Douglas E. Soltis

List of Publications by Year
in descending order

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365 papers	43,746 citations	2970 93 h-index	2825 191 g-index
372 all docs	372 docs citations	372 times ranked	26612 citing authors

#	Article	IF	Citations
1	Contrasting patterns of phylogenetic diversity and alpine specialization across the alpine flora of the American mountain range system. Alpine Botany, 2022, 132, 107-122.	1.1	4
2	Potential distributional shifts in North America of allelopathic invasive plant species under climate change models. Plant Diversity, 2022, 44, 11-19.	1.8	21
3	Amborella gene presence/absence variation is associated with abiotic stress responses that may contribute to environmental adaptation. New Phytologist, 2022, 233, 1548-1555.	3.5	16
4	Phylogenomic analysis ofTibouchina s.s.(Melastomataceae) highlights the evolutionary complexity of Neotropical savannas. Botanical Journal of the Linnean Society, 2022, 199, 372-411.	0.8	4
5	Temporal and spatial comparisons of angiosperm diversity between eastern Asia and North America. National Science Review, 2022, 9, .	4.6	13
6	Genomes shed light on the evolution of Begonia, a megaâ€diverse genus. New Phytologist, 2022, 234, 295-310.	3.5	18
7	Phylotranscriptomics of Theaceae: generic-level relationships, reticulation and whole-genome duplication. Annals of Botany, 2022, 129, 457-471.	1.4	23
8	Endemism, projected climate change, and identifying species of critical concern in the Scrub Mint clade (Lamiaceae). Conservation Science and Practice, 2022, 4, .	0.9	5
9	Green plant genomes: What we know in an era of rapidly expanding opportunities. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	65
10	Buxus and Tetracentron genomes help resolve eudicot genome history. Nature Communications, 2022, 13, 643.	5.8	24
11	Climatic niche comparisons of eastern North American and eastern Asian disjunct plant genera. Global Ecology and Biogeography, 2022, 31, 1290-1302.	2.7	7
12	The Cycas genome and the early evolution of seed plants. Nature Plants, 2022, 8, 389-401.	4.7	80
13	Tragopogon dubius: Multiple introductions to North America and the formation of the New World tetraploids. Taxon, 2022, 71, 1287-1298.	0.4	5
14	Is the age of plant communities predicted by the age, stability and soil composition of the underlying landscapes? An investigation of OCBILs. Biological Journal of the Linnean Society, 2021, 133, 297-316.	0.7	7
15	Evolution of rapid blueâ€light response linked to explosive diversification of ferns in angiosperm forests. New Phytologist, 2021, 230, 1201-1213.	3.5	33
16	Plant genomes: Markers of evolutionary history and drivers of evolutionary change. Plants People Planet, 2021, 3, 74-82.	1.6	25
17	Highâ€throughput methods for efficiently building massive phylogenies from natural history collections. Applications in Plant Sciences, 2021, 9, e11410.	0.8	36
18	Green giantâ€”a tiny chloroplast genome with mighty power to produce highâ€value proteins: history and phylogeny. Plant Biotechnology Journal, 2021, 19, 430-447.	4.1	86

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19	Biogeography and habitat evolution of Saxifragaceae, with a revision of generic limits and a new tribal system. Taxon, 2021, 70, 263-285.	0.4	10
20	A new, simple, highly scalable, and efficient protocol for genomic DNA extraction from diverse plant taxa. Applications in Plant Sciences, 2021, 9, e11413.	0.8	12
21	Examination of Reticulate Evolution Involving Haageocereus and Espostoa. Haseltonia, 2021, 27, .	0.3	3
22	Spatial phylogenetics of butterflies in relation to environmental drivers and angiosperm diversity across North America. IScience, 2021, 24, 102239.	1.9	22
23	The Effects of Herbarium Specimen Characteristics on Short-Read NGS Sequencing Success in Nearly 8000 Specimens: Old, Degraded Samples Have Lower DNA Yields but Consistent Sequencing Success. Frontiers in Plant Science, 2021, 12, 669064.	1.7	24
