

# Fay-Wei Li

## List of Publications by Year in descending order

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Version: 2024-02-01

300  
papers

15,070  
citations

30551

56  
h-index

33145

104  
g-index

311  
all docs

311  
docs citations

311  
times ranked

15035  
citing authors

#	ARTICLE	IF	CITATIONS
1	An elliptical blade is not a true ellipse, but a superellipse—Evidence from two <i>Michelia</i> species. <i>Journal of Forestry Research</i> , 2022, 33, 1341-1348.	1.7	6
2	Variation in plant carbon, nitrogen and phosphorus contents across the drylands of China. <i>Functional Ecology</i> , 2022, 36, 174-186.	1.7	18
3	A whole-plant economics spectrum including bark functional traits for 59 subtropical woody plant species. <i>Journal of Ecology</i> , 2022, 110, 248-261.	1.9	27
4	Step-by-step protocol for the isolation and transient transformation of hornwort protoplasts. <i>Applications in Plant Sciences</i> , 2022, 10, e11456.	0.8	12
5	Accelerating gametophytic growth in the model hornwort <i>Anthoceros agrestis</i> . <i>Applications in Plant Sciences</i> , 2022, 10, e11460.	0.8	8
6	Influence of Leaf Age on the Scaling Relationships of Lamina Mass vs. Area. <i>Frontiers in Plant Science</i> , 2022, 13, 860206.	1.7	12
7	Scaling relationships of leaf vein and areole traits versus leaf size for nine Magnoliaceae species differing in venation density. <i>American Journal of Botany</i> , 2022, 109, 899-909.	0.8	16
8	Characterizing Culturable Bacterial Endophytes of Five Lycopodiaceae Species. <i>American Fern Journal</i> , 2022, 112, .	0.2	0
9	The flying spider-monkey tree fern genome provides insights into fern evolution and arborescence. <i>Nature Plants</i> , 2022, 8, 500-512.	4.7	42
10	Dynamic plastid and mitochondrial genomes in Chaetopeltidales (Chlorophyceae) and characterization of a new chlorophyte taxon. <i>American Journal of Botany</i> , 2022, 109, 939-951.	0.8	3
11	The hornworts: morphology, evolution and development. <i>New Phytologist</i> , 2021, 229, 735-754.	3.5	72
12	Plant volatiles mediate evolutionary interactions between plants and tephritid flies and are evolutionarily more labile than non-volatile defenses. <i>Journal of Animal Ecology</i> , 2021, 90, 846-858.	1.3	1
13	Charting the genomic landscape of seed-free plants. <i>Nature Plants</i> , 2021, 7, 554-565.	4.7	47
14	Effects of biotic and abiotic factors on forest biomass fractions. <i>National Science Review</i> , 2021, 8, nwab025.	4.6	28
15	Dietary differences between grasshoppers are associated with life history tradeoffs in an alpine meadow. <i>Ecological Research</i> , 2021, 36, 842-853.	0.7	6
16	A novel thylakoid-less isolate fills a billion-year gap in the evolution of Cyanobacteria. <i>Current Biology</i> , 2021, 31, 2857-2867.e4.	1.8	30
17	An <i>Agrobacterium</i> -mediated stable transformation technique for the hornwort model <i>Anthoceros agrestis</i> . <i>New Phytologist</i> , 2021, 232, 1488-1505.	3.5	18
18	A General Model for Describing the Ovate Leaf Shape. <i>Symmetry</i> , 2021, 13, 1524.	1.1	7

