

# Giandiego Campetella

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

3,320  
citations

279701

23  
h-index

189801

50  
g-index

59  
all docs

59  
docs citations

59  
times ranked

6402  
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
2	Plant functional trait change across a warming tundra biome. <i>Nature</i> , 2018, 562, 57-62.	13.7	451
3	Worldwide evidence of a unimodal relationship between productivity and plant species richness. <i>Science</i> , 2015, 349, 302-305.	6.0	315
4	Effects of extreme drought on specific leaf area of grassland species: A meta-analysis of experimental studies in temperate and sub-Mediterranean systems. <i>Global Change Biology</i> , 2017, 23, 2473-2481.	4.2	165
5	Mapping local and global variability in plant trait distributions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10937-E10946.	3.3	159
6	Climatic and soil factors explain the two-dimensional spectrum of global plant trait variation. <i>Nature Ecology and Evolution</i> , 2022, 6, 36-50.	3.4	89
7	Species richness effects on grassland recovery from drought depend on community productivity in a multisite experiment. <i>Ecology Letters</i> , 2017, 20, 1405-1413.	3.0	82
8	Patterns of plant trait–environment relationships along a forest succession chronosequence. <i>Agriculture, Ecosystems and Environment</i> , 2011, 145, 38-48.	2.5	79
9	Intraspecific phenotypic variability of plant functional traits in contrasting mountain grasslands habitats. <i>Biodiversity and Conservation</i> , 2013, 22, 2353-2374.	1.2	57
10	The Neglected Belowground Dimension of Plant Dominance. <i>Trends in Ecology and Evolution</i> , 2020, 35, 763-766.	4.2	55
11	Global plant trait relationships extend to the climatic extremes of the tundra biome. <i>Nature Communications</i> , 2020, 11, 1351.	5.8	52
12	Traditional plant functional groups explain variation in economic but not size-related traits across the tundra biome. <i>Global Ecology and Biogeography</i> , 2019, 28, 78-95.	2.7	49
13	Changes of vascular plant diversity along a chronosequence of beech coppice stands, central Apennines, Italy. <i>Plant Biosystems</i> , 2008, 142, 572-583.	0.8	48
14	Plant–environment interactions through a functional traits perspective: a review of Italian studies. <i>Plant Biosystems</i> , 2019, 153, 853-869.	0.8	48
15	The response of sub-Mediterranean grasslands to rainfall variation is influenced by early season precipitation. <i>Applied Vegetation Science</i> , 2016, 19, 611-619.	0.9	40
16	Context-dependent assembly rules and the role of dominating grasses in semi-natural abandoned sub-Mediterranean grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2014, 182, 113-122.	2.5	38
17	How plot shape and spatial arrangement affect plant species richness counts: implications for sampling design and rarefaction analyses. <i>Journal of Vegetation Science</i> , 2016, 27, 692-703.	1.1	38
18	Evaluation of factors affecting gully headcut location using summary statistics and the maximum entropy model: Golestan Province, NE Iran. <i>Science of the Total Environment</i> , 2019, 677, 281-298.	3.9	36

#	ARTICLE	IF	CITATIONS
19	Climate change response of vegetation across climatic zones in Italy. <i>Climate Research</i> , 2017, 71, 249-262.	0.4	34
20	Patterns of functional clonal traits and clonal growth modes in contrasting grasslands in the central Apennines, Italy. <i>Journal of Vegetation Science</i> , 2005, 16, 29-36.	1.1	25
21	Patterns of Clonal Growth Modes Along a Chronosequence of Post-Coppice Forest Regeneration in Beech Forests of Central Italy. <i>Folia Geobotanica</i> , 2011, 46, 271-288.	0.4	25
22	Scale-dependent effects of coppicing on the species pool of late successional beech forests in the central Apennines, Italy. <i>Applied Vegetation Science</i> , 2016, 19, 474-485.	0.9	25
23	Relationships between understory specialist species and local management practices in coppiced forests – Evidence from the Italian Apennines. <i>Forest Ecology and Management</i> , 2017, 385, 35-45.	1.4	25
24	Incorporating clonality into the plant ecology research agenda. <i>Trends in Plant Science</i> , 2021, 26, 1236-1247.	4.3	25
25	Will interannual variability in sand grassland communities increase with climate change?. <i>Community Ecology</i> , 2008, 9, 13-21.	0.5	24
26	ICP-Forests (International Co-operative Programme on Assessment and Monitoring of Air Pollution) Environmental Monitoring, 2009, 11, 782.	2.1	23
27	Adaptation of the Canadian Fire Weather Index to Mediterranean forests. <i>Natural Hazards</i> , 2015, 75, 1795-1810.	1.6	22
28	Spatial point pattern analysis of piping erosion in loess-derived soils in Golestan Province, Iran. <i>Geoderma</i> , 2018, 328, 20-29.	2.3	22
29	Can management intensity be more important than environmental factors? A case study along an extreme elevation gradient from central Italian cereal fields. <i>Plant Biosystems</i> , 2013, 147, 343-353.	0.8	20
30	Coenostate descriptors and spatial dependence in vegetation - derived variables in monitoring forest dynamics and assembly rules. <i>Community Ecology</i> , 2004, 5, 105-114.	0.5	18
31	Effects of climate, soil, forest structure and land use on the functional composition of the understorey in Italian forests. <i>Journal of Vegetation Science</i> , 2019, 30, 1110-1121.	1.1	18
32	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, 1254-78.	1.1	17
33	Plant functional traits are correlated with species persistence in the herb layer of old-growth beech forests. <i>Scientific Reports</i> , 2020, 10, 19253.	1.6	17
34	Unravelling mechanisms of short-term vegetation dynamics in complex coppice forest systems. <i>Folia Geobotanica</i> , 2017, 52, 71-81.	0.4	16
35	Not a melting pot: Plant species aggregate in their non-native range. <i>Global Ecology and Biogeography</i> , 2020, 29, 482-490.	2.7	16
36	Unimodal Relationships of Understory Alpha and Beta Diversity along Chronosequence in Coppiced and Unmanaged Beech Forests. <i>Diversity</i> , 2020, 12, 101.	0.7	12

