

Three keys to the radiation of angiosperms into freezing

Nature

506, 89-92

DOI: [10.1038/nature12872](https://doi.org/10.1038/nature12872)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Repeated evolution of tricellular (and bicellular) pollen. <i>American Journal of Botany</i> , 2014, 101, 559-571.	0.8	53
3	Photosynthetic ecophysiology of evergreen leaves in the woody angiosperms – a review. <i>Dendrobiology</i> , 0, 72, 3-27.	0.6	22
4	Ultrametric trees or phylograms for ancestral state reconstruction: Does it matter?. <i>Taxon</i> , 2014, 63, 721-726.	0.4	29
5	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, 13745-13750.	3.3	319
6	Experimental evidence that the O rNSTEIN–U hlenbeck model best describes the evolution of leaf litter decomposability. <i>Ecology and Evolution</i> , 2014, 4, 3339-3349.	0.8	15
7	Increased Photosynthetic Capacity as a Mechanism of Drought Adaptation in C ₃ Plants. <i>International Journal of Plant Sciences</i> , 2014, 175, 1033-1041.	0.6	7
8	How much of the world is woody?. <i>Journal of Ecology</i> , 2014, 102, 1266-1272.	1.9	88
9	The Tree of Life in ecosystems: evolution of plant effects on carbon and nutrient cycling. <i>Journal of Ecology</i> , 2014, 102, 269-274.	1.9	22
10	Which is a better predictor of plant traits: temperature or precipitation?. <i>Journal of Vegetation Science</i> , 2014, 25, 1167-1180.	1.1	323
11	The latitudinal species richness gradient in New World woody angiosperms is consistent with the tropical conservatism hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8125-8130.	3.3	198
12	Using an updated time-calibrated family-level phylogeny of seed plants to test for non-random patterns of life forms across the phylogeny. <i>Journal of Systematics and Evolution</i> , 2014, 52, 423-430.	1.6	36
13	Defense mutualisms enhance plant diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16442-16447.	3.3	129
14	Extant diversity of bryophytes emerged from successive post-Mesozoic diversification bursts. <i>Nature Communications</i> , 2014, 5, 5134.	5.8	154
15	An evolutionary perspective on leaf economics: phylogenetics of leaf mass per area in vascular plants. <i>Ecology and Evolution</i> , 2014, 4, 2799-2811.	0.8	53
16	The evolutionary ecology of C ₄ plants. <i>New Phytologist</i> , 2014, 204, 765-781.	3.5	98
17	From systematic to ecological wood anatomy and finally plant hydraulics: are we making progress in understanding xylem evolution?. <i>New Phytologist</i> , 2014, 203, 12-15.	3.5	14
18	A single evolutionary innovation drives the deep evolution of symbiotic N ₂ -fixation in angiosperms. <i>Nature Communications</i> , 2014, 5, 4087.	5.8	260
19	Ecological and evolutionary significance of genomic GC content diversity in monocots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4096-102.	3.3	260

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20	Biome Shifts and Niche Evolution in Plants. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 547-572.	3.8	238
21	The enigma of the rise of angiosperms: can we untie the knot?. <i>Ecology Letters</i> , 2014, 17, 1326-1338.	3.0	66
22	Geochemistry Articles â€“ February 2014. <i>Organic Geochemistry</i> , 2014, 70, e1-e23.	0.9	1
23	Systematic global assessment of reef fish communities by the Reef Life Survey program. <i>Scientific Data</i> , 2014, 1, 140007.	2.4	169
24	Tree of Sex: A database of sexual systems. <i>Scientific Data</i> , 2014, 1, 140015.	2.4	216
25	The evolutionary reality of species and higher taxa in plants: a survey of postâ€modern opinion and evidence. <i>New Phytologist</i> , 2015, 207, 291-296.	3.5	34
26	Salt tolerance is evolutionarily labile in a diverse set of angiosperm families. <i>BMC Evolutionary Biology</i> , 2015, 15, 90.	3.2	16
27	Phylogenetic uncertainty can bias the number of evolutionary transitions estimated from ancestral state reconstruction methods. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 517-524.	0.6	39
28	Gains and losses of plant species and phylogenetic diversity for a northern highâ€latitude region. <i>Diversity and Distributions</i> , 2015, 21, 1441-1454.	1.9	36
29	Recently evolved diversity and convergent radiations of rainforest mahoganies (Meliaceae) shed new light on the origins of rainforest hyperdiversity. <i>New Phytologist</i> , 2015, 207, 327-339.	3.5	114
30	No substitute for real data: A cautionary note on the use of phylogenies from birth-death polytomy resolvers for downstream comparative analyses. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 3207-3216.	1.1	121
31	Which came first: The lizard or the egg? Robustness in phylogenetic reconstruction of ancestral states. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 504-516.	0.6	57
32	Seed plant phylogenetic diversity and species richness in conservation planning within a global biodiversity hotspot in eastern Asia. <i>Conservation Biology</i> , 2015, 29, 1552-1562.	2.4	35
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34	Continental scale patterns and predictors of fern richness and phylogenetic diversity. <i>Frontiers in Genetics</i> , 2015, 6, 132.	1.1	38
35	Multiple adaptations to polar and alpine environments within cyanobacteria: a phylogenomic and Bayesian approach. <i>Frontiers in Microbiology</i> , 2015, 6, 1070.	1.5	81
36	The Effect of Host-Plant Phylogenetic Isolation on Species Richness, Composition and Specialization of Insect Herbivores: A Comparison between Native and Exotic Hosts. <i>PLoS ONE</i> , 2015, 10, e0138031.	1.1	16
37	Auxin is a long-range signal that acts independently of ethylene signaling on leaf abscission in <i>Populus</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 634.	1.7	39

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38	Conservation of the abscission signaling peptide IDA during Angiosperm evolution: withstanding genome duplications and gain and loss of the receptors HAE/HSL2. <i>Frontiers in Plant Science</i> , 2015, 6, 931.	1.7	50
39	Impacts of Terraces on Phylogenetic Inference. <i>Systematic Biology</i> , 2015, 64, 709-726.	2.7	46
40	Doubtful pathways to cold tolerance in plants. <i>Nature</i> , 2015, 521, E5-E6.	13.7	31
41	Evolutionary signals of symbiotic persistence in the legume-rhizobia mutualism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10262-10269.	3.3	71
42	Post-molecular systematics and the future of phylogenetics. <i>Trends in Ecology and Evolution</i> , 2015, 30, 384-389.	4.2	83
43	Oligocene niche shift, Miocene diversification of cold tolerance and accelerated speciation rates in the St. John's Worts (<i>Hypericum</i> , Hypericaceae). <i>BMC Evolutionary Biology</i> , 2015, 15, 80.	3.2	56
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50	<i>ICE1</i> demethylation drives the range expansion of a plant invader through cold tolerance divergence. <i>Molecular Ecology</i> , 2015, 24, 835-850.	2.0	63
51	On the complexity of triggering evolutionary radiations. <i>New Phytologist</i> , 2015, 207, 313-326.	3.5	104
52	Between a Rock and a Hard Place: Applications of the "Molecular Clock" in Systematic Botany. <i>Systematic Botany</i> , 2015, 40, 6-13.	0.2	12
53	Is climate warming advantageous for plants with untoothed leaves?. <i>Basic and Applied Ecology</i> , 2015, 16, 386-393.	1.2	2
54	Evolution of Spermophagus seed beetles (Coleoptera, Bruchinae, Amblycerini) indicates both synchronous and delayed colonizations of host plants. <i>Molecular Phylogenetics and Evolution</i> , 2015, 89, 91-103.	1.2	14
55	The weakness of evidence supporting tropical niche conservatism as a main driver of current richness-temperature gradients. <i>Global Ecology and Biogeography</i> , 2015, 24, 795-803.	2.7	11
56	Five major shifts of diversification through the long evolutionary history of Magnoliidae (angiosperms). <i>BMC Evolutionary Biology</i> , 2015, 15, 49.	3.2	64

