

Land-plant ecology on the basis of functional traits

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Observing temporal processes in nature. , 0, , 9-10.		0
2	Integrated research of plant functional traits is important for the understanding of ecosystem processes. <i>Plant and Soil</i> , 2006, 285, 1-3.	1.8	15
3	On the Balance between Niche and Neutral Processes as Drivers of Community Structure along a Successional Gradient: Insights from Alpine and Sub-alpine Meadow Communities. <i>Annals of Botany</i> , 2007, 100, 807-812.	1.4	51
4	Trait Evolution, Community Assembly, and the Phylogenetic Structure of Ecological Communities. <i>American Naturalist</i> , 2007, 170, 271-283.	1.0	625
5	Ecological and evolutionary determinants of a key plant functional trait: wood density and its community-wide variation across latitude and elevation. <i>American Journal of Botany</i> , 2007, 94, 451-459.	0.8	419
6	The Implications of Scaling Approaches for Understanding Resilience and Reorganization in Ecosystems. <i>BioScience</i> , 2007, 57, 489-499.	2.2	59
7	Neutral theory: a historical perspective. <i>Journal of Evolutionary Biology</i> , 2007, 20, 2075-2091.	0.8	153
8	A trait-based approach to community assembly: partitioning of species trait values into within- and among-community components. <i>Ecology Letters</i> , 2007, 10, 135-145.	3.0	638
9	Growth-size scaling relationships of woody plant species differ from predictions of the Metabolic Ecology Model. <i>Ecology Letters</i> , 2007, 10, 889-901.	3.0	58
10	The role of functional traits and trade-offs in structuring phytoplankton communities: scaling from cellular to ecosystem level. <i>Ecology Letters</i> , 2007, 10, 1170-1181.	3.0	699
11	Nitrogen cycling dynamics in the carnivorous northern pitcher plant, <i>Sarracenia purpurea</i> . <i>Functional Ecology</i> , 2007, 21, 835-843.	1.7	42
12	Leaf traits affect the above-ground productivity and quality of pasture grasses. <i>Functional Ecology</i> , 2007, 21, 844-853.	1.7	100
13	Prey availability directly affects physiology, growth, nutrient allocation and scaling relationships among leaf traits in 10 carnivorous plant species. <i>Journal of Ecology</i> , 2008, 96, 213-221.	1.9	31
14	Dispersion of traits related to competitive ability in an old-field plant community. <i>Journal of Ecology</i> , 2008, 96, 204-212.	1.9	56
15	Interspecific demographic trade-offs and soil-related habitat associations of tree species along resource gradients. <i>Journal of Ecology</i> , 2008, 96, 192-203.	1.9	112
16	Stable isotope ratios of carbon and nitrogen in pollen grains in order to characterize plant functional groups and photosynthetic pathway types. <i>New Phytologist</i> , 2007, 176, 390-401.	3.5	43
17	Definition of plant functional groups for informing implementation scenarios in resource-limited multi-species recovery planning. <i>Biodiversity and Conservation</i> , 2008, 17, 2917-2937.	1.2	13
18	Amino acid uptake among wide-ranging moss species may contribute to their strong position in higher-latitude ecosystems. <i>Plant and Soil</i> , 2008, 304, 199-208.	1.8	63

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19	Adaptive variation in physiological traits underpinning stem elongation responses among nodally-rooting stoloniferous herbs. <i>Evolutionary Ecology</i> , 2008, 22, 369-381.	0.5	18
20	Coordination between leaf and stem traits related to leaf carbon gain and hydraulics across 32 drought-tolerant angiosperms. <i>Oecologia</i> , 2008, 156, 193-202.	0.9	97
21	Microbial Biogeography: From Taxonomy to Traits. <i>Science</i> , 2008, 320, 1039-1043.	6.0	534
22	Are traits measured on pot grown plants representative of those in natural communities?. <i>Journal of Vegetation Science</i> , 2008, 19, 119-126.	1.1	57
