

Cyrille Violle

List of Publications by Citations

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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.

160
papers

11,917
citations

51
h-index

108
g-index

172
ext. papers

15,770
ext. citations

6.6
avg, IF

6.36
L-index

#	Paper	IF	Citations
160	Let the concept of trait be functional!. <i>Oikos</i> , 2007 , 116, 882-892	4	2260
159	The return of the variance: intraspecific variability in community ecology. <i>Trends in Ecology and Evolution</i> , 2012 , 27, 244-52	10.9	926
158	A global meta-analysis of the relative extent of intraspecific trait variation in plant communities. <i>Ecology Letters</i> , 2015 , 18, 1406-19	10	485
157	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , 2020 , 26, 119-188	11.4	399
156	The emergence and promise of functional biogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13690-6	11.5	391
155	Intraspecific variability and trait-based community assembly. <i>Journal of Ecology</i> , 2010 , 98, 1134-1140	6	383
154	When and how should intraspecific variability be considered in trait-based plant ecology?. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2011 , 13, 217-225	3	351
153	The n-dimensional hypervolume. <i>Global Ecology and Biogeography</i> , 2014 , 23, 595-609	6.1	339
152	Phylogenetic limiting similarity and competitive exclusion. <i>Ecology Letters</i> , 2011 , 14, 782-7	10	293
151	Community assembly along a soil depth gradient: contrasting patterns of plant trait convergence and divergence in a Mediterranean rangeland. <i>Journal of Ecology</i> , 2012 , 100, 1422-1433	6	238
150	Functional trait space and the latitudinal diversity gradient. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13745-50	11.5	220
149	Global trait-environment relationships of plant communities. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1906-1917	11.7	209
148	Scaling from Traits to Ecosystems. <i>Advances in Ecological Research</i> , 2015 , 249-318	4.6	183
147	A global Fine-Root Ecology Database to address below-ground challenges in plant ecology. <i>New Phytologist</i> , 2017 , 215, 15-26	9.8	168
146	Intraspecific trait variability mediates the response of subalpine grassland communities to extreme drought events. <i>Journal of Ecology</i> , 2014 , 102, 45-53	6	167
145	Increasing crop heterogeneity enhances multitrophic diversity across agricultural regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16442-16447	11.5	157
144	Venation networks and the origin of the leaf economics spectrum. <i>Ecology Letters</i> , 2011 , 14, 91-100	10	156

143	Climate, soil and plant functional types as drivers of global fine-root trait variation. <i>Journal of Ecology</i> , 2017 , 105, 1182-1196	6	155
142	Functional Rarity: The Ecology of Outliers. <i>Trends in Ecology and Evolution</i> , 2017 , 32, 356-367	10.9	145
141	The bien r package: A tool to access the Botanical Information and Ecology Network (BIEN) database. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 373-379	7.7	131
140	Competition, traits and resource depletion in plant communities. <i>Oecologia</i> , 2009 , 160, 747-55	2.9	130
139	Plant domestication through an ecological lens. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 463-9	10.9	127
138	Are trait-based species rankings consistent across data sets and spatial scales?. <i>Journal of Vegetation Science</i> , 2014 , 25, 235-247	3.1	104
137	Intra-specific and inter-specific variation in specific leaf area reveal the importance of abiotic and biotic drivers of species diversity across elevation and latitude. <i>Journal of Vegetation Science</i> , 2013 , 24, 921-931	3.1	103
136	New approaches for delineating n-dimensional hypervolumes. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 305-319	7.7	102
135	sPlot: A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , 2019 , 30, 161-186	3.1	96
134	Complementary effects of species and genetic diversity on productivity and stability of sown grasslands. <i>Nature Plants</i> , 2015 , 1, 15033	11.5	95
133	Decreases in average bacterial community rRNA operon copy number during succession. <i>ISME Journal</i> , 2016 , 10, 1147-56	11.9	94
132	The commonness of rarity: Global and future distribution of rarity across land plants. <i>Science Advances</i> , 2019 , 5, eaaz0414	14.3	94
131	Habitat area and climate stability determine geographical variation in plant species range sizes. <i>Ecology Letters</i> , 2013 , 16, 1446-54	10	93
130	Experimental demonstration of the importance of competition under disturbance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12925-9	11.5	93
129	A common genetic basis to the origin of the leaf economics spectrum and metabolic scaling allometry. <i>Ecology Letters</i> , 2012 , 15, 1149-57	10	91
128	Diversity in Plant Breeding: A New Conceptual Framework. <i>Trends in Plant Science</i> , 2015 , 20, 604-613	13.1	88
127	Mechanisms of ecological succession: insights from plant functional strategies. <i>Oikos</i> , 2012 , 121, 1761-1770	11.9	87
126	Effectiveness of ecological rescue for altered soil microbial communities and functions. <i>ISME Journal</i> , 2017 , 11, 272-283	11.9	86