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57	A Tale of Two Hyper-diversities: Diversification dynamics of the two largest families of lichenized fungi. <i>Scientific Reports</i> , 2015, 5, 10028.	1.6	52
58	Speciation dynamics during the global radiation of extant bats. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1528-1545.	1.1	257
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62	Species richness, but not phylogenetic diversity, influences community biomass production and temporal stability in a re-examination of 16 grassland biodiversity studies. <i>Functional Ecology</i> , 2015, 29, 615-626.	1.7	124
63	Available Climate Regimes Drive Niche Diversification during Range Expansion. <i>American Naturalist</i> , 2015, 185, 640-652.	1.0	20
64	Synthesizing habitat fragmentation effects on plant-antagonist interactions in a phylogenetic context. <i>Biological Conservation</i> , 2015, 192, 304-314.	1.9	13
65	How does biomass distribution change with size and differ among species? An analysis for 1200 plant species from five continents. <i>New Phytologist</i> , 2015, 208, 736-749.	3.5	239
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69	Origin and diversification of living cycads: a cautionary tale on the impact of the branching process prior in Bayesian molecular dating. <i>BMC Evolutionary Biology</i> , 2015, 15, 65.	3.2	189
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73	Multiple Polyploidy Events in the Early Radiation of Nodulating and Nonnodulating Legumes. <i>Molecular Biology and Evolution</i> , 2015, 32, 193-210.	3.5	223
74	Trees, branches and (square) roots: why evolutionary relatedness is not linearly related to functional distance. <i>Methods in Ecology and Evolution</i> , 2015, 6, 439-444.	2.2	56

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87	Why is gynodioecy a rare but widely distributed sexual system? Lessons from the Lamiaceae. New Phytologist, 2016, 211, 688-696.	3.5	21
88	Different habitats within a region contain evolutionary heritage from different epochs depending on the abiotic environment. Global Ecology and Biogeography, 2016, 25, 274-285.	2.7	15
89	Tree diversity, tree height and environmental harshness in eastern and western North America. Ecology Letters, 2016, 19, 743-751.	3.0	43
90	Foliar nectar enhances plant–mite mutualisms: the effect of leaf sugar on the control of powdery mildew by domatia-inhabiting mites. Annals of Botany, 2016, 118, 459-466.	1.4	8
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99	Turnip Time Travels: Age Estimates in Brassicaceae. <i>Trends in Plant Science</i> , 2016, 21, 554-561.	4.3	36
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101	Opportunities for unlocking the potential of genomics for African trees. <i>New Phytologist</i> , 2016, 210, 772-778.	3.5	11
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108	Multiple metrics of diversity have different effects on temperate forest functioning over succession. <i>Oecologia</i> , 2016, 182, 1175-1185.	0.9	48
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119	Prospects of herbivore egg-killing plant defenses for sustainable crop protection. <i>Ecology and Evolution</i> , 2016, 6, 6906-6918.	0.8	38
120	An Angiosperm-Wide Analysis of the Correlates of Gynodioecy. <i>International Journal of Plant Sciences</i> , 2016, 177, 115-121.	0.6	28
121	A simple approach for maximizing the overlap of phylogenetic and comparative data. <i>Methods in Ecology and Evolution</i> , 2016, 7, 751-758.	2.2	41
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130	Monitoring plant functional diversity from space. <i>Nature Plants</i> , 2016, 2, 16024.	4.7	221
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132	Disentangling the drivers of taxonomic and phylogenetic beta diversities in disturbed and undisturbed subtropical forests. <i>Scientific Reports</i> , 2016, 6, 35926.	1.6	15
133	Global monocot diversification: geography explains variation in species richness better than environment or biology. <i>Botanical Journal of the Linnean Society</i> , 2016, , .	0.8	4
134	Phylogenetic assemblage structure of <i>N</i> orth <i>A</i> merican trees is more strongly shaped by glacial–interglacial climate variability in gymnosperms than in angiosperms. <i>Ecology and Evolution</i> , 2016, 6, 3092-3106.	0.8	40
135	Agricultural land-use history causes persistent loss of plant phylogenetic diversity. <i>Ecology</i> , 2016, 97, 2240-2247.	1.5	31
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144	Frost sensitivity of leaves and flowers of subalpine plants is related to tissue type and phenology. <i>Journal of Ecology</i> , 2016, 104, 55-64.	1.9	40
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146	Soil and tree species traits both shape soil microbial communities during early growth of Chinese subtropical forests. <i>Soil Biology and Biochemistry</i> , 2016, 96, 180-190.	4.2	80