23	Importance of grazing and soil acidity for plant community composition and trait characterisation in coastal dune grasslands. <i>Applied Vegetation Science</i> , 2008, 11, 179-186.	0.9	18
24	Why equalising trade-offs aren't always neutral. <i>Ecology Letters</i> , 2008, 11, 1037-1046.	3.0	26
25	Functional identity is more important than diversity in influencing ecosystem processes in a temperate native grassland. <i>Journal of Ecology</i> , 2008, 96, 884-893.	1.9	357
26	Trait interactions help explain plant invasion success in the German flora. <i>Journal of Ecology</i> , 2008, 96, 860-868.	1.9	156
27	Intraspecific variability in leaf traits strongly affects alder leaf decomposition in a stream. <i>Basic and Applied Ecology</i> , 2008, 9, 598-605.	1.2	205
28	Trait-Based Community Ecology of Phytoplankton. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2008, 39, 615-639.	3.8	943
29	Carbon/nitrogen/phosphorus allometric relations across species. <i>Plant Ecophysiology</i> , 2008, , 9-30.	1.5	7
30	Functional Traits and Niche-Based Tree Community Assembly in an Amazonian Forest. <i>Science</i> , 2008, 322, 580-582.	6.0	949
31	Identification of functional groups in an old-growth tropical montane rain forest on Hainan Island, China. <i>Forest Ecology and Management</i> , 2008, 255, 1820-1830.	1.4	20
32	A 10-year evaluation of the functional basis for regeneration habitat preference of trees in an African evergreen forest. <i>Forest Ecology and Management</i> , 2008, 255, 3790-3796.	1.4	10
33	Dispersal limitations, rather than bottlenecks or habitat specificity, can restrict the distribution of rare and endemic rainforest trees. <i>American Journal of Botany</i> , 2008, 95, 321-329.	0.8	66
35	The relationship between stem and branch wood specific gravity and the ability of each measure to predict leaf area. <i>American Journal of Botany</i> , 2008, 95, 516-519.	0.8	108
36	DNA barcodes: Genes, genomics, and bioinformatics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2761-2762.	3.3	236
37	Phytogeography and Floristics of Pinyon-Juniper Woodlands in Northern Arizona. <i>Western North American Naturalist</i> , 2009, 69, 155-164.	0.2	0

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38	Should structureâ€“function relations be considered separately for homobaric vs. heterobaric leaves?. American Journal of Botany, 2009, 96, 612-619.	0.8	28
39	Costs of height gain in rainforest saplings: main-stem scaling, functional traits and strategy variation across 75 species. Annals of Botany, 2009, 104, 987-993.	1.4	24
40	An integrative framework for stochastic, size-structured community assembly. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6170-6175.	3.3	53
41	A trait-based approach for downscaling complexity in plankton ecosystem models. Ecological Modelling, 2009, 220, 3001-3010.	1.2	78
42	Functional anatomy of five endangered tropical timber wood species of the family Dipterocarpaceae. Trees - Structure and Function, 2009, 23, 521-529.	0.9	23
43	Desirable plant root traits for protecting natural and engineered slopes against landslides. Plant and Soil, 2009, 324, 1-30.	1.8	513
44	The allometry of reproductive biomass in response to land use in Tibetan alpine grasslands. Functional Ecology, 2009, 23, 274-283.	1.7	67
45	The influence of environment and lifeâ€“history traits on the distribution of genes and individuals: a comparative study of 11 rainforest trees. Molecular Ecology, 2009, 18, 1422-1438.	2.0	49
46	Plant chemical defence allocation constrains evolution of local range. Molecular Ecology, 2009, 18, 4974-4983.	2.0	22
47	Explaining patterns of primary production from individual level traits. Journal of Vegetation Science, 2009, 20, 612-619.	1.1	15