24	Trajectories of Homoeolog-Specific Expression in Allotetraploid Tragopogon castellanus Populations of Independent Origins. Frontiers in Plant Science, 2021, 12, 679047.	1.7	3
25	Polyploidy and mutation in Arabidopsis. Evolution; International Journal of Organic Evolution, 2021, 75, 2299-2308.	1.1	0
26	Gene duplications and phylogenomic conflict underlie major pulses of phenotypic evolution in gymnosperms. Nature Plants, 2021, 7, 1015-1025.	4.7	68
27	Soil pH determines bacterial distribution and assembly processes in natural mountain forests of eastern China. Global Ecology and Biogeography, 2021, 30, 2164-2177.	2.7	48
28	Insights into angiosperm evolution, floral development and chemical biosynthesis from the Aristolochia fimbriata genome. Nature Plants, 2021, 7, 1239-1253.	4.7	51
29	Polyploidy: an evolutionary and ecological force in stressful times. Plant Cell, 2021, 33, 11-26.	3.1	325
30	Plastid phylogenomic insights into relationships of all flowering plant families. BMC Biology, 2021, 19, 232.	1.7	109
31	Chloranthus genome provides insights into the early diversification of angiosperms. Nature Communications, 2021, 12, 6930.	5.8	44
32	Revisiting the phylogeny of Dipsacales: New insights from phylogenomic analyses of complete plastomic sequences. Journal of Systematics and Evolution, 2020, 58, 103-117.	1.6	30
33	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
34	Sequencing and Analyzing the Transcriptomes of a Thousand Species Across the Tree of Life for Green Plants. Annual Review of Plant Biology, 2020, 71, 741-765.	8.6	41
35	Habitat Shape Affects Polyploid Establishment in a Spatial, Stochastic Model. Frontiers in Plant Science, 2020, 11, 592356.	1.7	11
36	Evolution of environmental stress responses in plants. Plant, Cell and Environment, 2020, 43, 2827-2831.	2.8	11

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37	Angiosperms at the edge: Extremity, diversity, and phylogeny. Plant, Cell and Environment, 2020, 43, 2871-2893.	2.8	32
38	Transcriptome Dynamics of the Inflorescence in Reciprocally Formed Allopolyploid Tragopogon miscellus (Asteraceae). Frontiers in Genetics, 2020, 11, 888.	1.1	26
39	Generation of a chromosome-scale genome assembly of the insect-repellent terpenoid-producing Lamiaceae species, Callicarpa americana. GigaScience, 2020, 9, .	3.3	21
40	Genetic insights into the evolution of genera with the eastern Asiaâ€“eastern North America floristic disjunction: a transcriptomics analysis. American Journal of Botany, 2020, 107, 1736-1748.	0.8	6
41	Noise does not equal bias in assessing the evolutionary history of the angiosperm flora of China: A response to Qian (2019). Journal of Biogeography, 2020, 47, 2286-2291.	1.4	4
42	The evolutionary origins of the cat attractant nepetalactone in catnip. Science Advances, 2020, 6, eaba0721.	4.7	70
43	Nuclear phylogenomic analyses of asterids conflict with plastome trees and support novel relationships among major lineages. American Journal of Botany, 2020, 107, 790-805.	0.8	75
44	A twoâ€tier bioinformatic pipeline to develop probes for target capture of nuclear loci with applications in Melastomataceae. Applications in Plant Sciences, 2020, 8, e11345.	0.8	25
45	Estimating rates and patterns of diversification with incomplete sampling: a case study in the rosids. American Journal of Botany, 2020, 107, 895-909.	0.8	17
46	Biogeography and ecological niche evolution in Diapensiaceae inferred from phylogenetic analysis. Journal of Systematics and Evolution, 2020, 58, 646-662.	1.6	22
47	Genetic relationships and polyploid origins in the Lippia alba complex. American Journal of Botany, 2020, 107, 466-476.	0.8	10
48	Recent accelerated diversification in rosids occurred outside the tropics. Nature Communications, 2020, 11, 3333.	5.8	43