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148	Improving phylogenetic regression under complex evolutionary models. <i>Ecology</i> , 2016, 97, 286-293.	1.5	18
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150	An updated megaphylogeny of plants, a tool for generating plant phylogenies and an analysis of phylogenetic community structure. <i>Journal of Plant Ecology</i> , 2016, 9, 233-239.	1.2	401
151	Extinction risk of North American seed plants elevated by climate and land-use change. <i>Journal of Applied Ecology</i> , 2017, 54, 303-312.	1.9	79
152	Plants show more flesh in the tropics: variation in fruit type along latitudinal and climatic gradients. <i>Ecography</i> , 2017, 40, 531-538.	2.1	65
153	Phylogenetic properties of Tertiary relict flora in the east Asian continental islands: imprint of climatic niche conservatism and in situ diversification. <i>Ecography</i> , 2017, 40, 436-447.	2.1	38
154	An ecophysiological and developmental perspective on variation in vessel diameter. <i>Plant, Cell and Environment</i> , 2017, 40, 831-845.	2.8	199
155	Adaptive evolution to novel predators facilitates the evolution of damselfly species range shifts. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 974-984.	1.1	9
156	Plant-soil feedbacks and mycorrhizal type influence temperate forest population dynamics. <i>Science</i> , 2017, 355, 181-184.	6.0	505
157	Macroevolutionary synthesis of flowering plant sexual systems. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 898-912.	1.1	68
158	Elevation alters ecosystem properties across temperate treelines globally. <i>Nature</i> , 2017, 542, 91-95.	13.7	200
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160	Revisiting phylogenetic signal; strong or negligible impacts of polytomies and branch length information?. <i>BMC Evolutionary Biology</i> , 2017, 17, 53.	3.2	105
161	A new subfamily classification of the Leguminosae based on a taxonomically comprehensive phylogeny: The Legume Phylogeny Working Group (LPWG). <i>Taxon</i> , 2017, 66, 44-77.	0.4	803
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167	Restored tallgrass prairies have reduced phylogenetic diversity compared with remnants. <i>Journal of Applied Ecology</i> , 2017, 54, 1080-1090.	1.9	54
168	The Genomics of Wood Formation in Angiosperm Trees. <i>Plant Genetics and Genomics: Crops and Models</i> , 2017, , 205-225.	0.3	3
169	Climate, soil and plant functional types as drivers of global fine-root trait variation. <i>Journal of Ecology</i> , 2017, 105, 1182-1196.	1.9	234
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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278	Taxonomic affinity, habitat and seed mass strongly predict seed desiccation response: a boosted regression trees analysis based on 17 539 species. <i>Annals of Botany</i> , 2018, 121, 71-83.	1.4	35
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288	Climatic correlates of phylogenetic relatedness of woody angiosperms in forest communities along a tropical elevational gradient in South America. <i>Journal of Plant Ecology</i> , 2018, 11, 394-400.	1.2	21
289	An Evaluation of Different Partitioning Strategies for Bayesian Estimation of Species Divergence Times. <i>Systematic Biology</i> , 2018, 67, 61-77.	2.7	32
290	Vessel diameter is related to amount and spatial arrangement of axial parenchyma in woody angiosperms. <i>Plant, Cell and Environment</i> , 2018, 41, 245-260.	2.8	81
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#	ARTICLE	IF	CITATIONS
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294	Host preference and network properties in biotrophic plant-fungal associations. <i>New Phytologist</i> , 2018, 217, 1230-1239.	3.5	107
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301	From Biocultural Homogenization to Biocultural Conservation. <i>Ecology and Ethics</i> , 2018, , .	0.2	20
302	Taxonomic and Phylogenetic Homogenization Across US National Parks: The Role of Non-native Species. <i>Ecology and Ethics</i> , 2018, , 275-288.	0.2	3
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#	ARTICLE	IF	CITATIONS
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319	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.	1.4	28
320	Frost and leaf size gradients in forests: global patterns and experimental evidence. <i>New Phytologist</i> , 2018, 219, 565-573.	3.5	26
321	Stochastic and deterministic effects on interactions between canopy and recruiting species in forest communities. <i>Functional Ecology</i> , 2018, 32, 2264-2274.	1.7	13
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323	Holocentric chromosomes: from tolerance to fragmentation to colonization of the land. <i>Annals of Botany</i> , 2018, 121, 9-16.	1.4	31
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325	Leveraging contemporary species introductions to test phylogenetic hypotheses of trait evolution. <i>Current Opinion in Plant Biology</i> , 2018, 42, 95-102.	3.5	3
326	Amazonia is the primary source of Neotropical biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6034-6039.	3.3	352
327	The role of adaptive strategies in plant naturalization. <i>Ecology Letters</i> , 2018, 21, 1380-1389.	3.0	69
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#	ARTICLE	IF	CITATIONS
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330	Bacterial diversification through geological time. <i>Nature Ecology and Evolution</i> , 2018, 2, 1458-1467.	3.4	81
331	Building the monocot tree of death: Progress and challenges emerging from the macrofossil-rich Zingiberales. <i>American Journal of Botany</i> , 2018, 105, 1389-1400.	0.8	9
332	Genome Size Diversity and Its Impact on the Evolution of Land Plants. <i>Genes</i> , 2018, 9, 88.	1.0	244
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334	Extrinsic environmental factors, not resident diversity itself, lead to invasion of <i>Ageratum conyzoides</i> L. in diverse communities. <i>Ecological Research</i> , 2018, 33, 1245-1253.	0.7	5
335	Cracking the case: Seed traits and phylogeny predict time to germination in prairie restoration species. <i>Ecology and Evolution</i> , 2018, 8, 5551-5562.	0.8	40
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338	Species richness and phylogenetic diversity of seed plants across vegetation zones of Mount Kenya, East Africa. <i>Ecology and Evolution</i> , 2018, 8, 8930-8939.	0.8	38
339	Transport efficiency and cavitation resistance in developing shoots: a risk worth taking. <i>Tree Physiology</i> , 2018, 38, 1085-1087.	1.4	5
340	Multiple facets of biodiversity drive the diversity-stability relationship. <i>Nature Ecology and Evolution</i> , 2018, 2, 1579-1587.	3.4	296
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343	Testing the impact of morphological rate heterogeneity on ancestral state reconstruction of five floral traits in angiosperms. <i>Scientific Reports</i> , 2018, 8, 9473.	1.6	19
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345	High dispersal ability is related to fast life-history strategies. <i>Journal of Ecology</i> , 2018, 106, 1349-1362.	1.9	70
346	Anthropogenic threats can have cascading homogenizing effects on the phylogenetic and functional diversity of tropical ecosystems. <i>Ecography</i> , 2019, 42, 148-161.	2.1	28

#	ARTICLE	IF	CITATIONS
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348	Floral volatiles structure plant-pollinator interactions in a diverse community across the growing season. <i>Functional Ecology</i> , 2019, 33, 2116-2129.	1.7	36
349	Spatial distribution pattern of taxonomic and phylogenetic diversity of woody flora in Andaman and Nicobar Islands, India. <i>Forest Ecosystems</i> , 2019, 6, .	1.3	6
350	What we (don't) know about global plant diversity. <i>Ecography</i> , 2019, 42, 1819-1831.	2.1	79
351	Drought and freezing vulnerability of the isolated hybrid aspen <i>Populus x smithii</i> relative to its parental species, <i>P. tremuloides</i> and <i>P. grandidentata</i> . <i>Ecology and Evolution</i> , 2019, 9, 8062-8074.	0.8	8
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363	Increasing phylogenetic stochasticity at high elevations on summits across a remote North American wilderness. <i>American Journal of Botany</i> , 2019, 106, 958-970.	0.8	4
364	Different responses of multifaceted plant diversities of alpine meadow and alpine steppe to nitrogen addition gradients on Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , 2019, 688, 1405-1412.	3.9	29