48	Towards a worldwide wood economics spectrum. Ecology Letters, 2009, 12, 351-366.	3.0	2,219
49	A global study of relationships between leaf traits, climate and soil measures of nutrient fertility. Global Ecology and Biogeography, 2009, 18, 137-149.	2.7	767
50	Pollination and plant defence traits coâ€“vary in Western Australian <i>Hakeas</i> . New Phytologist, 2009, 182, 251-260.	3.5	69
51	Patterns in root trait variation among 25 coâ€“existing North American forest species. New Phytologist, 2009, 182, 919-928.	3.5	236
52	Hydraulic adjustment of Scots pine across Europe. New Phytologist, 2009, 184, 353-364.	3.5	337
53	Resource-use-related traits correlate with population turnover rates, but not stem diameter growth rates, in 29 subtropical montane tree species. Perspectives in Plant Ecology, Evolution and Systematics, 2009, 11, 203-218.	1.1	19
54	Forest recovery on abandoned logging roads in a tropical montane rain forest of Hainan Island, China. Acta Oecologica, 2009, 35, 462-470.	0.5	13
55	Community assembly and shifts in plant trait distributions across an environmental gradient in coastal California. Ecological Monographs, 2009, 79, 109-126.	2.4	940

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56	Opposing assembly mechanisms in a Neotropical dry forest: implications for phylogenetic and functional community ecology. <i>Ecology</i> , 2009, 90, 2161-2170.	1.5	290
57	Taxonomic, phylogenetic, and environmental trade-offs between leaf productivity and persistence. <i>Ecology</i> , 2009, 90, 2779-2791.	1.5	69
58	Genotypic and environmental variation in specific leaf area in a widespread Alpine plant after transplantation to different altitudes. <i>Oecologia</i> , 2010, 164, 141-150.	0.9	138
59	Differences in the trait compositions of non-indigenous and native plants across Germany. <i>Biological Invasions</i> , 2010, 12, 2001-2012.	1.2	25
60	Linking traits to species diversity and community structure in phytoplankton. <i>Hydrobiologia</i> , 2010, 653, 15-28.	1.0	249
61	Species trait shifts in vegetation and soil seed bank during fen degradation. <i>Plant Ecology</i> , 2010, 206, 59-82.	0.7	30
62	Response of leaf anatomy of <i>Chenopodium acuminatum</i> to soil resource availability in a semi-arid grassland. <i>Plant Ecology</i> , 2010, 209, 375-382.	0.7	25
63	Leaf traits and water relations of 12 evergreen species in Costa Rican wet and dry forests: patterns of intra-specific variation across forests and seasons. <i>Plant Ecology</i> , 2010, 211, 133-146.	0.7	44
64	A conceptual framework for the study of modular responses to local environmental heterogeneity within the plant crown and a review of related concepts. <i>Ecological Research</i> , 2010, 25, 733-744.	0.7	42
65	Linking grazing response of species abundance to functional traits in the Tibetan alpine meadow. <i>Plant and Soil</i> , 2010, 330, 215-223.	1.8	68
66	Isotopic analysis of cyanobacterial nitrogen fixation associated with subarctic lichen and bryophyte species. <i>Plant and Soil</i> , 2010, 333, 507-517.	1.8	61
67	Trait plasticity in species interactions: a driving force of community dynamics. <i>Evolutionary Ecology</i> , 2010, 24, 617-629.	0.5	126
68	Large herbivore grazing and invertebrates in an alpine ecosystem. <i>Basic and Applied Ecology</i> , 2010, 11, 320-328.	1.2	23
69	A stochastic dispersal-limited trait-based model of community dynamics. <i>Journal of Theoretical Biology</i> , 2010, 262, 650-661.	0.8	28
70	Cascading extinctions, functional complementarity, and selection in two-trophic-level model communities: A trait-based mechanistic approach. <i>Journal of Theoretical Biology</i> , 2010, 267, 375-387.	0.8	4
71	Genetic diversity assessments in the century of genome science. <i>Current Opinion in Environmental Sustainability</i> , 2010, 2, 43-49.	3.1	16