49	Polyploidy: A Biological Force From Cells to Ecosystems. Trends in Cell Biology, 2020, 30, 688-694.	3.6	136
50	Informal multimedia biodiversity awareness event as a digital ecology for promoting culture of science. Education and Information Technologies, 2020, 25, 3275-3297.	3.5	7
51	Considerations in adapting CRISPR/Cas9 in nongenetic model plant systems. Applications in Plant Sciences, 2020, 8, e11314.	0.8	56
52	Plastome Evolution in Saxifragaceae and Multiple Plastid Capture Events Involving Heuchera and Tiarella. Frontiers in Plant Science, 2020, 11, 361.	1.7	34
53	Spatial phylogenetics of the North American flora. Journal of Systematics and Evolution, 2020, 58, 393-405.	1.6	39
54	Origin and evolution of a gibberellinâ€deactivating enzyme GAMT. Plant Direct, 2020, 4, e00287.	0.8	5

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55	Diversification in the Arctic: Biogeography and Systematics of the North AmericanMicranthes(Saxifragaceae). Systematic Botany, 2020, 45, 802-811.	0.2	5
56	Phylogenetic relationships of Coreanomecon (Papaveraceae: Chelidonioideae) inferred from seed morphology and nrITS sequence data. Nordic Journal of Botany, 2019, 37, .	0.2	2
57	Effects of taxon sampling and tree reconstruction methods on phylodiversity metrics. Ecology and Evolution, 2019, 9, 9479-9499.	0.8	23
58	Phylotranscriptomic analyses reveal asymmetrical gene duplication dynamics and signatures of ancient polyploidy in mints. Genome Biology and Evolution, 2019, 11, 3393-3408.	1.1	21
59	Changing ecological communities along an elevation gradient in seasonally dry tropical forest on Hispaniola (Sierra MartÃn GarcÃa, Dominican Republic). Biotropica, 2019, 51, 802-816.	0.8	8
60	A chromosomal-scale genome assembly of Tectona grandis reveals the importance of tandem gene duplication and enables discovery of genes in natural product biosynthetic pathways. GigaScience, 2019, 8, .	3.3	52
61	For common community phylogenetic analyses, go ahead and use synthesis phylogenies. Ecology, 2019, 100, e02788.	1.5	80
62	Rates of niche and phenotype evolution lag behind diversification in a temperate radiation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10874-10882.	3.3	115
63	Origin of angiosperms and the puzzle of the Jurassic gap. Nature Plants, 2019, 5, 461-470.	4.7	467
64	Darwin review: angiosperm phylogeny and evolutionary radiations. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190099.	1.2	62
65	Population genetics, speciation, and hybridization in Dicerandra (Lamiaceae), a North American Coastal Plain endemic, and implications for conservation. Conservation Genetics, 2019, 20, 531-543.	0.8	6
66	Phylogenomic conflict resulting from ancient introgression following species diversification in Stewartia s.l. (Theaceae). Molecular Phylogenetics and Evolution, 2019, 135, 1-11.	1.2	43
67	Plastid phylogenomic insights into the evolution of Caryophyllales. Molecular Phylogenetics and Evolution, 2019, 134, 74-86.	1.2	101
68	Evolution of chloroplast retrograde signaling facilitates green plant adaptation to land. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5015-5020.	3.3	138
69	Divergent gene expression levels between diploid and autotetraploid Tolmiea relative to the total transcriptome, the cell, and biomass. American Journal of Botany, 2019, 106, 280-291.	0.8	30
70	The C-Fern (Ceratopteris richardii) genome: insights into plant genome evolution with the first partial homosporous fern genome assembly. Scientific Reports, 2019, 9, 18181.	1.6	79
71	A Universal Probe Set for Targeted Sequencing of 353 Nuclear Genes from Any Flowering Plant Designed Using k-Medoids Clustering. Systematic Biology, 2019, 68, 594-606.	2.7	371
72	Biodiversity synthesis across the green branches of the tree of life. Nature Plants, 2019, 5, 11-13.	4.7	19

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73	Spatial Phylogenetics of Florida Vascular Plants: The Effects of Calibration and Uncertainty on Diversity Estimates. IScience, 2019, 11, 57-70.	1.9	41