#	ARTICLE	IF	CITATIONS
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366	Lost in trait space: species-poor communities are inflexible in properties that drive ecosystem functioning. <i>Advances in Ecological Research</i> , 2019, , 91-131.	1.4	14
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370	Species and phylogenetic endemism in angiosperm trees across the Northern Hemisphere are jointly shaped by modern climate and glacial-interglacial climate change. <i>Global Ecology and Biogeography</i> , 2019, 28, 1393-1402.	2.7	34
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#	ARTICLE	IF	CITATIONS
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391	Phylogenetic and functional structures of plant communities along a spatiotemporal urbanization gradient: Effects of colonization and extinction. <i>Journal of Vegetation Science</i> , 2019, 30, 341-351.	1.1	10
392	Landscape context explains ecosystem multifunctionality in restored grasslands better than plant diversity. <i>Ecology</i> , 2019, 100, e02634.	1.5	57
393	The global biogeography of polyploid plants. <i>Nature Ecology and Evolution</i> , 2019, 3, 265-273.	3.4	208
394	Plant-plant interactions promote alpine diversification. <i>Evolutionary Ecology</i> , 2019, 33, 195-209.	0.5	14
395	Towards understanding the incidence and evolutionary history of seed recalcitrance: An analytical review. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 37, 11-19.	1.1	20
396	Extreme winter warm event causes exceptionally early bud break for many woody species. <i>Ecosphere</i> , 2019, 10, e02542.	1.0	26
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#	ARTICLE	IF	CITATIONS
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403	Regional influences on community structure across the tropical-temperate divide. <i>Nature Communications</i> , 2019, 10, 2646.	5.8	40
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409	Asexual parasites and their extraordinary host ranges. <i>Integrative and Comparative Biology</i> , 2019, 59, 1463-1484.	0.9	10
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412	The influence of historical dispersal on the phylogenetic structure of tree communities in the tropical Andes. <i>Biotropica</i> , 2019, 51, 500-508.	0.8	15
413	The monocotyledonous underground: global climatic and phylogenetic patterns of geophyte diversity. <i>American Journal of Botany</i> , 2019, 106, 850-863.	0.8	44
414	Patterns and ecological determinants of woody plant height in eastern Eurasia and its relation to primary productivity. <i>Journal of Plant Ecology</i> , 2019, 12, 791-803.	1.2	15
415	Phylogeny Best Explains Latitudinal Patterns of Xylem Tissue Fractions for Woody Angiosperm Species Across China. <i>Frontiers in Plant Science</i> , 2019, 10, 556.	1.7	19
416	Rates of niche and phenotype evolution lag behind diversification in a temperate radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10874-10882.	3.3	115
417	The occurrence of red and yellow autumn leaves explained by regional differences in insolation and temperature. <i>New Phytologist</i> , 2019, 224, 1464-1471.	3.5	40
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#	ARTICLE	IF	CITATIONS
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422	Effects of stand age, richness and density on productivity in subtropical forests in China. <i>Journal of Ecology</i> , 2019, 107, 2266-2277.	1.9	111
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424	Tracking temporal shifts in area, biomes, and pollinators in the radiation of <i>Salvia</i> (sages) across continents: leveraging anchored hybrid enrichment and targeted sequence data. <i>American Journal of Botany</i> , 2019, 106, 573-597.	0.8	76
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431	Temporal Changes in Species, Phylogenetic, and Functional Diversity of Temperate Tree Communities: Insights From Assembly Patterns. <i>Frontiers in Plant Science</i> , 2019, 10, 294.	1.7	15
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433	V.PhyloMaker: an R package that can generate very large phylogenies for vascular plants. <i>Ecography</i> , 2019, 42, 1353-1359.	2.1	666
434	Phylogenetic delineation of regional biota: A case study of the Chinese flora. <i>Molecular Phylogenetics and Evolution</i> , 2019, 135, 222-229.	1.2	39
435	Darwin review: angiosperm phylogeny and evolutionary radiations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190099.	1.2	62
436	Biases in assessing the evolutionary history of the angiosperm flora of China. <i>Journal of Biogeography</i> , 2019, 46, 1096-1099.	1.4	5
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#	ARTICLE	IF	CITATIONS
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439	Discriminating among forest communities based on taxonomic, phylogenetic and trait distances. <i>Forest Ecology and Management</i> , 2019, 440, 40-47.	1.4	15
440	Intraspecific differences in spring leaf phenology in relation to tree size in temperate deciduous trees. <i>Tree Physiology</i> , 2019, 39, 782-791.	1.4	13
441	An allometry between seed kernel and seed coat shows greater investment in physical defense in small seeds. <i>American Journal of Botany</i> , 2019, 106, 371-376.	0.8	11
442	Species characteristics affect local extinctions. <i>American Journal of Botany</i> , 2019, 106, 547-559.	0.8	16
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445	Different degrees of water-related stress affect evolutionary diversity in a seasonally dry biome. <i>Oecologia</i> , 2019, 189, 795-802.	0.9	10
446	Phylogenetically informed spatial planning as a tool to prioritise areas for threatened plant conservation within a Mediterranean biodiversity hotspot. <i>Science of the Total Environment</i> , 2019, 665, 1046-1052.	3.9	17
447	Spatial overlaps between the global protected areas network and terrestrial hotspots of evolutionary diversity. <i>Global Ecology and Biogeography</i> , 2019, 28, 757-766.	2.7	54
448	Plant taxonomic richness and phylogenetic diversity across different cities in China. <i>Urban Forestry and Urban Greening</i> , 2019, 39, 55-66.	2.3	20
449	Phylogenetic rewiring in mycorrhizal-plant interaction networks increases community stability in naturally fragmented landscapes. <i>Communications Biology</i> , 2019, 2, 452.	2.0	7
450	Phylogenetic structure and formation mechanism of shrub communities in arid and semiarid areas of the Mongolian Plateau. <i>Ecology and Evolution</i> , 2019, 9, 13320-13331.	0.8	16
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452	Melanism evolution in the cat family is influenced by intraspecific communication under low visibility. <i>PLoS ONE</i> , 2019, 14, e0226136.	1.1	18
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454	Tree Diversity Reduces Fungal Endophyte Richness and Diversity in a Large-Scale Temperate Forest Experiment. <i>Diversity</i> , 2019, 11, 234.	0.7	16
455	Phenotypic plasticity of natural <i>Populus trichocarpa</i> populations in response to temporally environmental change in a common garden. <i>BMC Evolutionary Biology</i> , 2019, 19, 231.	3.2	18