125	Allocation, morphology, physiology, architecture: the multiple facets of plant above- and below-ground responses to resource stress. <i>New Phytologist</i> , 2018 , 219, 1338-1352	9.8	81
124	Shifts in trait means and variances in North American tree assemblages: species richness patterns are loosely related to the functional space. <i>Ecography</i> , 2015 , 38, 649-658	6.5	75
123	Towards a thesaurus of plant characteristics: an ecological contribution. <i>Journal of Ecology</i> , 2017 , 105, 298-309	6	75
122	Relating root structure and anatomy to whole-plant functioning in 14 herbaceous Mediterranean species. <i>New Phytologist</i> , 2007 , 173, 313-21	9.8	74
121	Interspecific integration of trait dimensions at local scales: the plant phenotype as an integrated network. <i>Journal of Ecology</i> , 2017 , 105, 1775-1790	6	73
120	What it takes to invade grassland ecosystems: traits, introduction history and filtering processes. <i>Ecology Letters</i> , 2016 , 19, 219-29	10	69
119	Litter quality and decomposability of species from a Mediterranean succession depend on leaf traits but not on nitrogen supply. <i>Annals of Botany</i> , 2009 , 104, 1151-61	4.1	68
118	Limited sampling hampers "big data" estimation of species richness in a tropical biodiversity hotspot. <i>Ecology and Evolution</i> , 2015 , 5, 807-20	2.8	67
117	A network approach for inferring species associations from co-occurrence data. <i>Ecography</i> , 2016 , 39, 1139-1150	6.5	66
116	Megafauna extinction, tree species range reduction, and carbon storage in Amazonian forests. <i>Ecography</i> , 2016 , 39, 194-203	6.5	64
115	Spatial patterns and climate relationships of major plant traits in the New World differ between woody and herbaceous species. <i>Journal of Biogeography</i> , 2018 , 45, 895-916	4.1	57
114	Assessing the causes and scales of the leaf economics spectrum using venation networks in <i>Populus tremuloides</i> . <i>Journal of Ecology</i> , 2013 , 101, 981-989	6	56
113	Open Science principles for accelerating trait-based science across the Tree of Life. <i>Nature Ecology and Evolution</i> , 2020 , 4, 294-303	12.3	54
112	Plant functional traits capture species richness variations along a flooding gradient. <i>Oikos</i> , 2011 , 120, 389-398	4	54
111	Less favourable climates constrain demographic strategies in plants. <i>Ecology Letters</i> , 2017 , 20, 969-980	10	53
110	Re-growing a tropical dry forest: functional plant trait composition and community assembly during succession. <i>Functional Ecology</i> , 2016 , 30, 1006-1013	5.6	52
109	Linking environmental filtering and disequilibrium to biogeography with a community climate framework. <i>Ecology</i> , 2015 , 96, 972-85	4.6	50
108	Patterns and drivers of plant functional group dominance across the Western Hemisphere: a macroecological re-assessment based on a massive botanical dataset. <i>Botanical Journal of the Linnean Society</i> , 2016 , 180, 141-160	2.2	50

