

Gianluigi Ottaviani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8630292/publications.pdf>

Version: 2024-02-01

34
papers

1,806
citations

567281

15
h-index

395702

33
g-index

38
all docs

38
docs citations

38
times ranked

4014
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database “ enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
2	Belowground plant functional ecology: Towards an integrated perspective. <i>Functional Ecology</i> , 2018, 32, 2115-2126.	3.6	109
3	Handbook of standardized protocols for collecting plant modularity traits. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 40, 125485.	2.7	81
4	Linking Plant Functional Ecology to Island Biogeography. <i>Trends in Plant Science</i> , 2020, 25, 329-339.	8.8	70
5	On Plant Modularity Traits: Functions and Challenges. <i>Trends in Plant Science</i> , 2017, 22, 648-651.	8.8	57
6	The Neglected Belowground Dimension of Plant Dominance. <i>Trends in Ecology and Evolution</i> , 2020, 35, 763-766.	8.7	55
7	Effect of spatial and temporal patterns of stress and disturbance intensities in a sub-Mediterranean grassland. <i>Plant Biosystems</i> , 2012, 146, 352-367.	1.6	41
8	Towards an eco-evolutionary understanding of endemism hotspots and refugia. <i>Annals of Botany</i> , 2018, 122, 927-934.	2.9	33
9	Abiotic and biotic changes due to spread of <i>Brachypodium pinnatifidum</i> (DC.) Roem. & Schult. in sub-Mediterranean meadows. <i>Community Ecology</i> , 2011, 12, 117-125.	0.9	28
10	Impact of alien species on dune systems: a multifaceted approach. <i>Biodiversity and Conservation</i> , 2014, 23, 2645-2668.	2.6	27
11	Incorporating clonality into the plant ecology research agenda. <i>Trends in Plant Science</i> , 2021, 26, 1236-1247.	8.8	25
12	Functional and coenological changes under different long-term management conditions in Apennine meadows (central Italy). <i>Phytocoenologia</i> , 2011, 41, 45-58.	0.5	23
13	Soil depth shapes plant functional diversity in granite outcrops vegetation of Southwestern Australia. <i>Plant Ecology and Diversity</i> , 2016, 9, 263-276.	2.4	23
14	A multifaceted approach for beech forest conservation: Environmental drivers of understory plant diversity. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 256, 85-91.	1.2	23
15	Are belowground clonal traits good predictors of ecosystem functioning in temperate grasslands?. <i>Functional Ecology</i> , 2021, 35, 787-795.	3.6	19
16	Climate is the main driver of clonal and bud bank traits in Italian forest understories. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 40, 125478.	2.7	17
17	What defines insularity for plants in edaphic islands?. <i>Ecography</i> , 2021, 44, 1249-1258.	4.5	17
18	Habitat heterogeneity promotes intraspecific trait variability of shrub species in Australian granite inselbergs. <i>Folia Geobotanica</i> , 2018, 53, 133-145.	0.9	14

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19	Strong impact of management regimes on rhizome biomass across Central European temperate grasslands. <i>Ecological Applications</i> , 2021, 31, e02317.	3.8	12
20	Quantifying the effects of ecological constraints on trait expression using novel trait gradient analysis parameters. <i>Ecology and Evolution</i> , 2018, 8, 435-440.	1.9	10
21	Intraspecific variability of specific leaf area fosters the persistence of understorey specialists across a light availability gradient. <i>Plant Biology</i> , 2021, 23, 212-216.	3.8	10
22	Insularity promotes plant persistence strategies in edaphic island systems. <i>Global Ecology and Biogeography</i> , 2022, 31, 753-764.	5.8	10
23	Contrasting intraspecific foliar trait responses to stressful conditions of two rhizomatous granite outcrop species at different scales in southwestern Australia. <i>Austral Ecology</i> , 2018, 43, 249-256.	1.5	9
24	Climate warming and extended droughts drive establishment and growth dynamics in temperate grassland plants. <i>Agricultural and Forest Meteorology</i> , 2022, 313, 108762.	4.8	9
25	Intra- and inter-specific leaf trait responses of understorey species to changes in forest maturity. <i>Forest Ecology and Management</i> , 2022, 506, 119977.	3.2	9
26	Woody species in resource-rich microrefugia of granite outcrops display unique functional signatures. <i>Austral Ecology</i> , 2019, 44, 575-580.	1.5	7
27	Sticking around: Plant persistence strategies on edaphic islands. <i>Diversity and Distributions</i> , 2022, 28, 1850-1862.	4.1	7
28	Biogeographic deconstruction of phylogenetic and functional diversity provides insights into the formation of regional assemblages. <i>Ecography</i> , 2022, 2022, .	4.5	6
29	Half of the (big) picture is missing!. <i>American Journal of Botany</i> , 2020, 107, 385-389.	1.7	5
30	Precipitation seasonality promotes acquisitive and variable leaf water-economics traits in southwest Australian granite outcrop species. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 411-417.	1.6	5
31	Switching from monocarpic to polycarpic perennial life histories in a cold climate: a commentary on "Physiological costs of clonal growth". <i>Annals of Botany</i> , 2020, 125, iv-v.	2.9	2
32	The species richness-productivity relationship varies among regions and productivity estimates, but not with spatial resolution. <i>Oikos</i> , 2021, 130, 1704-1714.	2.7	2
33	Community weighted mean trait data of Italian forest understories. <i>Data in Brief</i> , 2020, 28, 104947.	1.0	0
34	Editorial: Roles and Implications of Functional Traits and Phylogenies to Characterize Refugia Under Increasing Climate Variability. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	0