#	ARTICLE	IF	CITATIONS
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457	The Contrasting Responses of Mycorrhizal Fungal Mycelium Associated with Woody Plants to Multiple Environmental Factors. <i>Forests</i> , 2019, 10, 973.	0.9	4
458	The effect of Hengduan Mountains Region (HMR) uplift to environmental changes in the HMR and its eastern adjacent area: Tracing the evolutionary history of <i>Allium</i> section <i>Sikkimensia</i> (Amaryllidaceae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 130, 380-396.	1.2	28
459	Facilitation beyond species richness. <i>Journal of Ecology</i> , 2019, 107, 722-734.	1.9	28
460	Phylogenetic diversity in the Western Ghats biodiversity hotspot reflects environmental filtering and past niche diversification of trees. <i>Journal of Biogeography</i> , 2019, 46, 145-157.	1.4	25
461	Neighborhood diversity simultaneously increased and decreased susceptibility to contrasting herbivores in an early stage forest diversity experiment. <i>Journal of Ecology</i> , 2019, 107, 1492-1505.	1.9	22
462	Drivers of plant species richness and phylogenetic composition in urban yards at the continental scale. <i>Landscape Ecology</i> , 2019, 34, 63-77.	1.9	31
463	Phylogenetic imprint of woody plants on the soil mycobiome in natural mountain forests of eastern China. <i>ISME Journal</i> , 2019, 13, 686-697.	4.4	76
464	Chemistry of floral rewards: intra- and interspecific variability of nectar and pollen secondary metabolites across taxa. <i>Ecological Monographs</i> , 2019, 89, e01335.	2.4	137
465	Goat grazing reduces diversity and leads to functional, taxonomic, and phylogenetic homogenization in an arid shrubland. <i>Land Degradation and Development</i> , 2019, 30, 178-189.	1.8	36
466	Vestured pits and scalariform perforation plate morphology modify the relationships between angiosperm vessel diameter, climate and maximum plant height. <i>New Phytologist</i> , 2019, 221, 1802-1813.	3.5	19
467	Conceptual differences lead to divergent trait estimates in empirical and taxonomic approaches to plant mycorrhizal trait assignment. <i>Mycorrhiza</i> , 2019, 29, 1-11.	1.3	28
468	Conifers but not angiosperms exhibit vulnerability segmentation between leaves and branches in a temperate forest. <i>Tree Physiology</i> , 2019, 39, 454-462.	1.4	16
469	Global Succulent Biome phylogenetic conservatism across the pantropical <i>Caesalpinia</i> Group (Leguminosae). <i>New Phytologist</i> , 2019, 222, 1994-2008.	3.5	64
470	Leaf litter decay rates differ between mycorrhizal groups in temperate, but not tropical, forests. <i>New Phytologist</i> , 2019, 222, 556-564.	3.5	100
471	Of puzzles and pavements: a quantitative exploration of leaf epidermal cell shape. <i>New Phytologist</i> , 2019, 221, 540-552.	3.5	66
472	Embolism resistance drives the distribution of Amazonian rainforest tree species along hydrotopographic gradients. <i>New Phytologist</i> , 2019, 221, 1457-1465.	3.5	123
473	GIFT – A Global Inventory of Floras and Traits for macroecology and biogeography. <i>Journal of Biogeography</i> , 2020, 47, 16-43.	1.4	121

#	ARTICLE	IF	CITATIONS
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475	Diverse trajectories of plastome degradation in holoparasitic <i>Cistanche</i> and genomic location of the lost plastid genes. <i>Journal of Experimental Botany</i> , 2020, 71, 877-892.	2.4	19
476	Advancing an interdisciplinary framework to study seed dispersal ecology. <i>AoB PLANTS</i> , 2020, 12, plz048.	1.2	30
477	Detecting Mosaic Patterns in Macroevolutionary Disparity. <i>American Naturalist</i> , 2020, 195, 129-144.	1.0	2
478	Intensive management and declines in soil nutrients lead to serious exotic plant invasion in <i>Eucalyptus</i> plantations under successive short-rotation regimes. <i>Land Degradation and Development</i> , 2020, 31, 297-310.	1.8	25
479	Extensive mismatches between species distributions and performance and their relationship to functional traits. <i>Ecology Letters</i> , 2020, 23, 33-44.	3.0	34
480	Phylogenetic diversity in the Iberian flora through the Cenozoic. <i>Environmental and Experimental Botany</i> , 2020, 170, 103888.	2.0	8
481	Environmental Filtering Drives Plant Community Assembly Processes in the Riparian Marsh of Downstream Yellow River, China. <i>Wetlands</i> , 2020, 40, 287-298.	0.7	9
482	Plant phylogenetic history explains in-stream decomposition at a global scale. <i>Journal of Ecology</i> , 2020, 108, 17-35.	1.9	30
483	A General and Efficient Algorithm for the Likelihood of Diversification and Discrete-Trait Evolutionary Models. <i>Systematic Biology</i> , 2020, 69, 545-556.	2.7	16
484	Legacy of the Last Glacial on the present-day distribution of deciduous versus evergreen boreal forests. <i>Global Ecology and Biogeography</i> , 2020, 29, 198-206.	2.7	32
485	Does Evolutionary History Correlate with Contemporary Extinction Risk by Influencing Range Size Dynamics?. <i>American Naturalist</i> , 2020, 195, 569-576.	1.0	14
486	Linking plant traits to multiple soil functions in semi-arid ecosystems. <i>Journal of Arid Environments</i> , 2020, 172, 104040.	1.2	15
487	Response of tree diversity and community composition to forest use intensity along a tropical elevational gradient. <i>Applied Vegetation Science</i> , 2020, 23, 69-79.	0.9	18
488	Current climate, isolation and history drive global patterns of tree phylogenetic endemism. <i>Global Ecology and Biogeography</i> , 2020, 29, 4-15.	2.7	43
489	Plant community assembly along a natural metal gradient in central Africa: Functional and phylogenetic approach. <i>Journal of Vegetation Science</i> , 2020, 31, 151-161.	1.1	9
490	Geophytism in monocots leads to higher rates of diversification. <i>New Phytologist</i> , 2020, 225, 1023-1032.	3.5	22
491	Passive rewilding may (also) restore phylogenetically rich and functionally resilient forest plant communities. <i>Ecological Applications</i> , 2020, 30, e02007.	1.8	13

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493	Nitrogen addition gradient can regulate the environmental filtering of soil potassium or phosphorus in shaping the community assembly of alpine meadow. <i>Ecological Indicators</i> , 2020, 109, 105774.	2.6	7
494	Pollinator-mediated facilitation is associated with floral abundance, trait similarity and enhanced community-level fitness. <i>Journal of Ecology</i> , 2020, 108, 1334-1346.	1.9	29
495	Available and missing data to model impact of climate change on European forests. <i>Ecological Modelling</i> , 2020, 416, 108870.	1.2	58
496	Linking yard plant diversity to homeowners'™ landscaping priorities across the U.S. <i>Landscape and Urban Planning</i> , 2020, 196, 103730.	3.4	23
497	TRY plant trait database " enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
498	The potential role of species and functional composition in generating historical constraints on ecosystem processes. <i>Global Ecology and Biogeography</i> , 2020, 29, 207-219.	2.7	8
499	Ectomycorrhizal fungus-associated determinants jointly reflect ecological processes in a temperature broad-leaved mixed forest. <i>Science of the Total Environment</i> , 2020, 703, 135475.	3.9	12
500	DBTree: Very large phylogenies in portable databases. <i>Methods in Ecology and Evolution</i> , 2020, 11, 457-463.	2.2	0
501	Leaf vascular architecture in temperate dicotyledons: correlations and link to functional traits. <i>Planta</i> , 2020, 251, 17.	1.6	9
502	Trait Multi-Functionality in Plant Stress Response. <i>Integrative and Comparative Biology</i> , 2020, 60, 98-112.	0.9	41
503	The Evolution of Functional Traits in Plants: Is the Giant Still Sleeping?. <i>International Journal of Plant Sciences</i> , 2020, 181, 1-8.	0.6	30
504	Phylogenetic structure of angiosperm trees in local forest communities along latitudinal and elevational gradients in eastern North America. <i>Ecography</i> , 2020, 43, 419-430.	2.1	21
505	Species richness and functional-trait effects on fine root biomass along a subtropical tree diversity gradient. <i>Plant and Soil</i> , 2020, 446, 515-527.	1.8	16
506	Contrasting Impacts of Cultivated Exotics on the Functional Diversity of Domestic Gardens in Three Regions with Different Aridity. <i>Ecosystems</i> , 2021, 24, 875-890.	1.6	2
507	Unravelling the small-island effect through phylogenetic community ecology. <i>Journal of Biogeography</i> , 2020, 47, 2341-2352.	1.4	19
508	Regional-Scale In-Depth Analysis of Soil Fungal Diversity Reveals Strong pH and Plant Species Effects in Northern Europe. <i>Frontiers in Microbiology</i> , 2020, 11, 1953.	1.5	126
509	Flower Conspicuousness to Bees Across Pollination Systems: A Generalized Test of the Bee-Avoidance Hypothesis. <i>Frontiers in Plant Science</i> , 2020, 11, 558684.	1.7	16