74	Nuclear genomes of two magnoliids. Nature Plants, 2019, 5, 6-7.	4.7	33
75	Phylogenetic imprint of woody plants on the soil mycobiome in natural mountain forests of eastern China. ISME Journal, 2019, 13, 686-697.	4.4	76
76	A Phylogenomic Perspective on Evolution and Discordance in the Alpine-Arctic Plant Clade Micranthes (Saxifragaceae). Frontiers in Plant Science, 2019, 10, 1773.	1.7	28
77	Natural selection and repeated patterns of molecular evolution following allopatric divergence. ELife, 2019, 8, .	2.8	18
78	New prospects in the detection and comparative analysis of hybridization in the tree of life. American Journal of Botany, 2018, 105, 364-375.	0.8	150
79	10KP: A phylodiverse genome sequencing plan. GigaScience, 2018, 7, 1-9.	3.3	169
80	Pseudo-parallel patterns of disjunctions in an Arctic-alpine plant lineage. Molecular Phylogenetics and Evolution, 2018, 123, 88-100.	1.2	34
81	Linking genome signatures of selection and adaptation in non-model plants: exploring potential and limitations in the angiosperm Amborella. Current Opinion in Plant Biology, 2018, 42, 81-89.	3.5	4
82	Challenges of comprehensive taxon sampling in comparative biology: Wrestling with rosids. American Journal of Botany, 2018, 105, 433-445.	0.8	33
83	Plastid phylogenomic analysis of green plants: A billion years of evolutionary history. American Journal of Botany, 2018, 105, 291-301.	0.8	220
84	Character evolution and missing (morphological) data across Asteridae. American Journal of Botany, 2018, 105, 470-479.	0.8	19
85	Evolutionary history of the angiosperm flora of China. Nature, 2018, 554, 234-238.	13.7	321
86	Impact of wholeâ€genome duplication events on diversification rates in angiosperms. American Journal of Botany, 2018, 105, 348-363.	0.8	270
87	Using and navigating the plant tree of life. American Journal of Botany, 2018, 105, 287-290.	0.8	17
88	Factors promoting polyploid persistence and diversification and limiting diploid speciation during the Kâ€“Pg interlude. Current Opinion in Plant Biology, 2018, 42, 1-7.	3.5	59
89	Evolutionary insights from comparative transcriptome and transcriptome-wide coalescence analyses in Tetrastigma hemsleyanum. BMC Plant Biology, 2018, 18, 208.	1.6	11
90	Climatic niche comparison among ploidal levels in the classic autopolyploid system, Galax urceolata. American Journal of Botany, 2018, 105, 1631-1642.	0.8	27

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91	A Robust Methodology for Assessing Differential Homeolog Contributions to the Transcriptomes of Allopolyploids. Genetics, 2018, 210, 883-894.	1.2	21
92	Terrestrial species adapted to sea dispersal: Differences in propagule dispersal of two Caribbean mangroves. Molecular Ecology, 2018, 27, 4612-4626.	2.0	25
93	Molecular systematics of Caryopteris (Lamiaceae) and its allies with reference to the molecular phylogeny of subfamily Ajugoideae. Taxon, 2018, 67, 376-394.	0.4	17
94	Phylogeny and staminal evolution of Salvia (Lamiaceae, Nepetoideae) in East Asia. Annals of Botany, 2018, 122, 649-668.	1.4	65
95	Evolution of floral traits and impact of reproductive mode on diversification in the phlox family (Polemoniaceae). Molecular Phylogenetics and Evolution, 2018, 127, 878-890.	1.2	40
96	Phylogenomic Mining of the Mints Reveals Multiple Mechanisms Contributing to the Evolution of Chemical Diversity in Lamiaceae. Molecular Plant, 2018, 11, 1084-1096.	3.9	109
97	Chloroplast genome analyses and genomic resource development for epilithic sister genera Oresitrophe and Mukdenia (Saxifragaceae), using genome skimming data. BMC Genomics, 2018, 19, 235.	1.2	106
98	Application of CRISPR/Cas9 to Tragopogon (Asteraceae), an evolutionary model for the study of polyploidy. Molecular Ecology Resources, 2018, 18, 1427-1443.	2.2	31