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19	The diversity and community structure of symbiotic cyanobacteria in hornworts inferred from long-read amplicon sequencing. <i>American Journal of Botany</i> , 2021, 108, 1731-1744.	0.8	26
20	Climate change affects detritus decomposition rates by modifying arthropod performance and species interactions. <i>Current Opinion in Insect Science</i> , 2021, 47, 62-66.	2.2	7
21	Linkage between species traits and plant phenology in an alpine meadow. <i>Oecologia</i> , 2021, 195, 409-419.	0.9	27
22	<i>Monodopsis</i> and <i>Vischeria</i> Genomes Shed New Light on the Biology of Eustigmatophyte Algae. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	8
23	Underwater CAM photosynthesis elucidated by <i>Isoetes</i> genome. <i>Nature Communications</i> , 2021, 12, 6348.	5.8	56
24	Decolonizing botanical genomics. <i>Nature Plants</i> , 2021, 7, 1542-1543.	4.7	9
25	On the evolutionary significance of horizontal gene transfers in plants. <i>New Phytologist</i> , 2020, 225, 113-117.	3.5	59
26	A global phylogeny of <i>Stegnogramma</i> ferns (Thelypteridaceae): generic and sectional revision, historical biogeography and evolution of leaf architecture. <i>Cladistics</i> , 2020, 36, 164-183.	1.5	10
27	Organellomic data sets confirm a cryptic consensus on (unrooted) land-plant relationships and provide new insights into bryophyte molecular evolution. <i>American Journal of Botany</i> , 2020, 107, 91-115.	0.8	38
28	The many roads to and from multicellularity. <i>Journal of Experimental Botany</i> , 2020, 71, 3247-3253.	2.4	32
29	Comparison of the Scaling Relationships of Leaf Biomass versus Surface Area between Spring and Summer for Two Deciduous Tree Species. <i>Forests</i> , 2020, 11, 1010.	0.9	19
30	Water content quantitatively affects metabolic rates over the course of plant ontogeny. <i>New Phytologist</i> , 2020, 228, 1524-1534.	3.5	25
31	A step-by-step protocol for meiotic chromosome counts in flowering plants: A powerful and economical technique revisited. <i>Applications in Plant Sciences</i> , 2020, 8, e11342.	0.8	15
32	Plant science decadal vision 2020–2030: Reimagining the potential of plants for a healthy and sustainable future. <i>Plant Direct</i> , 2020, 4, e00252.	0.8	26
33	Allocation Strategies for Seed Nitrogen and Phosphorus in an Alpine Meadow Along an Altitudinal Gradient on the Tibetan Plateau. <i>Frontiers in Plant Science</i> , 2020, 11, 614644.	1.7	9
34	A Superellipse with Deformation and Its Application in Describing the Cross-Sectional Shapes of a Square Bamboo. <i>Symmetry</i> , 2020, 12, 2073.	1.1	17
35	The Leaf Economics Spectrum Constrains Phenotypic Plasticity Across a Light Gradient. <i>Frontiers in Plant Science</i> , 2020, 11, 735.	1.7	14
36	<i>Anthoceros</i> genomes illuminate the origin of land plants and the unique biology of hornworts. <i>Nature Plants</i> , 2020, 6, 259-272.	4.7	225

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37	Leaf Bilateral Symmetry and the Scaling of the Perimeter vs. the Surface Area in 15 Vine Species. <i>Forests</i> , 2020, 11, 246.	0.9	19
38	An ancestral signalling pathway is conserved in intracellular symbioses-forming plant lineages. <i>Nature Plants</i> , 2020, 6, 280-289.	4.7	150
39	Morphological (and not anatomical or reproductive) features define early vascular plant phylogenetic relationships. <i>American Journal of Botany</i> , 2020, 107, 477-488.	0.8	9
40	Plant type dominates fine-root C:N:P stoichiometry across China: A meta-analysis. <i>Journal of Biogeography</i> , 2020, 47, 1019-1029.	1.4	29
41	Extremely low genetic diversity in the European clade of the model bryophyte <i>Anthoceros agrestis</i> . <i>Plant Systematics and Evolution</i> , 2020, 306, 1.	0.3	1
42	Leaf shape influences the scaling of leaf dry mass vs. area: a test case using bamboos. <i>Annals of Forest Science</i> , 2020, 77, 1.	0.8	29
43	The scaling of fine root nitrogen versus phosphorus in terrestrial plants: A global synthesis. <i>Functional Ecology</i> , 2019, 33, 2081-2094.	1.7	35
44	Phylogenetic Methods to Study Light Signaling. <i>Methods in Molecular Biology</i> , 2019, 2026, 265-276.	0.4	0
45	Complete Genomes of Symbiotic Cyanobacteria Clarify the Evolution of Vanadium-Nitrogenase. <i>Genome Biology and Evolution</i> , 2019, 11, 1959-1964.	1.1	45
46	Large-scale phylogenomic analysis suggests three ancient superclades of the WUSCHEL-RELATED HOMEBOX transcription factor family in plants. <i>PLoS ONE</i> , 2019, 14, e0223521.	1.1	55
47	Reconstructing trait evolution in plant evo-devo studies. <i>Current Biology</i> , 2019, 29, R1110-R1118.	1.8	47
48	A first glimpse at genes important to the <i>Azolla</i> - <i>Nostoc</i> symbiosis. <i>Symbiosis</i> , 2019, 78, 149-162.	1.2	26
49	A general review of the biomechanics of root anchorage. <i>Journal of Experimental Botany</i> , 2019, 70, 3439-3451.	2.4	56
50	NCP activates chloroplast transcription by controlling phytochrome-dependent dual nuclear and plastidial switches. <i>Nature Communications</i> , 2019, 10, 2630.	5.8	38
51	Lamina shape does not correlate with lamina surface area: An analysis based on the simplified Gielis equation. <i>Global Ecology and Conservation</i> , 2019, 19, e00666.	1.0	35
52	Suboptimal oviposition of tephritid flies supports parasitoid wasps. <i>Ecological Entomology</i> , 2019, 44, 717-720.	1.1	3
53	Influence of the physical dimension of leaf size measures on the goodness of fit for Taylor's power law using 101 bamboo taxa. <i>Global Ecology and Conservation</i> , 2019, 19, e00657.	1.0	6
54	Life history strategies drive size-dependent biomass allocation patterns of dryland ephemerals and shrubs. <i>Ecosphere</i> , 2019, 10, e02709.	1.0	22