#	ARTICLE	IF	CITATIONS
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511	Impacts of snow on seed germination are independent of seed traits and plant ecological characteristics in a temperate desert of Central Asia. <i>Journal of Arid Land</i> , 2020, 12, 775-790.	0.9	3
512	Phylogenetic escape from pests reduces pesticides on some crop plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26849-26853.	3.3	8
513	Evolutionary distance explains shade tree selection in agroforestry systems. <i>Agriculture, Ecosystems and Environment</i> , 2020, 304, 107125.	2.5	8
514	Difference between emergent aquatic and terrestrial monocotyledonous herbs in relation to the coordination of leaf stomata with vein traits. <i>AoB PLANTS</i> , 2020, 12, plaa047.	1.2	8
515	Moving Away From Limiting Similarity During Restoration: Timing of Arrival and Native Biomass Are Better Proxies of Invasion Suppression in Grassland Communities. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	26
516	Molecular Clocks without Rocks: New Solutions for Old Problems. <i>Trends in Genetics</i> , 2020, 36, 845-856.	2.9	32
517	Asterid Phylogenomics/Phylotranscriptomics Uncover Morphological Evolutionary Histories and Support Phylogenetic Placement for Numerous Whole-Genome Duplications. <i>Molecular Biology and Evolution</i> , 2020, 37, 3188-3210.	3.5	82
518	Climate and phylogenetic history structure morphological and architectural trait variation among fine-root orders. <i>New Phytologist</i> , 2020, 228, 1824-1834.	3.5	25
519	Abundance, origin, and phylogeny of plants do not predict community-level patterns of pathogen diversity and infection. <i>Ecology and Evolution</i> , 2020, 10, 5506-5516.	0.8	5
520	Examining differences in phylogenetic composition enhances understanding of the phylogenetic structure of the shrub community in the northeastern Qinghai-Tibetan Plateau. <i>Ecology and Evolution</i> , 2020, 10, 6723-6731.	0.8	4
521	Revisiting biotic and abiotic drivers of seedling establishment, natural enemies and survival in a tropical tree species in a West Africa semi-arid biosphere reserve. <i>Journal of Environmental Management</i> , 2020, 276, 111268.	3.8	5
522	Seed Survival at Low Temperatures: A Potential Selecting Factor Influencing Community Level Changes in High Altitudes under Climate Change. <i>Critical Reviews in Plant Sciences</i> , 2020, 39, 479-492.	2.7	8
523	Rapid recovery of phylogenetic diversity, community structure and composition of Bornean tropical forest a decade after logging and post-logging silvicultural interventions. <i>Forest Ecology and Management</i> , 2020, 476, 118467.	1.4	10
524	Influence of habitat on the phylogenetic structure of <i>Robinia pseudoacacia</i> forests in the eastern Loess Plateau, China. <i>Global Ecology and Conservation</i> , 2020, 24, e01199.	1.0	3
525	Land use and pollinator dependency drives global patterns of pollen limitation in the Anthropocene. <i>Nature Communications</i> , 2020, 11, 3999.	5.8	84
526	Peak plant diversity during early forest development in the western United States. <i>Forest Ecology and Management</i> , 2020, 475, 118410.	1.4	2
527	Among-population variation in seed mass for 190 Tibetan plant species: Phylogenetic pattern and ecological correlates. <i>Global Ecology and Conservation</i> , 2020, 23, e01163.	1.0	4