99	Evolutionary Conservation of ABA Signaling for Stomatal Closure. Plant Physiology, 2017, 174, 732-747.	2.3	158
100	Evolutionary and domestication history of Cucurbita (pumpkin and squash) species inferred from 44 nuclear loci. Molecular Phylogenetics and Evolution, 2017, 111, 98-109.	1.2	67
101	Diversification of Rosaceae since the Late Cretaceous based on plastid phylogenomics. New Phytologist, 2017, 214, 1355-1367.	3.5	278
102	Deep reticulation and incomplete lineage sorting obscure the diploid phylogeny of rain-lilies and allies (Amaryllidaceae tribe Hippeastreae). Molecular Phylogenetics and Evolution, 2017, 111, 231-247.	1.2	88
103	Detecting alternatively spliced transcript isoforms from singleâ€molecule longâ€read sequences without a reference genome. Molecular Ecology Resources, 2017, 17, 1243-1256.	2.2	126
104	Evolution of floral diversity: genomics, genes andgamma. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20150509.	1.8	41
105	Karyotypic variation and pollen stainability in resynthesized allopolyploids Tragopogon miscellus and T. mirus. American Journal of Botany, 2017, 104, 1484-1492.	0.8	11
106	Pure polyploidy: Closing the gaps in autopolyploid research. Journal of Systematics and Evolution, 2017, 55, 340-352.	1.6	152
107	Insights into the historical assembly of East Asian subtropical evergreen broadleaved forests revealed by the temporal history of the tea family. New Phytologist, 2017, 215, 1235-1248.	3.5	119
108	Comparative transcriptomic analysis of the evolution and development of flower size in Saltugilia (Polemoniaceae). BMC Genomics, 2017, 18, 475.	1.2	18

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109	Whole-genome duplication and molecular evolution in Cornus L. (Cornaceae) â€“ Insights from transcriptome sequences. PLoS ONE, 2017, 12, e0171361.	1.1	17
110	Cytogeography of Callisia section Cuthbertia (Commelinaceae). Comparative Cytogenetics, 2017, 11, 553-577.	0.3	5
111	The antiquity of Cyclocarya paliurus (Juglandaceae) provides new insights into the evolution of relict plants in subtropical China since the late Early Miocene. Journal of Biogeography, 2016, 43, 351-360.	1.4	56
112	Idiosyncratic responses of evergreen broad-leaved forest constituents in China to the late Quaternary climate changes. Scientific Reports, 2016, 6, 31044.	1.6	29
113	The influence of habitat on the evolution of plants: a case study across Saxifragales. Annals of Botany, 2016, 118, 1317-1328.	1.4	13
114	Mobilizing and integrating big data in studies of spatial andÂphylogenetic patterns of biodiversity. Plant Diversity, 2016, 38, 264-270.	1.8	48
115	Polyploidy: Pitfalls and paths to a paradigm. American Journal of Botany, 2016, 103, 1146-1166.	0.8	271
116	Evolving Ideas on the Origin and Evolution of Flowers: New Perspectives in the Genomic Era. Genetics, 2016, 202, 1255-1265.	1.2	82
117	Ancient WGD events as drivers of key innovations in angiosperms. Current Opinion in Plant Biology, 2016, 30, 159-165.	3.5	390
118	Comparative phylogeography of black mangroves (Avicennia germinans) and red mangroves (Rhizophora mangle) in Florida: Testing the maritime discontinuity in coastal plants. American Journal of Botany, 2016, 103, 730-739.	0.8	24
119	Niche divergence between diploid and autotetraploid Tolmiea. American Journal of Botany, 2016, 103, 1396-1406.	0.8	76
120	Global versus Chinese perspectives on the phylogeny of the Nâ€fixing clade. Journal of Systematics and Evolution, 2016, 54, 392-399.	1.6	7
121	The report of my death was an exaggeration: A review for researchers using microsatellites in the 21st century. Applications in Plant Sciences, 2016, 4, 1600025.	0.8	155
122	Phylogeny of the Rosidae: A dense taxon sampling analysis. Journal of Systematics and Evolution, 2016, 54, 363-391.	1.6	118
123	The Tree of Life: China project. Journal of Systematics and Evolution, 2016, 54, 273-276.	1.6	7