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37	Exploring patterns of beta-diversity to test the consistency of biogeographical boundaries: A case study across forest plant communities of Italy. <i>Ecology and Evolution</i> , 2019, 9, 11716-11723.	0.8	11
38	Contrasting patterns in leaf traits of Mediterranean shrub communities along an elevation gradient: measurements matter. <i>Plant Ecology</i> , 2019, 220, 765-776.	0.7	11
39	Fine-scale spatial pattern analysis of the herb layer of woodland vegetation using information theory. <i>Plant Biosystems</i> , 1999, 133, 277-288.	0.8	10
40	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.	1.8	10
41	Large standard trees and deadwood promote functional divergence in the understory of beech coppice forests. <i>Forest Ecology and Management</i> , 2021, 494, 119324.	1.4	9
42	Intra- and inter-specific leaf trait responses of understorey species to changes in forest maturity. <i>Forest Ecology and Management</i> , 2022, 506, 119977.	1.4	9
43	Plant diversity changes in a nature reserve: a probabilistic sampling method for quantitative assessments. <i>Nature Conservation</i> , 0, 34, 145-161.	0.0	8
44	Biogeographic deconstruction of phylogenetic and functional diversity provides insights into the formation of regional assemblages. <i>Ecography</i> , 2022, 2022, .	2.1	6
45	Spatial patterns of plant species, guilds and biological types in the regenerative phase of a beech coppice (Torricchio Mountain Nature Reserve, Apennines, Italy). <i>Acta Botanica Gallica</i> , 2005, 152, 529-543.	0.9	5
46	Response to Comment on "Worldwide evidence of a unimodal relationship between productivity and plant species richness". <i>Science</i> , 2016, 351, 457-457.	6.0	5
47	comspat: an R package to analyze within-community spatial organization using species combinations. <i>Ecography</i> , 2022, 2022, .	2.1	4
48	Management of forest vegetation data series: the role of database in the frame of Quality Assurance procedure. <i>Journal of Limnology</i> , 2002, 61, 100.	0.3	2
49	Clonal Growth Modes in Plant Communities Along a Stress Gradient in the Central Apennines, Italy. , 2006, , 289-308.		2
50	High-Resolution Transect Sampling and Multiple Scale Diversity Analyses for Evaluating Grassland Resilience to Climatic Extremes. <i>Land</i> , 2022, 11, 378.	1.2	2
51	Il Dinamismo Della Vegetazione del Sottobosco in Aree Permanenti di Studio. <i>Giornale Botanico Italiano</i> (Florence, Italy: 1962), 1996, 130, 501-501.	0.0	1
52	European Grasslands Gradient and the Resilience to Extreme Climate Events: The SIGNAL Project in Italy. <i>Geobotany Studies</i> , 2018, , 175-186.	0.2	1
53	An updated checklist of the vascular flora of Montagna di Torricchio State Nature Reserve (Marche,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.0	1
54	Aspetti Strutturali di Un Ceduo Invecchiato di Faggio Nella Riserva Naturale di Torricchio. <i>Giornale Botanico Italiano</i> (Florence, Italy: 1962), 1994, 128, 345-345.	0.0	0

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55	L'Influenza del Popolamento Arboreo Sullo Strato Erbaceo Nella Foresta del Gariglione (Parco) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 346-346.	0.0	0
56	Distinctive and Pleasant â€“ Transformative Concepts in Landscape Ecology: Social Ecological Green Spaces (SEGS). Urban Book Series, 2018, , 103-107.	0.3	0
57	Community weighted mean trait data of Italian forest understories. Data in Brief, 2020, 28, 104947.	0.5	0
58	Species trait syndrome drives the leavesâ€™ functional variations of dominant grasses to modifications in summer water supply. Plant Ecology, 2021, 222, 1113-1128.	0.7	0