#	ARTICLE	IF	CITATIONS
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529	Macro-scale variation and environmental predictors of flowering and fruiting phenology in the Chinese angiosperm flora. <i>Journal of Biogeography</i> , 2020, 47, 2303-2314.	1.4	20
530	Climbing strategy in herbs does not necessarily lead to lower investments into stem biomass. <i>Plant Ecology</i> , 2020, 221, 1159-1166.	0.7	3
531	Phylogenetic and functional distinctiveness explain alien plant population responses to competition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201070.	1.2	10
532	From Carlquist's ecological wood anatomy to Carlquist's Law: why comparative anatomy is crucial for functional xylem biology. <i>American Journal of Botany</i> , 2020, 107, 1328-1341.	0.8	25
533	Does <i>Cathaya argyrophylla</i> , an ancient and threatened Pinaceae species endemic to China, show eco-physiological outliers to its Pinaceae relatives?. , 2020, 8, coaa094.		4
534	The Evolution of Annual and Perennial Plant Life Histories: Ecological Correlates and Genetic Mechanisms. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 461-481.	3.8	64
535	Across climates and species, higher vapour pressure deficit is associated with wider vessels for plants of the same height. <i>Plant, Cell and Environment</i> , 2020, 43, 3068-3080.	2.8	13
536	Rapid climate change results in long-lasting spatial homogenization of phylogenetic diversity. <i>Nature Communications</i> , 2020, 11, 4663.	5.8	23
537	Angiosperms at the edge: Extremity, diversity, and phylogeny. <i>Plant, Cell and Environment</i> , 2020, 43, 2871-2893.	2.8	32
538	Dominant community mycorrhizal types influence local spatial structure between adult and juvenile temperate forest tree communities. <i>Functional Ecology</i> , 2020, 34, 2571-2583.	1.7	7
539	Spatial Patterns and Drivers of Angiosperm Sexual Systems in China Differ Between Woody and Herbaceous Species. <i>Frontiers in Plant Science</i> , 2020, 11, 1222.	1.7	4
540	Adaptation and coordinated evolution of plant hydraulic traits. <i>Ecology Letters</i> , 2020, 23, 1599-1610.	3.0	58
541	Scale dependence in the phylogenetic relatedness of alien and native taxa. <i>Journal of Plant Ecology</i> , 2020, 13, 601-610.	1.2	5
542	Application of remote sensing technology to estimate productivity and assess phylogenetic heritability. <i>Applications in Plant Sciences</i> , 2020, 8, e11401.	0.8	12
543	The evolution of fruit scent: phylogenetic and developmental constraints. <i>BMC Evolutionary Biology</i> , 2020, 20, 138.	3.2	13
544	Noise does not equal bias in assessing the evolutionary history of the angiosperm flora of China: A response to Qian (2019). <i>Journal of Biogeography</i> , 2020, 47, 2286-2291.	1.4	4
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#	ARTICLE	IF	CITATIONS
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547	Dynamism and context-dependency in diversification of the megadiverse plant genus <i>Solanum</i> (Solanaceae). <i>Journal of Systematics and Evolution</i> , 2020, 58, 767-782.	1.6	27
548	Intraspecific and interspecific variation in floral volatiles over time. <i>Plant Ecology</i> , 2020, 221, 529-544.	0.7	5
549	Latitudinal and elevational patterns of phylogenetic structure in forest communities in China's mountains. <i>Science China Life Sciences</i> , 2020, 63, 1895-1904.	2.3	8
550	Freezing and water availability structure the evolutionary diversity of trees across the Americas. <i>Science Advances</i> , 2020, 6, eaaz5373.	4.7	50
551	Biogeography and evidence for adaptive explanations of autumn colors. <i>New Phytologist</i> , 2020, 228, 809-813.	3.5	15
552	Global variation in the thermal tolerances of plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13580-13587.	3.3	104
553	An updated Chinese vascular plant tree of life: Phylogenetic diversity hotspots revisited. <i>Journal of Systematics and Evolution</i> , 2020, 58, 663-672.	1.6	31
554	Taxonomic, Phylogenetic, and Functional Diversity of Ferns at Three Differently Disturbed Sites in Longnan County, China. <i>Diversity</i> , 2020, 12, 135.	0.7	12
555	Comparative litter decomposability traits of selected native and exotic woody species from an urban environment of north-western Siwalik region, India. <i>Scientific Reports</i> , 2020, 10, 7888.	1.6	4
556	Offspring polymorphism and bet hedging: a large-scale, phylogenetic analysis. <i>Ecology Letters</i> , 2020, 23, 1223-1231.	3.0	24
557	Phylogenetic patterns of shrub communities along the longitudinal and latitudinal gradients on the northeastern Qinghai-Tibetan Plateau. <i>Journal of Mountain Science</i> , 2020, 17, 1106-1114.	0.8	4
558	Macroevolutionary patterns in seed component mass and different evolutionary trajectories across seed desiccation responses. <i>New Phytologist</i> , 2020, 228, 770-777.	3.5	7
559	Estimating rates and patterns of diversification with incomplete sampling: a case study in the rosids. <i>American Journal of Botany</i> , 2020, 107, 895-909.	0.8	17
560	Independent evolutionary changes in fine-root traits among main clades during the diversification of seed plants. <i>New Phytologist</i> , 2020, 228, 541-553.	3.5	24
561	Cumulative effects of multiple biodiversity attributes and abiotic factors on ecosystem multifunctionality in the Jinsha River valley of southwestern China. <i>Forest Ecology and Management</i> , 2020, 472, 118281.	1.4	37
562	Identifying biodiversity knowledge gaps for conserving South Africa's endemic flora. <i>Biodiversity and Conservation</i> , 2020, 29, 2803-2819.	1.2	26
563	On the sunny side of the crown—quantification of intra-canopy SLA variation among 179 taxa. <i>Forest Ecology and Management</i> , 2020, 472, 118254.	1.4	10

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565	Allometric co-variation of xylem and stomata across diverse woody seedlings. <i>Plant, Cell and Environment</i> , 2020, 43, 2301-2310.	2.8	13
566	Changes in taxonomic and phylogenetic diversity in the Anthropocene. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200777.	1.2	52
567	Fire as a Selective Agent for both Serotiny and Nonserotiny Over Space and Time. <i>Critical Reviews in Plant Sciences</i> , 2020, 39, 140-172.	2.7	59
568	Red flowers differ in shades between pollination systems and across continents. <i>Annals of Botany</i> , 2020, 126, 837-848.	1.4	34
569	Divergence in Plant Traits and Increased Modularity Underlie Repeated Transitions Between Low and High Elevations in the Andean Genus <i>Leucheria</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 714.	1.7	3
570	The phylogenetic signal of diversification rates. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 1432-1436.	0.6	2
571	Xylem vessel diameter-shoot length scaling: ecological significance of porosity types and other traits. <i>Ecological Monographs</i> , 2020, 90, e01410.	2.4	40
572	Global gradients in intraspecific variation in vegetative and floral traits are partially associated with climate and species richness. <i>Global Ecology and Biogeography</i> , 2020, 29, 992-1007.	2.7	51
573	Tunicate bulb size variation in monocots explained by temperature and phenology. <i>Ecology and Evolution</i> , 2020, 10, 2299-2309.	0.8	10
574	Climatic-niche evolution follows similar rules in plants and animals. <i>Nature Ecology and Evolution</i> , 2020, 4, 753-763.	3.4	49
575	Patterns and Processes of Diversification in Amazonian White Sand Ecosystems: Insights from Birds and Plants. <i>Fascinating Life Sciences</i> , 2020, , 245-270.	0.5	25
576	Taxonomic, phylogenetic, and functional composition and homogenization of residential yard vegetation with contrasting management. <i>Landscape and Urban Planning</i> , 2020, 202, 103877.	3.4	19
577	The fungal collaboration gradient dominates the root economics space in plants. <i>Science Advances</i> , 2020, 6, .	4.7	377
578	Long-term droughts may drive drier tropical forests towards increased functional, taxonomic and phylogenetic homogeneity. <i>Nature Communications</i> , 2020, 11, 3346.	5.8	61
579	Recent accelerated diversification in rosids occurred outside the tropics. <i>Nature Communications</i> , 2020, 11, 3333.	5.8	43
580	The legacy of biogeographic history on the composition and structure of Andean forests. <i>Ecology</i> , 2020, 101, e03131.	1.5	11
581	Intraspecific variation in spring leaf phenology and duration of leaf expansion in relation to leaf habit and leaf size of temperate tree species. <i>Plant Ecology</i> , 2020, 221, 939-950.	0.7	7