72	The <i>Sphagnum</i> air-trap mechanism resurrected. <i>New Phytologist</i> , 2010, 185, 886-889.	3.5	11
73	General latitudinal gradient of biodiversity is reversed in ectomycorrhizal fungi. <i>New Phytologist</i> , 2010, 185, 351-354.	3.5	136

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74	Plant functional traits â€“ linkages among stem anatomy, plant performance and life history. <i>New Phytologist</i> , 2010, 185, 348-351.	3.5	36
75	From Galactic archeology to soil metagenomics â€“ surfing on massive data streams. <i>New Phytologist</i> , 2010, 185, 343-347.	3.5	20
76	Not every fungus is everywhere: scaling to the biogeography of fungalâ€“plant interactions across roots, shoots and ecosystems. <i>New Phytologist</i> , 2010, 185, 878-882.	3.5	128
77	Can water droplets on leaves cause leaf scorch?. <i>New Phytologist</i> , 2010, 185, 865-867.	3.5	30
78	The <i>Sphagnum</i> airâ€“gun mechanism resurrected? Not with a closer look. <i>New Phytologist</i> , 2010, 185, 889-891.	3.5	3
79	Ethylene â€“ a key arbitrator to plantâ€“fungal symbiotic interactions?. <i>New Phytologist</i> , 2010, 185, 868-871.	3.5	5
80	Interwoven branches of the plant and fungal trees of life. <i>New Phytologist</i> , 2010, 185, 874-878.	3.5	29
82	Dandelions â€“rememberâ€™ stress: heritable stressâ€“induced methylation patterns in asexual dandelions. <i>New Phytologist</i> , 2010, 185, 867-868.	3.5	14
83	Moving from pattern to process in fungal symbioses: linking functional traits, community ecology and phylogenetics. <i>New Phytologist</i> , 2010, 185, 882-886.	3.5	37
84	Tissueâ€“level leaf toughness, but not lamina thickness, predicts sapling leaf lifespan and shade tolerance of tropical tree species. <i>New Phytologist</i> , 2010, 186, 708-721.	3.5	226
85	Contrasting trait responses in plant communities to experimental and geographic variation in precipitation. <i>New Phytologist</i> , 2010, 188, 565-575.	3.5	127
86	The relationship between wood density and mortality in a global tropical forest data set. <i>New Phytologist</i> , 2010, 188, 1124-1136.	3.5	164
87	A multiâ€“trait test of the leafâ€“heightâ€“seed plant strategy scheme with 133 species from a pine forest flora. <i>Functional Ecology</i> , 2010, 24, 493-501.	1.7	175
88	Functional differences between native and alien species: a globalâ€“scale comparison. <i>Functional Ecology</i> , 2010, 24, 1353-1361.	1.7	203
89	Evidence of the â€“plant economics spectrumâ€™ in a subarctic flora. <i>Journal of Ecology</i> , 2010, 98, 362-373.	1.9	434
90	Plant functional traits in Australian subtropical rain forest: partitioning withinâ€“community from crossâ€“landscape variation. <i>Journal of Ecology</i> , 2010, 98, 517-525.	1.9	37
91	Interspecific variation in functional traits, not climatic differences among species ranges, determines demographic rates across 44 temperate and Mediterranean tree species. <i>Journal of Ecology</i> , 2010, 98, 1462-1475.	1.9	92
92	A structured and dynamic framework to advance traitsâ€“based theory and prediction in ecology. <i>Ecology Letters</i> , 2010, 13, 267-283.	3.0	442

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93	How do traits vary across ecological scales? A case for trait-based ecology. <i>Ecology Letters</i> , 2010, 13, 838-848.	3.0	633
94	Decoupled leaf and stem economics in rain forest trees. <i>Ecology Letters</i> , 2010, 13, 1338-1347.	3.0	312
95	Classifying the fire-response traits of plants: How reliable are species-level classifications?. <i>Austral Ecology</i> , 2010, 35, 264-273.	0.7	20
96	Growth in epiphytic bromeliads: response to the relative supply of phosphorus and nitrogen. <i>Plant Biology</i> , 2010, 12, 108-113.	1.8	36