107	Intraspecific seed trait variations and competition: passive or adaptive response?. <i>Functional Ecology</i> , 2009 , 23, 612-620	5.6	49
106	funrar: An R package to characterize functional rarity. <i>Diversity and Distributions</i> , 2017 , 23, 1365-1371	5	46
105	cati: an R package using functional traits to detect and quantify multi-level community assembly processes. <i>Ecography</i> , 2016 , 39, 699-708	6.5	41
104	Adaptive diversification of growth allometry in the plant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3416-3421	11.5	40
103	Effects of litter and standing biomass on growth and reproduction of two annual species in a Mediterranean old-field. <i>Journal of Ecology</i> , 2006 , 94, 196-205	6	39
102	Shifts in plant functional strategies over the course of wheat domestication. <i>Journal of Applied Ecology</i> , 2018 , 55, 25-37	5.8	37
101	Testing models for the leaf economics spectrum with leaf and whole-plant traits in <i>Arabidopsis thaliana</i> . <i>AoB PLANTS</i> , 2015 , 7,	2.9	35
100	Land-use history impacts functional diversity across multiple trophic groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1573-1579	11.5	34
99	When, where and how does microbial community composition matter?. <i>Frontiers in Microbiology</i> , 2014 , 5, 497	5.7	33
98	Phylogenetic patterns and phenotypic profiles of the species of plants and mammals farmed for food. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1808-1817	12.3	33
97	Vegetation ecology meets ecosystem science: Permanent grasslands as a functional biogeography case study. <i>Science of the Total Environment</i> , 2015 , 534, 43-51	10.2	30
96	Late Quaternary climate legacies in contemporary plant functional composition. <i>Global Change Biology</i> , 2018 , 24, 4827-4840	11.4	29
95	Multiple facets of diversity effects on plant productivity: Species richness, functional diversity, species identity and intraspecific competition. <i>Functional Ecology</i> , 2020 , 34, 287-298	5.6	29
94	Trait structure and redundancy determine sensitivity to disturbance in marine fish communities. <i>Global Change Biology</i> , 2019 , 25, 3424-3437	11.4	28
93	What makes a weed a weed? A large-scale evaluation of arable weeds through a functional lens. <i>American Journal of Botany</i> , 2019 , 106, 90-100	2.7	28
92	Regional and global shifts in crop diversity through the Anthropocene. <i>PLoS ONE</i> , 2019 , 14, e0209788	3.7	27
91	A Multidimensional Functional Trait Approach Reveals the Imprint of Environmental Stress in Mediterranean Woody Communities. <i>Ecosystems</i> , 2018 , 21, 248-262	3.9	26
90	CSR ecological strategies and plant mating systems: outcrossing increases with competitiveness but stress-tolerance is related to mixed mating. <i>Oikos</i> , 2016 , 125, 1296-1303	4	26

89	Sensitivity of community-level trait-environment relationships to data representativeness: A test for functional biogeography. <i>Global Ecology and Biogeography</i> , 2017 , 26, 729-739	6.1	25
88	Plant community structure and nitrogen inputs modulate the climate signal on leaf traits. <i>Global Ecology and Biogeography</i> , 2017 , 26, 1138-1152	6.1	25
87	Configurational crop heterogeneity increases within-field plant diversity. <i>Journal of Applied Ecology</i> , 2020 , 57, 654-663	5.8	24
86	Areas of global importance for conserving terrestrial biodiversity, carbon and water. <i>Nature Ecology and Evolution</i> , 2021 , 5, 1499-1509	12.3	24
85	Differential impacts of plant interactions on herbaceous species recruitment: disentangling factors controlling emergence, survival and growth of seedlings. <i>Oecologia</i> , 2009 , 159, 817-25	2.9	23
84	ecolottery: Simulating and assessing community assembly with environmental filtering and neutral dynamics in R. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 693-703	7.7	22
83	Coping with drought: root trait variability within the perennial grass <i>Dactylis glomerata</i> captures a trade-off between dehydration avoidance and dehydration tolerance. <i>Plant and Soil</i> , 2019 , 434, 327-342	4.2	22
82	Plant Functional Diversity and the Biogeography of Biomes in North and South America. <i>Frontiers in Ecology and Evolution</i> , 2018 , 6,	3.7	22
81	Functional rarity of coral reef fishes at the global scale: Hotspots and challenges for conservation. <i>Biological Conservation</i> , 2018 , 226, 288-299	6.2	21
80	Predicting trait-environment relationships for venation networks along an Andes-Amazon elevation gradient. <i>Ecology</i> , 2017 , 98, 1239-1255	4.6	20
79	Global distribution and conservation status of ecologically rare mammal and bird species. <i>Nature Communications</i> , 2020 , 11, 5071	17.4	20
78	Nonlinear phenotypic variation uncovers the emergence of heterosis in <i>Arabidopsis thaliana</i> . <i>PLoS Biology</i> , 2019 , 17, e3000214	9.7	19
77	Functional traits modulate plant community responses to alien plant invasion. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019 , 37, 53-63	3	19
76	Biogeochemical and Ecomorphological Niche Segregation of Mediterranean Woody Species along a Local Gradient. <i>Frontiers in Plant Science</i> , 2017 , 8, 1242	6.2	19
75	Allocation strategies and seed traits are hardly affected by nitrogen supply in 18 species differing in successional status. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2009 , 11, 267-283	3	19
74	Occupancy and overlap in trait space along a successional gradient in Mediterranean old fields. <i>American Journal of Botany</i> , 2016 , 103, 1050-60	2.7	18
73	Isoprene emission structures tropical tree biogeography and community assembly responses to climate. <i>New Phytologist</i> , 2018 , 220, 435-446	9.8	17
72	Inclusion of vein traits improves predictive power for the leaf economic spectrum: a response to Sack et al. (2013). <i>Journal of Experimental Botany</i> , 2014 , 65, 5109-14	7	17

