375-383.	2.2	40
32	The role of biotic interactions for the early establishment of oak seedlings in coastal dune forest communities. Forest Ecology and Management, 2013, 297, 67-74.	3.2	45
33	Comment on â€œProductivity Is a Poor Predictor of Plant Species Richnessâ€• Science, 2012, 335, 1441-1441.	12.6	49
34	The interplay of stress and mowing disturbance for the intensity and importance of plant interactions in dry calcareous grasslands. Annals of Botany, 2012, 110, 821-828.	2.9	62
35	Indirect facilitation promotes macrophyte survival and growth in freshwater ecosystems threatened by eutrophication. Journal of Ecology, 2012, 100, 530-538.	4.0	68
36	Release from competition and protection determine the outcome of plant interactions along a grazing gradient. Oikos, 2012, 121, 95-101.	2.7	51

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37	Integrating climate change into calcareous grassland management. Journal of Applied Ecology, 2012, 49, 795-802.	4.0	21
38	Traitâ€mediated effect of arbuscular mycorrhiza on the competitive effect and response of a monopolistic species. Functional Ecology, 2010, 24, 1122-1132.	3.6	22