97	Leaf trait co-ordination in relation to construction cost, carbon gain and resource-use efficiency in exotic invasive and native woody vine species. <i>Annals of Botany</i> , 2010, 106, 371-380.	1.4	58
98	The hydrostatic gradient, not light availability, drives height-related variation in <i>Sequoia sempervirens</i> (Cupressaceae) leaf anatomy. <i>American Journal of Botany</i> , 2010, 97, 1087-1097.	0.8	63
99	Worldwide correlations of mechanical properties and green wood density. <i>American Journal of Botany</i> , 2010, 97, 1587-1594.	0.8	134
100	Plant Strategies in Relation to Resource Supply in Mesic to Wet Environments: Does Theory Mirror Nature?. <i>American Naturalist</i> , 2010, 175, 225-239.	1.0	84
101	Wanted: A General and Predictive Theory for Trait-based Plant Ecology. <i>BioScience</i> , 2010, 60, 854-855.	2.2	6
102	Functional traits and the growth-mortality tradeoff in tropical trees. <i>Ecology</i> , 2010, 91, 3664-3674.	1.5	788
103	Genetics and Genomics of <i>Populus</i> . , 2010, , .		28
104	Leaf habit and woodiness regulate different leaf economy traits at a given nutrient supply. <i>Ecology</i> , 2010, 91, 3218-3228.	1.5	62
105	Representing Plankton Functional Types in Ocean General Circulation Models: Competition, Tradeoffs and Self-Organizing Architecture. , 2010, , .		3
106	Can entropy maximization use functional traits to explain species abundances? A comprehensive evaluation. <i>Ecology</i> , 2011, 92, 1523-1537.	1.5	19
107	Ecological strategies in California chaparral: interacting effects of soils, climate, and fire on specific leaf area. <i>Plant Ecology and Diversity</i> , 2011, 4, 179-188.	1.0	38
108	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.	1.1	454
109	The evolution of the worldwide leaf economics spectrum. <i>Trends in Ecology and Evolution</i> , 2011, 26, 88-95.	4.2	257
110	Patterns of plant trait-environment relationships along a forest succession chronosequence. <i>Agriculture, Ecosystems and Environment</i> , 2011, 145, 38-48.	2.5	79

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111	Independent Evolution of Leaf and Root Traits within and among Temperate Grassland Plant Communities. PLoS ONE, 2011, 6, e19992.	1.1	94
112	Venation networks and the origin of the leaf economics spectrum. Ecology Letters, 2011, 14, 91-100.	3.0	192
113	Individual-scale variation, species-scale differences: inference needed to understand diversity. Ecology Letters, 2011, 14, 1273-1287.	3.0	134
114	Plant traits and extinction in urban areas: a meta-analysis of 11 cities. Global Ecology and Biogeography, 2011, 20, 509-519.	2.7	122
115	Phylogenetic tests of community assembly across regional to continental scales in tropical and subtropical rain forests. Global Ecology and Biogeography, 2011, 20, 707-716.	2.7	95
116	Comparison of ant community composition across different land-use types: assessing morphological traits with more common methods. Australian Journal of Entomology, 2011, 50, 118-124.	1.1	20
117	Stem tissue mass density is linked to growth and resistance to a stem-boring insect in <i>Alternanthera philoxeroides</i> . Plant Species Biology, 2011, 26, 58-65.	0.6	15
118	Plant functional traits suggest novel ecological strategy for an invasive shrub in an understorey woody plant community. Journal of Applied Ecology, 2011, 48, 1098-1106.	1.9	39
119	Silicon concentration and leaf longevity: is silicon a player in the leaf dry mass spectrum?. Functional Ecology, 2011, 25, 1181-1188.	1.7	64
120	TRY – a global database of plant traits. Global Change Biology, 2011, 17, 2905-2935.	4.2	2,002
121	Species- and community-level patterns in fine root traits along a 120,000-year soil chronosequence in temperate rain forest. Journal of Ecology, 2011, 99, 954-963.	1.9	221
122	Intraspecific trait variation and covariation in a widespread tree species (<i>Nothofagus pumilio</i>) in southern Chile. New Phytologist, 2011, 189, 259-271.	3.5	147