124	Tree of life for the genera of Chinese vascular plants. Journal of Systematics and Evolution, 2016, 54, 277-306.	1.6	88
125	Patterns of abiotic niche shifts in allopolyploids relative to their progenitors. New Phytologist, 2016, 212, 708-718.	3.5	138
126	Floral flexibility: Diversification of the flower. Nature Plants, 2016, 2, 15211.	4.7	1

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127	Are microsatellite fragment lengths useful for populationâ€level studies? The case of Polygala lewtonii (Polygalaceae). Applications in Plant Sciences, 2016, 4, 1500115.	0.8	13
128	A new resource for the development of SSR markers: Millions of loci from a thousand plant transcriptomes. Applications in Plant Sciences, 2016, 4, 1600024.	0.8	29
129	Polyploidy and the proteome. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 896-907.	1.1	39
130	Resolving the phylogenetic position of Ombrocharis (Lamiaceae), with reference to the molecular phylogeny of tribe Elsholtzieae. Taxon, 2016, 65, 123-136.	0.4	32
131	Phylogenomic and structural analyses of 18 complete plastomes across nearly all families of early-diverging eudicots, including an angiosperm-wide analysis of IR gene content evolution. Molecular Phylogenetics and Evolution, 2016, 96, 93-101.	1.2	92
132	Large-scale phylogenetic analyses reveal multiple gains of actinorhizal nitrogen-fixing symbioses in angiosperms associated with climate change. Scientific Reports, 2015, 5, 14023.	1.6	89
133	250 years of hybridization between two biennial herb species without speciation. AoB PLANTS, 2015, 7, plv081.	1.2	6
134	Nested radiations and the pulse of angiosperm diversification: increased diversification rates often follow whole genome duplications. New Phytologist, 2015, 207, 454-467.	3.5	315
135	Cytonuclear Coordination Is Not Immediate upon Allopolyploid Formation in Tragopogon miscellus (Asteraceae) Allopolyploids. PLoS ONE, 2015, 10, e0144339.	1.1	31
136	Optical Sectioning and 3D Reconstructions as an Alternative to Scanning Electron Microscopy for Analysis of Cell Shape. Applications in Plant Sciences, 2015, 3, 1400112.	0.8	7
137	Zanne et al. reply. Nature, 2015, 521, E6-E7.	13.7	3
138	Modified CTAB and TRIzol protocols improve RNA extraction from chemically complex Embryophyta. Applications in Plant Sciences, 2015, 3, 1400105.	0.8	84
139	Polyploidy and genome evolution in plants. Current Opinion in Genetics and Development, 2015, 35, 119-125.	1.5	578
140	Multiple origins and chromosomal novelty in the allotetraploid T ragopogon castellanus (Asteraceae). New Phytologist, 2015, 206, 1172-1183.	3.5	27
141	Repeated range expansions and inter-/postglacial recolonization routes of Sargentodoxa cuneata (Oliv.) Rehd. et Wils. (Lardizabalaceae) in subtropical China revealed by chloroplast phylogeography. Molecular Phylogenetics and Evolution, 2015, 85, 238-246.	1.2	47
142	Population genetic variation, geographic structure, and multiple origins of autopolyploidy in Galax urceolata. American Journal of Botany, 2015, 102, 973-982.	0.8	46
143	The evolutionary history of ferns inferred from 25 lowâ€copy nuclear genes. American Journal of Botany, 2015, 102, 1089-1107.	0.8	157
144	MarkerMiner 1.0: A new application for phylogenetic marker development using angiosperm transcriptomes. Applications in Plant Sciences, 2015, 3, 1400115.	0.8	156

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145	Out of the Water: Origin and Diversification of the LBD Gene Family. Molecular Biology and Evolution, 2015, 32, 1996-2000.	3.5	33
146	Dissecting Molecular Evolution in the Highly Diverse Plant Clade Caryophyllales Using Transcriptome Sequencing. Molecular Biology and Evolution, 2015, 32, 2001-2014.	3.5	198
147	Peptidomics of Circular Cysteine-Rich Plant Peptides: Analysis of the Diversity of Cyclotides from Viola tricolor by Transcriptome and Proteome Mining. Journal of Proteome Research, 2015, 14, 4851-4862.	1.8	80