71	Plant-O-Matic: a dynamic and mobile guide to all plants of the Americas. <i>Methods in Ecology and Evolution</i> , 2016 , 7, 960-965	7.7	17
70	The evolution of bacterial cell size: the internal diffusion-constraint hypothesis. <i>ISME Journal</i> , 2017 , 11, 1559-1568	11.9	16
69	Leaf economics and slow-fast adaptation across the geographic range of <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2019 , 9, 10758	4.9	16
68	Geographic scale and disturbance influence intraspecific trait variability in leaves and roots of North American understory plants. <i>Functional Ecology</i> , 2019 , 33, 1771-1784	5.6	16
67	How relevant are instantaneous measurements for assessing resource depletion under plant cover? A test on light and soil water availability in 18 herbaceous communities. <i>Functional Ecology</i> , 2007 , 21, 185-190	5.6	16
66	Crop mixtures: does niche complementarity hold for belowground resources? An experimental test using rice genotypic pairs. <i>Plant and Soil</i> , 2018 , 424, 187-202	4.2	16
65	Climate as a driver of adaptive variations in ecological strategies in <i>Arabidopsis thaliana</i> . <i>Annals of Botany</i> , 2018 , 122, 935-945	4.1	16
64	Embolism and mechanical resistances play a key role in dehydration tolerance of a perennial grass <i>Dactylis glomerata</i> L. <i>Annals of Botany</i> , 2018 , 122, 325-336	4.1	16
63	Generalist plants are more competitive and more functionally similar to each other than specialist plants: insights from network analyses. <i>Journal of Biogeography</i> , 2020 , 47, 1922-1933	4.1	15
62	Community variation in plant traits along copper and cobalt gradients. <i>Journal of Vegetation Science</i> , 2016 , 27, 854-864	3.1	15
61	Similarities and differences in intrapopulation trait correlations of co-occurring tree species: consistent water-use relationships amid widely different correlation patterns. <i>American Journal of Botany</i> , 2018 , 105, 1477-1490	2.7	15
60	Functional traits modulate the response of alien plants along abiotic and biotic gradients. <i>Global Ecology and Biogeography</i> , 2018 , 27, 1173-1185	6.1	15
59	Recasting the dynamic equilibrium model through a functional lens: the interplay of trait-based community assembly and climate. <i>Journal of Ecology</i> , 2016 , 104, 781-791	6	14
58	Plant demographic and functional responses to management intensification: A long-term study in a Mediterranean rangeland. <i>Journal of Ecology</i> , 2018 , 106, 1363-1376	6	13
57	Trait databases: misuses and precautions. <i>Journal of Vegetation Science</i> , 2015 , 26, 826-827	3.1	13
56	Domestication-driven changes in plant traits associated with changes in the assembly of the rhizosphere microbiota in tetraploid wheat. <i>Scientific Reports</i> , 2020 , 10, 12234	4.9	13
55	Experimental evaluation of the robustness of the growth-stress tolerance trade-off within the perennial grass <i>Dactylis glomerata</i> . <i>Functional Ecology</i> , 2018 , 32, 1944-1958	5.6	12
54	What makes trait-abundance relationships when both environmental filtering and stochastic neutral dynamics are at play?. <i>Oikos</i> , 2018 , 127, 1735-1745	4	12

