Susanne S Renner

List of Publications by Year
in descending order

253 papers	15,398 citations	16451 64 h-index	24258 110 g-index
267 all docs	267 docs citations	267 times ranked	13332 citing authors

#	Article	IF	Citations
1	The relative and absolute frequencies of angiosperm sexual systems: Dioecy, monoecy, gynodioecy, and an updated online database. American Journal of Botany, 2014, 101, 1588-1596.	1.7	527
2	D<scp>ioecy and its correlates in the flowering plants</scp>. American Journal of Botany, 1995, 82, 596-606.	1.7	511
3	A genomic variation map provides insights into the genetic basis of cucumber domestication and diversity. Nature Genetics, 2013, 45, 1510-1515.	21.4	472
4	Sex Chromosomes in Land Plants. Annual Review of Plant Biology, 2011, 62, 485-514.	18.7	405
5	Dioecy and Its Correlates in the Flowering Plants. American Journal of Botany, 1995, 82, 596.	1.7	380
6	Climate Change and Phenological Mismatch in Trophic Interactions Among Plants, Insects, and Vertebrates. Annual Review of Ecology, Evolution, and Systematics, 2018, 49, 165-182.	8.3	376
7	Cucumber (<i>Cucumis sativus</i>) and melon (<i>C. melo</i>) have numerous wild relatives in Asia and Australia, and the sister species of melon is from Australia. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14269-14273.	7.1	351
8	Phylogeny and classification of the Melastomataceae and Memecylaceae. Nordic Journal of Botany, 1993, 13, 519-540.	0.5	305
9	Plant Dispersal across the Tropical Atlantic by Wind and Sea Currents. International Journal of Plant Sciences, 2004, 165, S23-S33.	1.3	291
10	Mechanisms of Functional and Physical Genome Reduction in Photosynthetic and Nonphotosynthetic Parasitic Plants of the Broomrape Family. Plant Cell, 2013, 25, 3711-3725.	6.6	289
11	Gourds afloat: a dated phylogeny reveals an Asian origin of the gourd family (Cucurbitaceae) and numerous oversea dispersal events. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 843-851.	2.6	265
12	Distribution of living Cupressaceae reflects the breakup of Pangea. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7793-7798.	7.1	236
13	Relaxed molecular clocks for dating historical plant dispersal events. Trends in Plant Science, 2005, 10, 550-558.	8.8	213
14	Horizontal gene transfer from flowering plants to Gnetum. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10824-10829.	7.1	211
15	Increased growing-season productivity drives earlier autumn leaf senescence in temperate trees. Science, 2020, 370, 1066-1071.	12.6	202
16	Photoperiodic induction of synchronous flowering near the Equator. Nature, 2005, 433, 627-629.	27.8	195
17	Phylogenetic relationships in the order Cucurbitales and a new classification of the gourd family (Cucurbitaceae). Taxon, 2011, 60, 122-138.	0.7	192
18	Slowdowns in Diversification Rates from Real Phylogenies May Not be Real. Systematic Biology, 2010, 59, 458-464.	5.6	184