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55	Stem Diameter (and Not Length) Limits Twig Leaf Biomass. <i>Frontiers in Plant Science</i> , 2019, 10, 185.	1.7	19
56	Stem and leaf growth rates define the leaf size vs. number trade-off. <i>AoB PLANTS</i> , 2019, 11, plz063.	1.2	8
57	One thousand plant transcriptomes and the phylogenomics of green plants. <i>Nature</i> , 2019, 574, 679-685.	13.7	1,162
58	Polarity, planes of cell division, and the evolution of plant multicellularity. <i>Protoplasma</i> , 2019, 256, 585-599.	1.0	14
59	Ferns: The Final Frond-tier in Plant Model Systems. <i>American Fern Journal</i> , 2019, 109, 192.	0.2	7
60	A Roadmap for Fern Genome Sequencing. <i>American Fern Journal</i> , 2019, 109, 212.	0.2	18
61	10KP: A phylodiverse genome sequencing plan. <i>GigaScience</i> , 2018, 7, 1-9.	3.3	169
62	A guide to sequence your favorite plant genomes. <i>Applications in Plant Sciences</i> , 2018, 6, e1030.	0.8	66
63	The evolutionary origins of cell type diversification and the role of intrinsically disordered proteins. <i>Journal of Experimental Botany</i> , 2018, 69, 1437-1446.	2.4	52
64	A novel chloroplast gene reported for flagellate plants. <i>American Journal of Botany</i> , 2018, 105, 117-121.	0.8	9
65	Phloem networks in leaves. <i>Current Opinion in Plant Biology</i> , 2018, 43, 29-35.	3.5	32
66	Global leaf nitrogen and phosphorus stoichiometry and their scaling exponent. <i>National Science Review</i> , 2018, 5, 728-739.	4.6	121
67	Domestic honeybees affect the performance of pre-dispersal seed predators in an alpine meadow. <i>Oecologia</i> , 2018, 187, 113-122.	0.9	6
68	Is there foul play in the leaf pocket? The metagenome of floating fern <i>Azolla</i> reveals endophytes that do not fix N <sub>2</sub> but may denitrify. <i>New Phytologist</i> , 2018, 217, 453-466.	3.5	42
69	The <i>Physcomitrella patens</i> chromosome-scale assembly reveals moss genome structure and evolution. <i>Plant Journal</i> , 2018, 93, 515-533.	2.8	406
70	Domesticated honeybees facilitate interspecific hybridization between two <i>Taraxacum</i> congeners. <i>Journal of Ecology</i> , 2018, 106, 1204-1216.	1.9	5
71	Dynamical Patterning Modules, Biogenic Materials, and the Evolution of Multicellular Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 871.	1.7	46
72	Global Data Analysis Shows That Soil Nutrient Levels Dominate Foliar Nutrient Resorption Efficiency in Herbaceous Species. <i>Frontiers in Plant Science</i> , 2018, 9, 1431.	1.7	14