53	Using n-dimensional hypervolumes for species distribution modelling: A response to Qiao et al. (). <i>Global Ecology and Biogeography</i> , 2017 , 26, 1071-1075	6.1	12
52	The relationship of woody plant size and leaf nutrient content to large-scale productivity for forests across the Americas. <i>Journal of Ecology</i> , 2019 , 107, 2278-2290	6	11
51	Weeds: Against the Rules?. <i>Trends in Plant Science</i> , 2020 , 25, 1107-1116	13.1	11
50	Areas of global importance for terrestrial biodiversity, carbon, and water		11
49	Ecological and biogeographical drivers of freshwater green algae biodiversity: from local communities to large-scale species pools of desmids. <i>Oecologia</i> , 2018 , 186, 1017-1030	2.9	10
48	Early dynamics in plant community trait responses to a novel, more extreme hydrological gradient. <i>Journal of Plant Ecology</i> , 2019 , 12, 327-335	1.7	9
47	Is prediction of species richness from stacked species distribution models biased by habitat saturation?. <i>Ecological Indicators</i> , 2020 , 111, 105970	5.8	9
46	Farming plant cooperation in crops. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20191290	4.4	8
45	When is the best time to flower and disperse? A comparative analysis of plant reproductive phenology in the Mediterranean. <i>Functional Ecology</i> , 2018 , 32, 1770-1783	5.6	8
44	An a posteriori species clustering for quantifying the effects of species interactions on ecosystem functioning. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 704-715	7.7	8
43	The Evolutionary Legacy of Diversification Predicts Ecosystem Function. <i>American Naturalist</i> , 2016 , 188, 398-410	3.7	8
42	Similar factors underlie tree abundance in forests in native and alien ranges. <i>Global Ecology and Biogeography</i> , 2020 , 29, 281-294	6.1	8
41	Land-use change effects on the taxonomic and morphological trait composition of ant communities in French Guiana. <i>Insect Conservation and Diversity</i> , 2018 , 11, 162-173	3.8	8
40	Distinguishing the signatures of local environmental filtering and regional trait range limits in the study of trait-environment relationships. <i>Oikos</i> , 2019 , 128, 960-971	4	7
39	Functional biogeography of dietary strategies in birds. <i>Global Ecology and Biogeography</i> , 2019 , 28, 1004-1017	6.1	7
38	Towards parsimonious ecophysiological models that bridge ecology and agronomy. <i>New Phytologist</i> , 2016 , 210, 380-2	9.8	7
37	Five species, many genotypes, broad phenotypic diversity: When agronomy meets functional ecology. <i>American Journal of Botany</i> , 2017 , 104, 62-71	2.7	6
36	Intraspecific body size variability in soil organisms at a European scale: Implications for functional biogeography. <i>Functional Ecology</i> , 2018 , 32, 2562-2570	5.6	6