123	Modelling the impact of climate and land use change on the geographical distribution of leaf anatomy in a temperate flora. Ecography, 2011, 34, 507-518.	2.1	10
124	Leaf attributes and tree growth in a tropical dry forest. Journal of Vegetation Science, 2011, 22, 917-931.	1.1	83
125	Microbially Mediated Plant Functional Traits. Annual Review of Ecology, Evolution, and Systematics, 2011, 42, 23-46.	3.8	447
126	Plant functional traits with particular reference to tropical deciduous forests: A review. Journal of Biosciences, 2011, 36, 963-981.	0.5	69
127	Plant leaf economics and reproductive investment are responsive to gradients of land use intensity. Agriculture, Ecosystems and Environment, 2011, 145, 67-76.	2.5	22
128	Modification of water entry (xylem vessels) and water exit (stomata) orchestrates long term drought acclimation of wheat leaves. Plant and Soil, 2011, 347, 179-193.	1.8	21

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129	Assessing adaptability of planted trees using leaf traits: A case study with <i>Robinia pseudoacacia</i> L. in the Loess Plateau, China. <i>Chinese Geographical Science</i> , 2011, 21, 290-303.	1.2	17
130	Causes and implications of the correlation between forest productivity and tree mortality rates. <i>Ecological Monographs</i> , 2011, 81, 527-555.	2.4	105
131	COMPUTER SIMULATIONS OF PLANT BIODIVERSITY IN STABLE AND UNSTABLE ENVIRONMENTS: A TEST OF THE NEUTRAL BIODIVERSITY THEORY. <i>Journal of Biological Systems</i> , 2011, 19, 1-17.	0.5	12
132	Xylem function and climate adaptation in <i>Pinus</i> . <i>American Journal of Botany</i> , 2011, 98, 1437-1445.	0.8	16
133	Inside Wood – A Web resource for hardwood anatomy. <i>IAWA Journal</i> , 2011, 32, 199-211.	2.7	327
134	History matters: ecometrics and integrative climate change biology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1131-1140.	1.2	81
135	Angiosperm leaf vein patterns are linked to leaf functions in a global-scale data set. <i>American Journal of Botany</i> , 2011, 98, 244-253.	0.8	85
136	RLQ and fourth-corner analysis of plant species traits and spectral indices derived from HyMap and CHRIS-PROBA imagery. <i>International Journal of Remote Sensing</i> , 2012, 33, 6459-6479.	1.3	4
137	Photosynthetic capacity is negatively correlated with the concentration of leaf phenolic compounds across a range of different species. <i>AoB PLANTS</i> , 2012, 2012, pls025.	1.2	26
138	Patterns of root respiration rates and morphological traits in 13 tree species in a tropical forest. <i>Tree Physiology</i> , 2012, 32, 303-312.	1.4	75
139	A global analysis of trait variation and evolution in climbing plants. <i>Journal of Biogeography</i> , 2012, 39, 1757-1771.	1.4	66
140	Functional trade-offs increase species diversity in experimental plant communities. <i>Ecology Letters</i> , 2012, 15, 1276-1282.	3.0	45
141	Habitat filtering and niche differentiation jointly explain species relative abundance within grassland communities along fertility and disturbance gradients. <i>New Phytologist</i> , 2012, 196, 497-509.	3.5	214
142	Deriving Plant Functional Types for Amazonian forests for use in vegetation dynamics models. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012, 14, 97-110.	1.1	42
143	Predicting fine root lifespan from plant functional traits in temperate trees. <i>New Phytologist</i> , 2012, 195, 823-831.	3.5	350
144	Micro-evolutionary patterns of juvenile wood density in a pine species. <i>Plant Ecology</i> , 2012, 213, 1781-1792.	0.7	19
145	Does the leaf economic spectrum hold within local species pools across varying environmental conditions?. <i>Functional Ecology</i> , 2012, 26, 1390-1398.	1.7	115