#	ARTICLE	IF	CITATIONS
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583	Plant ecological indicator values as predictors of fine-root trait variations. <i>Journal of Ecology</i> , 2020, 108, 1565-1577.	1.9	29
584	Functional diversity of leaf litter mixtures slows decomposition of labile but not recalcitrant carbon over two years. <i>Ecological Monographs</i> , 2020, 90, e01407.	2.4	55
585	Integrating host plant phylogeny, plant traits, intraspecific competition and repeated measures using a phylogenetic mixed model of field behaviour by polyphagous herbivores, the leaf-cutting ants. <i>Journal of Tropical Ecology</i> , 2020, 36, 80-86.	0.5	1
586	Above- and below-ground biodiversity jointly regulate temperate forest multifunctionality along a local-scale environmental gradient. <i>Journal of Ecology</i> , 2020, 108, 2012-2024.	1.9	74
587	Horticultural availability and homeowner preferences drive plant diversity and composition in urban yards. <i>Ecological Applications</i> , 2020, 30, e02082.	1.8	30
588	Temporal variation in the roles of exotic and native plant species in plant-pollinator networks. <i>Ecosphere</i> , 2020, 11, e02981.	1.0	9
589	Closely-related species of hyperaccumulating plants and their ability in accumulation of As, Cd, Cu, Mn, Ni, Pb and Zn. <i>Chemosphere</i> , 2020, 251, 126334.	4.2	24
590	Species-area relationships on small islands differ among plant growth forms. <i>Global Ecology and Biogeography</i> , 2020, 29, 814-829.	2.7	30
591	Preferential gene retention increases the robustness of cold regulation in Brassicaceae and other plants after polyploidization. <i>Horticulture Research</i> , 2020, 7, 20.	2.9	47
592	Testing Finch's hypothesis: The role of organismal modularity on the escape from actuarial senescence. <i>Functional Ecology</i> , 2020, 34, 88-106.	1.7	19
593	Influence of climate stability on endemism of the vascular plants of the Chihuahuan Desert. <i>Journal of Arid Environments</i> , 2020, 177, 104139.	1.2	12
594	Patterns of plant naturalization show that facultative mycorrhizal plants are more likely to succeed outside their native Eurasian ranges. <i>Ecography</i> , 2020, 43, 648-659.	2.1	18
595	Angiosperm speciation cools down in the tropics. <i>Ecology Letters</i> , 2020, 23, 692-700.	3.0	78
596	Association of leaf silicon content with chronic wind exposure across and within herbaceous plant species. <i>Global Ecology and Biogeography</i> , 2020, 29, 711-721.	2.7	5
597	Crop Origins and Phylo Food: A database and a phylogenetic tree to stimulate comparative analyses on the origins of food crops. <i>Global Ecology and Biogeography</i> , 2020, 29, 606-614.	2.7	29
598	Related plants tend to share pollinators and herbivores, but strength of phylogenetic signal varies among plant families. <i>New Phytologist</i> , 2020, 226, 909-920.	3.5	19
599	Cheating in arbuscular mycorrhizal mutualism: a network and phylogenetic analysis of mycoheterotrophy. <i>New Phytologist</i> , 2020, 226, 1822-1835.	3.5	30

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601	Clade composition of a plant community indicates its phylogenetic diversity. <i>Ecology and Evolution</i> , 2020, 10, 3747-3757.	0.8	1
602	Plant functional $\hat{\lambda}^2$ diversity is an important mediator of effects of aridity on soil multifunctionality. <i>Science of the Total Environment</i> , 2020, 726, 138529.	3.9	42
603	Leaf size of woody dicots predicts ecosystem primary productivity. <i>Ecology Letters</i> , 2020, 23, 1003-1013.	3.0	41
604	Using species abundance and phylogeny conjointly to approach vegetation classification: A case study on Macaronesia's woody vegetation. <i>Journal of Vegetation Science</i> , 2020, 31, 616-633.	1.1	4
605	Changes in functional, phylogenetic and taxonomic diversities of lowland fens under different vegetation and disturbance levels. <i>Plant Ecology</i> , 2020, 221, 441-457.	0.7	10
606	Environmental stressors affect sex ratios in sexually dimorphic plant sexual systems. <i>Plant Biology</i> , 2020, 22, 890-898.	1.8	7
607	Evolutionarily conserved plant genes responsive to root-knot nematodes identified by comparative genomics. <i>Molecular Genetics and Genomics</i> , 2020, 295, 1063-1078.	1.0	14
608	Successional habitat filtering of rainforest trees is explained by potential growth more than by functional traits. <i>Functional Ecology</i> , 2020, 34, 1438-1447.	1.7	4
609	The effects of land degradation on plant community assembly: Implications for the restoration of the Tibetan Plateau. <i>Land Degradation and Development</i> , 2020, 31, 2819-2829.	1.8	7
610	Phylogenetic conservatism and biogeographic affinity influence woody plant species richness-climate relationships in eastern Eurasia. <i>Ecography</i> , 2020, 43, 1027-1040.	2.1	13
611	Biogeography and phylogeny of masting: do global patterns fit functional hypotheses?. <i>New Phytologist</i> , 2020, 227, 1557-1567.	3.5	41
612	Phylogenetic analysis of secondary metabolites in a plant community provides evidence for trade-offs between biotic and abiotic stress tolerance. <i>Evolutionary Ecology</i> , 2020, 34, 439-451.	0.5	6
613	Do visual traits honestly signal floral rewards at community level?. <i>Functional Ecology</i> , 2021, 35, 369-383.	1.7	28
614	Allelopathy is pervasive in invasive plants. <i>Biological Invasions</i> , 2021, 23, 367-371.	1.2	75
615	Effects of disturbance and alien plants on the phylogenetic structure of riverine communities. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	10
616	Global patterns of biomass allocation in woody species with different tolerances of shade and drought: evidence for multiple strategies. <i>New Phytologist</i> , 2021, 229, 308-322.	3.5	43
617	Contrasting patterns of phylogenetic diversity across climatic zones of Western Ghats: A biodiversity hotspot in peninsular India. <i>Journal of Systematics and Evolution</i> , 2021, 59, 240-250.	1.6	8

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619	Shade alters savanna grass layer structure and function along a gradient of canopy cover. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	22
620	Effect of allelopathy on plant performance: a meta-analysis. <i>Ecology Letters</i> , 2021, 24, 348-362.	3.0	133
621	Functional seed traits and germination patterns predict species coexistence in Northeast Mediterranean foredune communities. <i>Annals of Botany</i> , 2021, 127, 361-370.	1.4	11
622	A targeted phylogenetic approach helps explain New World functional diversity patterns of two eudicot lineages. <i>Journal of Biogeography</i> , 2021, 48, 202-215.	1.4	1
623	Plant traits interplay to balance pollen limitation in the Brazilian seasonal dry forest: A meta-analysis. <i>Journal of Arid Environments</i> , 2021, 186, 104408.	1.2	2
624	Lianas explore the forest canopy more effectively than trees under drier conditions. <i>Functional Ecology</i> , 2021, 35, 318-329.	1.7	15
625	A global analysis of enemy release and its variation with latitude. <i>Global Ecology and Biogeography</i> , 2021, 30, 277-288.	2.7	15
626	Evolutionary heritage shapes tree distributions along an Amazon-Andes elevation gradient. <i>Biotropica</i> , 2021, 53, 38-50.	0.8	15
627	Distribution of seed dormancy classes across a fire-prone continent: effects of rainfall seasonality and temperature. <i>Annals of Botany</i> , 2021, 127, 613-620.	1.4	9
628	Phylogenetic regionalization of tree assemblages reveals novel patterns of evolutionary affinities in the Atlantic Forest. <i>Journal of Biogeography</i> , 2021, 48, 798-810.	1.4	12
629	Plant taxonomic and phylogenetic turnover increases toward climatic extremes and depends on historical factors in European beech forests. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	7
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631	Are phylogenies resolved at the genus level appropriate for studies on phylogenetic structure of species assemblages?. <i>Plant Diversity</i> , 2021, 43, 255-263.	1.8	73
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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657	Pollen sterols are associated with phylogeny and environment but not with pollinator guilds. <i>New Phytologist</i> , 2021, 230, 1169-1184.	3.5	26
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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1108	Accuracy of mutual predictions of plant and microbial communities vary along a successional gradient in an alpine glacier forefield. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	3
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