148	Resolving basal lamiid phylogeny and the circumscription of Icacinaceae with a plastomeâ€scale data set. American Journal of Botany, 2015, 102, 1794-1813.	0.8	95
149	An Exploration into Fern Genome Space. Genome Biology and Evolution, 2015, 7, 2533-2544.	1.1	85
150	Synthesis of phylogeny and taxonomy into a comprehensive tree of life. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12764-12769.	3.3	584
151	Phylogeny, divergence times, and historical biogeography of the angiosperm family Saxifragaceae. Molecular Phylogenetics and Evolution, 2015, 83, 86-98.	1.2	68
152	Deep phylogenetic incongruence in the angiosperm clade Rosidae. Molecular Phylogenetics and Evolution, 2015, 83, 156-166.	1.2	125
153	The Phenotypic and Genetic Underpinnings of Flower Size in Polemoniaceae. Frontiers in Plant Science, 2015, 6, 1144.	1.7	21
154	Nonadditive Gene Expression in Polyploids. Annual Review of Genetics, 2014, 48, 485-517.	3.2	207
155	The polyploidy revolution thenâ€¦and now: Stebbins revisited. American Journal of Botany, 2014, 101, 1057-1078.	0.8	421
156	Between Two Fern Genomes. GigaScience, 2014, 3, 15.	3.3	69
157	Data access for the 1,000 Plants (1KP) project. GigaScience, 2014, 3, 17.	3.3	582
158	A case of mistaken identity, Opuntia abjecta, long-lost in synonymy under the Caribbean species, O. triacantha, and a reassessment of the enigmatic O. cubensis. Brittonia, 2014, 66, 118-130.	0.8	10
159	From algae to angiospermsâ€“inferring the phylogeny of green plants (Viridiplantae) from 360 plastid genomes. BMC Evolutionary Biology, 2014, 14, 23.	3.2	468
160	Three keys to the radiation of angiosperms into freezing environments. Nature, 2014, 506, 89-92.	13.7	1,284
161	Flower Diversity and Angiosperm Diversification. Methods in Molecular Biology, 2014, 1110, 85-102.	0.4	41
162	Phylotranscriptomic analysis of the origin and early diversification of land plants. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4859-68.	3.3	1,123

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163	Population genetic structure, genetic diversity, and natural history of the South American species of Nothofagus subgenus Lophozonia (Nothofagaceae) inferred from nuclear microsatellite data. Ecology and Evolution, 2014, 4, 2450-2471.	0.8	21
164	Contemporary and future studies in plant speciation, morphological/floral evolution and polyploidy: honouring the scientific contributions of Leslie D. Gottlieb to plant evolutionary biology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130341.	1.8	6
165	Phylogenetic signal detection from an ancient rapid radiation: Effects of noise reduction, long-branch attraction, and model selection in crown clade Apocynaceae. Molecular Phylogenetics and Evolution, 2014, 80, 169-185.	1.2	63
166	Polyploidy and novelty: Gottlieb's legacy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130351.	1.8	158
167	The legacy of diploid progenitors in allopolyploid gene expression patterns. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130354.	1.8	111
168	Another Look at the Root of the Angiosperms Reveals a Familiar Tale. Systematic Biology, 2014, 63, 368-382.	2.7	68
169	Are polyploids really evolutionary deadâ€ends (again)? A critical reappraisal of Mayrose etÂal. (2011). New Phytologist, 2014, 202, 1105-1117.	3.5	151
170	DEF- and GLO-like proteins may have lost most of their interaction partners during angiosperm evolution. Annals of Botany, 2014, 114, 1431-1443.	1.4	49
171	A cryptic taxon rather than a hybrid species of Tragopogon (Asteraceae) from the Czech Republic. Kew Bulletin, 2013, 68, 133-141.	0.4	5
172	Natural hybrids betweenTragopogon mirusandT. miscellus(Asteraceae): A new perspective on karyotypic changes following hybridization at the polyploid level. American Journal of Botany, 2013, 100, 2016-2022.	0.8	25
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