146	Prediction of specific leaf area distribution in plant communities along a soil resource gradient using trait trade-offs in a pattern-oriented modelling approach. <i>Community Ecology</i> , 2012, 13, 55-63.	0.5	4

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147	Historical and Ecological Controls on Phylogenetic Diversity in Californian Plant Communities. <i>American Naturalist</i> , 2012, 180, 257-269.	1.0	53
148	Covariation in Plant Functional Traits and Soil Fertility within Two Species-Rich Forests. <i>PLoS ONE</i> , 2012, 7, e34767.	1.1	50
149	Climate change impacts on ecosystem functioning: evidence from an <i>Empetrum</i> heathland. <i>New Phytologist</i> , 2012, 193, 150-164.	3.5	32
150	Global quantification of contrasting leaf life span strategies for deciduous and evergreen species in response to environmental conditions. <i>Global Ecology and Biogeography</i> , 2012, 21, 224-235.	2.7	107
151	Leaf, stem and root tissue strategies across 758 neotropical tree species. <i>Functional Ecology</i> , 2012, 26, 1153-1161.	1.7	172
152	Simulating forest productivity along a neotropical elevational transect: temperature variation and carbon use efficiency. <i>Global Change Biology</i> , 2012, 18, 2882-2898.	4.2	34
153	Plant functional traits and nutrient gradients on grassland. <i>Grass and Forage Science</i> , 2012, 67, 305-319.	1.2	38
154	Using functional traits and phylogenetic trees to examine the assembly of tropical tree communities. <i>Journal of Ecology</i> , 2012, 100, 690-701.	1.9	191
155	Endemic plant communities on special soils: early victims or hardy survivors of climate change?. <i>Journal of Ecology</i> , 2012, 100, 1122-1130.	1.9	85
156	Rare species drive local trait diversity in two geographically disjunct examples of a naturally rare alpine ecosystem in New Zealand. <i>Journal of Vegetation Science</i> , 2012, 23, 626-639.	1.1	17
157	Australian Tropical and Subtropical Rain Forest Community Assembly: Phylogeny, Functional Biogeography, and Environmental Gradients. <i>Biotropica</i> , 2012, 44, 668-679.	0.8	40
158	A combination of functionally different plant traits provides a means to quantitatively predict a broad range of species assemblages in NW Europe. <i>Ecography</i> , 2012, 35, 364-373.	2.1	32
159	The role of functional traits in species distributions revealed through a hierarchical model. <i>Ecography</i> , 2012, 35, 716-725.	2.1	171
160	Water deficiency induces evolutionary tradeoff between stress tolerance and chemical defense allocation that may help explain range limits in plants. <i>Oikos</i> , 2012, 121, 790-800.	1.2	24
161	A soil fauna index for assessing soil quality. <i>Soil Biology and Biochemistry</i> , 2012, 47, 158-165.	4.2	67
162	Analysis of the causes of variability of the dry leaf mass-per-area ratio. <i>Biology Bulletin Reviews</i> , 2012, 2, 238-253.	0.3	9
163	Impacts of species interactions on grass community productivity under contrasting management regimes. <i>Oecologia</i> , 2012, 168, 761-771.	0.9	25
164	Grassland cutting regimes affect soil properties, and consequently vegetation composition and belowground plant traits. <i>Plant and Soil</i> , 2013, 366, 401-413.	1.8	21

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165	Different plant traits affect two pathways of riparian nitrogen removal in a restored freshwater wetland. <i>Plant and Soil</i> , 2013, 365, 41-57.	1.8	30
166	Effects of Growth Form and Functional Traits on Response of Woody Plants to Clearing and Fragmentation of Subtropical Rainforest. <i>Conservation Biology</i> , 2013, 27, 1468-1477.	2.4	12
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169	Relationship between projected changes in future climatic suitability and demographic and functional traits of forest tree species in Spain. <i>Climatic Change</i> , 2013, 120, 449-462.	1.7	23
