

# Yoann Le Bagousse-Pinguet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5084129/publications.pdf>

Version: 2024-02-01

38  
papers

4,397  
citations

172386

29  
h-index

315616

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, .	3.3	46
2	Divergent above- and below-ground biodiversity pathways mediate disturbance impacts on temperate forest multifunctionality. Global Change Biology, 2021, 27, 2883-2894.	4.2	30
3	Biogeography of global drylands. New Phytologist, 2021, 231, 540-558.	3.5	145
4	Unveiling ecological assembly rules from commonalities in trait distributions. Ecology Letters, 2021, 24, 1668-1680.	3.0	21
5	TRY plant trait database " enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	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.	3.3	89
7	Intransitivity increases plant functional diversity by limiting dominance in drylands worldwide. Journal of Ecology, 2019, 107, 240-252.	1.9	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.	1.9	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.	3.3	199
10	Habitat filtering determines the functional niche occupancy of plant communities worldwide. Journal of Ecology, 2018, 106, 1001-1009.	1.9	66
11	Soil fungal abundance and plant functional traits drive fertile island formation in global drylands. Journal of Ecology, 2018, 106, 242-253.	1.9	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.	1.1	11
13	Testing the environmental filtering concept in global drylands. Journal of Ecology, 2017, 105, 1058-1069.	1.9	156
14	Functional trait diversity maximizes ecosystem multifunctionality. Nature Ecology and Evolution, 2017, 1, 0132-132.	3.4	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.	1.4	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.	0.9	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.	0.9	42
18	Evaluating Functional Diversity: Missing Trait Data and the Importance of Species Abundance Structure and Data Transformation. PLoS ONE, 2016, 11, e0149270.	1.1	94

#	ARTICLE	IF	CITATIONS
19	Linkage of plant trait space to successional age and species richness in boreal forest understorey vegetation. <i>Journal of Ecology</i> , 2015, 103, 1610-1620.	1.9	32
20	A global meta-analysis of the relative extent of intraspecific trait variation in plant communities. <i>Ecology Letters</i> , 2015, 18, 1406-1419.	3.0	768
21	Functional diversity enhances the resistance of ecosystem multifunctionality to aridity in Mediterranean drylands. <i>New Phytologist</i> , 2015, 206, 660-671.	3.5	167
22	Traits of neighbouring plants and space limitation determine intraspecific trait variability in semi-arid shrublands. <i>Journal of Ecology</i> , 2015, 103, 1647-1657.	1.9	39
23	Complementary Sex Determination in the Parasitic Wasp <i>Diachasmimorpha longicaudata</i> . <i>PLoS ONE</i> , 2015, 10, e0119619.	1.1	11
24	Facilitation displaces hotspots of diversity and allows communities to persist in heavily stressed and disturbed environments. <i>Journal of Vegetation Science</i> , 2014, 25, 66-76.	1.1	33
25	Species richness of limestone grasslands increases with trait overlap: evidence from within- and between-species functional diversity partitioning. <i>Journal of Ecology</i> , 2014, 102, 466-474.	1.9	57
26	Phenotypic differentiation within a foundation grass species correlates with species richness in a subalpine community. <i>Oecologia</i> , 2014, 176, 533-544.	0.9	25
27	Importance, but not intensity of plant interactions relates to species diversity under the interplay of stress and disturbance. <i>Oikos</i> , 2014, 123, 777-785.	1.2	48
28	A global analysis of bidirectional interactions in alpine plant communities shows facilitators experiencing strong reciprocal fitness costs. <i>New Phytologist</i> , 2014, 202, 95-105.	3.5	79
29	Two alternatives to the stress-gradient hypothesis at the edge of life: the collapse of facilitation and the switch from facilitation to competition. <i>Journal of Vegetation Science</i> , 2014, 25, 609-613.	1.1	157
30	Uncovering multiscale effects of aridity and biotic interactions on the functional structure of Mediterranean shrublands. <i>Journal of Ecology</i> , 2013, 101, 637-649.	1.9	131
31	Disentangling the effects of water and nutrients for studying the outcome of plant interactions in sand dune ecosystems. <i>Journal of Vegetation Science</i> , 2013, 24, 375-383.	1.1	40
32	The role of biotic interactions for the early establishment of oak seedlings in coastal dune forest communities. <i>Forest Ecology and Management</i> , 2013, 297, 67-74.	1.4	45
33	Comment on "Productivity Is a Poor Predictor of Plant Species Richness". <i>Science</i> , 2012, 335, 1441-1441.	6.0	49
34	The interplay of stress and mowing disturbance for the intensity and importance of plant interactions in dry calcareous grasslands. <i>Annals of Botany</i> , 2012, 110, 821-828.	1.4	62
35	Indirect facilitation promotes macrophyte survival and growth in freshwater ecosystems threatened by eutrophication. <i>Journal of Ecology</i> , 2012, 100, 530-538.	1.9	68
36	Release from competition and protection determine the outcome of plant interactions along a grazing gradient. <i>Oikos</i> , 2012, 121, 95-101.	1.2	51

#	ARTICLE	IF	CITATIONS
37	Integrating climate change into calcareous grassland management. <i>Journal of Applied Ecology</i> , 2012, 49, 795-802.	1.9	21
38	Trait-mediated effect of arbuscular mycorrhiza on the competitive effect and response of a monopolistic species. <i>Functional Ecology</i> , 2010, 24, 1122-1132.	1.7	22