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73	Evolution of Protein Ductility in Duplicated Genes of Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 1216.	1.7	9
74	Order-level fern plastome phylogenomics: new insights from Hymenophyllales. <i>American Journal of Botany</i> , 2018, 105, 1545-1555.	0.8	30
75	Linking species performance to community structure as affected by UV-B radiation: an attenuation experiment. <i>Journal of Plant Ecology</i> , 2018, 11, 286-296.	1.2	10
76	Fern genomes elucidate land plant evolution and cyanobacterial symbioses. <i>Nature Plants</i> , 2018, 4, 460-472.	4.7	391
77	Organelle Genome Inheritance in <i>Deparia</i> Ferns (Athiriaceae, Aspleniineae, Polypodiales). <i>Frontiers in Plant Science</i> , 2018, 9, 486.	1.7	21
78	A worldwide phylogeny of <i>Adiantum</i> (Pteridaceae) reveals remarkable convergent evolution in leaf blade architecture. <i>Taxon</i> , 2018, 67, 488-502.	0.4	20
79	Admixture, evolution, and variation in reproductive isolation in the <i>Boechera puberula</i> clade. <i>BMC Evolutionary Biology</i> , 2018, 18, 61.	3.2	8
80	Genome-wide organellar analyses from the hornwort <i>Leiosporoceros dussii</i> show low frequency of RNA editing. <i>PLoS ONE</i> , 2018, 13, e0200491.	1.1	24
81	The phycocyanobilin chromophore of streptophyte algal phytochromes is synthesized by HY2. <i>New Phytologist</i> , 2017, 214, 1145-1157.	3.5	27
82	The scaling of the hydraulic architecture in poplar leaves. <i>New Phytologist</i> , 2017, 214, 145-157.	3.5	34
83	Hornworts: An Overlooked Window into Carbon-Concentrating Mechanisms. <i>Trends in Plant Science</i> , 2017, 22, 275-277.	4.3	25
84	Identifying Morphological and Mechanical Traits Associated with Stem Lodging in Bioenergy Sorghum ( <i>Sorghum bicolor</i> ). <i>Bioenergy Research</i> , 2017, 10, 635-647.	2.2	35
85	The hydraulic architecture of <i>Ginkgo</i> leaves. <i>American Journal of Botany</i> , 2017, 104, 1285-1298.	0.8	20
86	Size-dependent variation in plant form. <i>Current Biology</i> , 2017, 27, R900-R905.	1.8	6
87	“Diminishing returns” in the scaling of leaf area vs. dry mass in Wuyi Mountain bamboos, Southeast China. <i>American Journal of Botany</i> , 2017, 104, 993-998.	0.8	32
88	<i>Boechera</i> microsatellite website: an online portal for species identification and determination of hybrid parentage. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	1.4	33
89	Boron and the evolutionary development of roots. <i>Plant Signaling and Behavior</i> , 2017, 12, e1320631.	1.2	11
90	Leaping lizards landing on leaves: escape-induced jumps in the rainforest canopy challenge the adhesive limits of geckos. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170156.	1.5	20

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91	The evolution of hydrophobic cell wall biopolymers: from algae to angiosperms. <i>Journal of Experimental Botany</i> , 2017, 68, 5261-5269.	2.4	83
92	From Goethe's plant archetype via Haeckel's biogenetic law to plant evo-devo 2016. <i>Theory in Biosciences</i> , 2017, 136, 49-57.	0.6	6
93	The evolutionary ecology (evo-eco) of plant asexual reproduction. <i>Evolutionary Ecology</i> , 2017, 31, 317-332.	0.5	20
94	Next-generation polyploid phylogenetics: rapid resolution of hybrid polyploid complexes using PacBio single-molecule sequencing. <i>New Phytologist</i> , 2017, 213, 413-429.	3.5	77
95	Comment on "Critical wind speed at which trees break". <i>Physical Review E</i> , 2016, 94, 067001.	0.8	15
96	A community-derived classification for extant lycophytes and ferns. <i>Journal of Systematics and Evolution</i> , 2016, 54, 563-603.	1.6	1,040
97	Microbial-type terpene synthase genes occur widely in nonseed land plants, but not in seed plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12328-12333.	3.3	70
98	A predictive nondestructive model for the covariation of tree height, diameter and stem volume scaling relationships. <i>Scientific Reports</i> , 2016, 6, 31008.	1.6	10
99	Super-resolution ribosome profiling reveals unannotated translation events in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7126-E7135.	3.3	222
100	Genes Translocated into the Plastid Inverted Repeat Show Decelerated Substitution Rates and Elevated GC Content. <i>Genome Biology and Evolution</i> , 2016, 8, 2452-2458.	1.1	66
101	Genetic analysis of <i>Physcomitrella patens</i> identifies ABSCISIC ACID NON-RESPONSIVE (ANR), a regulator of ABA responses unique to basal land plants and required for desiccation tolerance. <i>Plant Cell</i> , 2016, 28, tpc.00091.2016.	3.1	98
102	Spatiotemporal distribution of essential elements through <i>Populus</i> leaf ontogeny. <i>Journal of Experimental Botany</i> , 2016, 67, 2777-2786.	2.4	8
103	The evolution of the plant genome-to-morphology auxin circuit. <i>Theory in Biosciences</i> , 2016, 135, 175-186.	0.6	5
104	<i>Asplenium pifongiae</i> (Aspleniaceae: Polypodiales), a New Species from Taiwan. <i>Systematic Botany</i> , 2016, 41, 24-31.	0.2	4
105	Evolutionary aspects of plant photoreceptors. <i>Journal of Plant Research</i> , 2016, 129, 115-122.	1.2	40
106	Maidenhair Ferns, <i>Adiantum</i> , are Indeed Monophyletic and Sister to Shoestring Ferns, Vittarioids (Pteridaceae). <i>Systematic Botany</i> , 2016, 41, 17-23.	0.2	21
107	Searching for Diamonds in the Apomictic Rough: A Case Study Involving <i>Boechera lignifera</i> (Brassicaceae). <i>Systematic Botany</i> , 2016, 40, 1031-1044.	0.2	17
108	Measuring the tempo of plant death and birth. <i>New Phytologist</i> , 2015, 207, 254-256.	3.5	2