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338	Geometrical envelopes: Extending graphical contemporary niche theory to communities and eco-evolutionary dynamics. <i>Journal of Theoretical Biology</i> , 2016, 407, 271-289.	0.8	22
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348	Evolutionary trade-offs in stomatal spacing. <i>New Phytologist</i> , 2016, 210, 1149-1151.	3.5	15
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385	Complex trait relationships between leaves and absorptive roots: Coordination in tissue N concentration but divergence in morphology. <i>Ecology and Evolution</i> , 2017, 7, 2697-2705.	0.8	34
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439	Hypervolume concepts in niche- and trait-based ecology. <i>Ecography</i> , 2018, 41, 1441-1455.	2.1	223
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441	Relatives growing together: pair density and kinship. <i>Plant Ecology</i> , 2018, 219, 159-168.	0.7	3
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446	Soil-mediated filtering organizes tree assemblages in regenerating tropical forests. <i>Journal of Ecology</i> , 2018, 106, 137-147.	1.9	54
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449	Long-Term Hydraulic Adjustment of Three Tropical Moist Forest Tree Species to Changing Climate. <i>Frontiers in Plant Science</i> , 2018, 9, 1761.	1.7	27
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457	Biophysical dependences among functional wood traits. <i>Functional Ecology</i> , 2018, 32, 2652-2665.	1.7	11
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464	Shift in community functional composition following nitrogen fertilization in an alpine meadow through intraspecific trait variation and community composition change. <i>Plant and Soil</i> , 2018, 431, 289-302.	1.8	23
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476	Trait-based life-history strategies explain succession scenario for complex bacterial communities under varying disturbance. <i>Environmental Microbiology</i> , 2019, 21, 3751-3764.	1.8	25
477	The contrasting leaf functional traits between a karst forest and a nearby non-karst forest in south-west China. <i>Functional Plant Biology</i> , 2019, 46, 907.	1.1	25
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481	The nature and way of root adaptation of juvenile woody plants <i>Sorbus</i> and <i>Pyrus</i> to drought. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 714.	1.3	4
482	Drivers of subtropical forest dynamics: The role of functional traits, forest structure and soil variables. <i>Journal of Vegetation Science</i> , 2019, 30, 1164-1174.	1.1	17
483	Physical and Functional Constraints on Viable Belowground Acquisition Strategies. <i>Frontiers in Plant Science</i> , 2019, 10, 1215.	1.7	115
484	Community phylogenetic structure reveals the imprint of dispersal-related dynamics and environmental filtering by nutrient availability in freshwater diatoms. <i>Scientific Reports</i> , 2019, 9, 11590.	1.6	15
485	Functional perspectives on tropical tree demography and forest dynamics. <i>Ecological Processes</i> , 2019, 8, .	1.6	25
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488	Environmentâ€and traitâ€mediated scaling of tree occupancy in forests worldwide. <i>Global Ecology and Biogeography</i> , 2019, 28, 1155-1167.	2.7	2
489	A height-wood-seed axis which is preserved across climatic regions explains tree dominance in European forest communities. <i>Plant Ecology</i> , 2019, 220, 467-480.	0.7	4
490	Genetic diversity in <i>Dactylorhiza majalis</i> subsp. <i>majalis</i> populations (Orchidaceae) of northern Poland. <i>Nordic Journal of Botany</i> , 2019, 37, .	0.2	1
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