35	sPlotOpen \square An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021 , 30, 1740-1764	6.1	6
34	Grassland-to-crop conversion in agricultural landscapes has lasting impact on the trait diversity of bees. <i>Landscape Ecology</i> , 2021 , 36, 281-295	4.3	6
33	Plant immunity: Good fences make good neighbors?. <i>Current Opinion in Plant Biology</i> , 2021 , 62, 102045	9.9	6
32	Analyzing snapshot diversity patterns with the Neutral Theory can show functional groups' effects on community assembly. <i>Ecology</i> , 2020 , 101, e02977	4.6	5
31	Viva la variance! A reply to Nakagawa & Schielzeth. <i>Trends in Ecology and Evolution</i> , 2012 , 27, 475-476	10.9	5
30	A Common Toolbox to Understand, Monitor or Manage Rarity? A Response to Carmona et al. <i>Trends in Ecology and Evolution</i> , 2017 , 32, 891-893	10.9	4
29	Multifaceted functional diversity for multifaceted crop yield: Towards ecological assembly rules for varietal mixtures. <i>Journal of Applied Ecology</i> , 2020 , 57, 2285-2295	5.8	4
28	Rebound in functional distinctiveness following warming and reduced fishing in the North Sea. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20201600	4.4	4
27	Vacant yet invisable niches in forest community assembly. <i>Functional Ecology</i> , 2020 , 34, 1945-1955	5.6	3
26	Ecological Specialization and Rarity of Arable Weeds: Insights from a Comprehensive Survey in France. <i>Plants</i> , 2020 , 9,	4.5	3
25	Multi-scale and antagonist selection on life-history traits in parasitoids: A community ecology perspective. <i>Functional Ecology</i> , 2018 , 32, 736-751	5.6	3
24	A combinatorial analysis using observational data identifies species that govern ecosystem functioning. <i>PLoS ONE</i> , 2018 , 13, e0201135	3.7	3
23	Half of the world's tree biodiversity is unprotected and is increasingly threatened by human activities		3
22	Loss of pollinator specialization revealed by historical opportunistic data: Insights from network-based analysis. <i>PLoS ONE</i> , 2020 , 15, e0235890	3.7	3
21	The dimensionality and structure of species trait spaces. <i>Ecology Letters</i> , 2021 , 24, 1988-2009	10	3
20	Plant neighbour-modulated susceptibility to pathogens in intraspecific mixtures. <i>Journal of Experimental Botany</i> , 2021 , 72, 6570-6580	7	3
19	Do ecological specialization and functional traits explain the abundance-frequency relationship? Arable weeds as a case study. <i>Journal of Biogeography</i> , 2021 , 48, 37-50	4.1	3
18	Equilibrium in plant functional trait responses to warming is stronger under higher climate variability during the Holocene. <i>Global Ecology and Biogeography</i> , 2020 , 29, 2052-2066	6.1	2

17	Consistent functional clusters explain the effects of biodiversity on ecosystem productivity in a long-term experiment. <i>Ecology</i> , 2021 , 102, e03441	4.6	2
16	Interactions between Soil and Vegetation: Structure of Plant Communities and Soil Functioning 2018 , 83-104		2
15	Functionally distinct tree species support long-term productivity in extreme environments.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022 , 289, 20211694	4.4	1
14	From cultivar mixtures to allelic mixtures: opposite effects of allelic richness between genotypes and genotype richness in wheat.. <i>New Phytologist</i> , 2022 ,	9.8	1
13	Early positive biodiversity effects on total biomass in experimental tree seedling assemblages with and without water limitation. <i>Journal of Vegetation Science</i> , 2021 , 32, e13096	3.1	1
12	Adaptive diversification of growth allometry in the plant <i>Arabidopsis thaliana</i>		1
11	Leaf economics guides slow-fast adaptation across the geographic range of <i>A. thaliana</i>		1
10	Transcriptional natural variation at FLM induces synergistic pleiotropy in <i>Arabidopsis thaliana</i>		1
9	Climate as a driver of adaptive variations in ecological strategies in <i>Arabidopsis thaliana</i>		1
8	Interspecific interactions regulate plant reproductive allometry in cereal-legume intercropping systems		1
7	Unveiling ecological assembly rules from commonalities in trait distributions. <i>Ecology Letters</i> , 2021 , 24, 1668-1680	10	1
6	Interspecific interactions regulate plant reproductive allometry in cereal-legume intercropping systems. <i>Journal of Applied Ecology</i> ,	5.8	1
5	Disturbed habitats locally reduce the signal of deep evolutionary history in functional traits of plants. <i>New Phytologist</i> , 2021 , 232, 1849-1862	9.8	1
4	Into the range: a latitudinal gradient or a center-margins differentiation of ecological strategies in <i>Arabidopsis thaliana</i> ?. <i>Annals of Botany</i> , 2021 ,	4.1	1
3	Functional biogeography of weeds reveals how anthropogenic management blurs trait-climate relationships. <i>Journal of Vegetation Science</i> , 2021 , 32, e12999	3.1	0
2	A review of the heterogeneous landscape of biodiversity databases: Opportunities and challenges for a synthesized biodiversity knowledge base. <i>Global Ecology and Biogeography</i> ,	6.1	0
1	Reply to 'No evidence for different metabolism in domestic mammals'. <i>Nature Ecology and Evolution</i> , 2019 , 3, 323	12.3	