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109	Rethinking gene regulatory networks in light of alternative splicing, intrinsically disordered protein domains, and post-translational modifications. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 8.	1.8	96
110	The origin and evolution of phototropins. <i>Frontiers in Plant Science</i> , 2015, 6, 637.	1.7	68
111	A theoretical framework for whole-plant carbon assimilation efficiency based on metabolic scaling theory: a test case using <i>Picea</i> seedlings. <i>Tree Physiology</i> , 2015, 35, 599-607.	1.4	15
112	Isometric scaling of above- and below-ground biomass at the individual and community levels in the understorey of a sub-tropical forest. <i>Annals of Botany</i> , 2015, 115, 303-313.	1.4	18
113	Aerodynamics and pollen ultrastructure in <i>Ephedra</i> . <i>American Journal of Botany</i> , 2015, 102, 457-470.	0.8	36
114	A Phyletic Perspective on Cell Growth. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a019158.	2.3	14
115	Phytochrome diversity in green plants and the origin of canonical plant phytochromes. <i>Nature Communications</i> , 2015, 6, 7852.	5.8	139
116	Growth synchrony between leaves and stems during twig development differs among plant functional types of subtropical rainforest woody species. <i>Tree Physiology</i> , 2015, 35, 621-631.	1.4	8
117	The evolutionary history of ferns inferred from 25 low-copy nuclear genes. <i>American Journal of Botany</i> , 2015, 102, 1089-1107.	0.8	157
118	Historical revisionism and the inheritance theories of Darwin and Weismann. <i>Die Naturwissenschaften</i> , 2015, 102, 27.	0.6	2
119	A Biophysical Perspective on the Pollination Biology of <i>Ephedra nevadensis</i> and <i>E. trifurca</i> . <i>Botanical Review</i> , The, 2015, 81, 28-41.	1.7	10
120	Kleiber's Law: How the <i>Fire of Life</i> ignited debate, fueled theory, and neglected plants as model organisms. <i>Plant Signaling and Behavior</i> , 2015, 10, e1036216.	1.2	15
121	Artificial asymmetric warming reduces nectar yield in a Tibetan alpine species of Asteraceae. <i>Annals of Botany</i> , 2015, 116, 899-906.	1.4	61
122	An Exploration into Fern Genome Space. <i>Genome Biology and Evolution</i> , 2015, 7, 2533-2544.	1.1	85
123	Domesticated honey bees evolutionarily reduce flower nectar volume in a Tibetan lotus. <i>Ecology</i> , 2014, 95, 3161-3172.	1.5	34
124	Crowdfunding the <i>Azolla</i> fern genome project: a grassroots approach. <i>GigaScience</i> , 2014, 3, 16.	3.3	22
125	The Optimization of Seed Yield across the Flowering Season of <i>Gentiana leucomelaena</i> ( <i>Gentianaceae</i> ), an Herbaceous Tibetan Annual. <i>Arctic, Antarctic, and Alpine Research</i> , 2014, 46, 548-557.	0.4	4
126	Between Two Fern Genomes. <i>GigaScience</i> , 2014, 3, 15.	3.3	69



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127	The evolutionary&#x2013;developmental origins of multicellularity. <i>American Journal of Botany</i> , 2014, 101, 6-25.	0.8	110
128	Did meiosis evolve before sex and the evolution of eukaryotic life cycles?. <i>BioEssays</i> , 2014, 36, 1091-1101.	1.2	19
129	The Hybrid Origin of <i>Adiantum meishanianum</i> (Pteridaceae): A Rare and Endemic Species in Taiwan. <i>Systematic Botany</i> , 2014, 39, 1034-1041.	0.2	16
130	Amphimixis and the individual in evolving populations: does Weismann&#x2019;s Doctrine apply to all, most or a few organisms?. <i>Die Naturwissenschaften</i> , 2014, 101, 357-372.	0.6	13
131	Horizontal transfer of an adaptive chimeric photoreceptor from bryophytes to ferns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6672-6677.	3.3	146
132	Biophysical effects on plant competition and coexistence. <i>Functional Ecology</i> , 2013, 27, 854-864.	1.7	29
133	The evo&#x2013;devo of multinucleate cells, tissues, and organisms, and an alternative route to multicellularity. <i>Evolution &amp; Development</i> , 2013, 15, 466-474.	1.1	32
134	Biophysical and size-dependent perspectives on plant evolution. <i>Journal of Experimental Botany</i> , 2013, 64, 4817-4827.	2.4	21
135	The origins of multicellular organisms. <i>Evolution &amp; Development</i> , 2013, 15, 41-52.	1.1	151
136	Transcriptome-Mining for Single-Copy Nuclear Markers in Ferns. <i>PLoS ONE</i> , 2013, 8, e76957.	1.1	69
137	Testing the packing rule across the twig&#x2013;petiole interface of temperate woody species. <i>Trees - Structure and Function</i> , 2012, 26, 1737-1745.	0.9	7
138	Leaf traits and relationships differ with season as well as among species groupings in a managed Southeastern China forest landscape. <i>Plant Ecology</i> , 2012, 213, 1489-1502.	0.7	13
139	&#x26amp;#x2013;Gaga&#x26amp;#x2013;, a New Fern Genus Segregated from &#x26amp;#x2013;Cheilanthes&#x26amp;#x2013; (Pteridaceae). <i>Systematic Botany</i> , 2012, 37, 845-860.	0.2	62
140	Global warming reduces plant reproductive output for temperate multi&#x2013;inflorescence species on the Tibetan plateau. <i>New Phytologist</i> , 2012, 195, 427-436.	3.5	69
141	Mechanical properties of wood disproportionately increase with increasing density. <i>American Journal of Botany</i> , 2012, 99, 169-170.	0.8	14
142	Plant Development, Auxin, and the Subsystem Incompleteness Theorem. <i>Frontiers in Plant Science</i> , 2012, 3, 37.	1.7	19
143	Do plants explore habitats before exploiting them? An explicit test using two stoloniferous herbs. <i>Science Bulletin</i> , 2012, 57, 2425-2432.	1.7	4
144	The evolution and functional significance of leaf shape in the angiosperms. <i>Functional Plant Biology</i> , 2011, 38, 535.	1.1	421

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145	rbcL and matK Earn Two Thumbs Up as the Core DNA Barcode for Ferns. <i>PLoS ONE</i> , 2011, 6, e26597.	1.1	80
146	Climbing Plants: Attachment and the Ascent for Light. <i>Current Biology</i> , 2011, 21, R199-R201.	1.8	10
147	Difference in Floral Traits, Pollination, and Reproductive Success between White and Blue Flowers of <i>Gentiana leucomelaena</i> ( <i>Gentianaceae</i> ) in an Alpine Meadow. <i>Arctic, Antarctic, and Alpine Research</i> , 2011, 43, 410-416.	0.4	11
148	Important foliar traits depend on species-grouping: analysis of a remnant temperate forest at the Keerqin Sandy Lands, China. <i>Plant and Soil</i> , 2011, 340, 337-345.	1.8	13
149	First insights into fern matK phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2011, 59, 556-566.	1.2	127
150	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
151	Differences in the scaling of area and mass of <i>Ginkgo biloba</i> ( <i>Ginkgoaceae</i> ) leaves and their relevance to the study of specific leaf area. <i>American Journal of Botany</i> , 2011, 98, 1381-1386.	0.8	23
152	The evolution of the land plant life cycle. <i>New Phytologist</i> , 2010, 185, 27-41.	3.5	153
153	Ontogenetic shift in the scaling of dark respiration with whole-plant mass in seven shrub species. <i>Functional Ecology</i> , 2010, 24, 502-512.	1.7	37
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