#	Article	IF	Citations
19	Day length unlikely to constrain climate-driven shifts in leaf-out times of northern woody plants. Nature Climate Change, 2016, 6, 1120-1123.	18.8	180
20	Available data point to a 4â€kmâ€high Tibetan Plateau by 40ÂMa, but 100 molecularâ€clock papers have linked supposed recent uplift to young node ages. Journal of Biogeography, 2016, 43, 1479-1487.	3.0	176
21	Global history of the ancient monocot family Araceae inferred with models accounting for past continental positions and previous ranges based on fossils. New Phytologist, 2012, 195, 938-950.	7.3	167
22	A multi-locus chloroplast phylogeny for the Cucurbitaceae and its implications for character evolution and classification. Molecular Phylogenetics and Evolution, 2007, 44, 553-577.	2.7	163
23	Circumscription and phylogeny of the Laurales: evidence from molecular and morphological data. American Journal of Botany, 1999, 86, 1301-1315.	1.7	162
24	Phylogenetic Analyses of Basal Angiosperms Based on Nine Plastid, Mitochondrial, and Nuclear Genes. International Journal of Plant Sciences, 2005, 166, 815-842.	1.3	162
25	Watermelon origin solved with molecular phylogenetics including <scp>L</scp>innaean material: another example of museomics. New Phytologist, 2015, 205, 526-532.	7.3	154
26	A three-genome phylogeny of Momordica (Cucurbitaceae) suggests seven returns from dioecy to monoecy and recent long-distance dispersal to Asia. Molecular Phylogenetics and Evolution, 2010, 54, 553-560.	2.7	150
27	Late-spring frost risk between 1959 and 2017 decreased in North America but increased in Europe and Asia. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12192-12200.	7.1	140
28	Origin and domestication of Cucurbitaceae crops: insights from phylogenies, genomics and archaeology. New Phytologist, 2020, 226, 1240-1255.	7.3	134
29	Tropical Intercontinental Disjunctions: Gondwana Breakup, Immigration from the Boreotropics, and Transoceanic Dispersal. International Journal of Plant Sciences, 2004, 165, S1-S6.	1.3	126
30	Phylogenetics of Cucumis (Cucurbitaceae): Cucumber (C. sativus) belongs in an Asian/Australian clade far from melon (C. melo). BMC Evolutionary Biology, 2007, 7, 58.	3.2	125
31	Leaf out times of temperate woody plants are related to phylogeny, deciduousness, growth habit and wood anatomy. New Phytologist, 2014, 203, 1208-1219.	7.3	122
32	Phylogeny of the Cucurbitales based on DNA sequences of nine loci from three genomes: Implications for morphological and sexual system evolution. Molecular Phylogenetics and Evolution, 2006, 39, 305-322.	2.7	121
33	Evolutionary Biology for the 21st Century. PLoS Biology, 2013, 11, e1001466.	5.6	115
34	Dating Dispersal and Radiation in the Gymnosperm Gnetum (Gnetales)â€"Clock Calibration When Outgroup Relationships Are Uncertain. Systematic Biology, 2006, 55, 610-622.	5.6	114
35	The Plastomes of Two Species in the Endoparasite Genus<i>Pilostyles</i>(Apodanthaceae) Each Retain Just Five or Six Possibly Functional Genes. Genome Biology and Evolution, 2016, 8, 189-201.	2.5	113
36	A dated phylogeny of the papaya family (Caricaceae) reveals the cropâ€™s closest relatives and the familyâ€™s biogeographic history. Molecular Phylogenetics and Evolution, 2012, 65, 46-53.	2.7	112

#	Article	IF	Citations
37	Common garden comparison of the leafâ€out phenology of woody species from different native climates, combined with herbarium records, forecasts longâ€term change. Ecology Letters, 2014, 17, 1016-1025.	6.4	112
38	MELASTOMEAE COME FULL CIRCLE: BIOGEOGRAPHIC RECONSTRUCTION AND MOLECULAR CLOCK DATING. Evolution; International Journal of Organic Evolution, 2001, 55, 1315-1324.	2.3	111
39	Phylogeny and circumscription of the nearâ€endemic Brazilian tribe Microlicieae (Melastomataceae). American Journal of Botany, 2004, 91, 1105-1114.	1.7	110
40	Hornwort pyrenoids, carbon-concentrating structures, evolved and were lost at least five times during the last 100 million years. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18873-18878.	7.1	103
41	Biogeography of the Monimiaceae (Laurales): a role for East Gondwana and longâ€distance dispersal, but not West Gondwana. Journal of Biogeography, 2010, 37, 1227-1238.	3.0	102
42	A phylogeny of Delphinieae (Ranunculaceae) shows that Aconitum is nested within Delphinium and that Late Miocene transitions to long life cycles in the Himalayas and Southwest China coincide with bursts in diversification. Molecular Phylogenetics and Evolution, 2012, 62, 928-942.	2.7	100
43	A new phylogeny for the genus Picea from plastid, mitochondrial, and nuclear sequences. Molecular Phylogenetics and Evolution, 2013, 69, 717-727.	2.7	99
44	A Return to Linnaeusâ€™s Focus on Diagnosis, Not Description: The Use of DNA Characters in the Formal Naming of Species. Systematic Biology, 2016, 65, 1085-1095.	5.6	99
45	Correlations among fruit traits and evolution of different fruits within Melastomataceae. Botanical Journal of the Linnean Society, 2000, 133, 303-326.	1.6	91
46	Global Correlations in Tropical Tree Species Richness and Abundance Reject Neutrality. Science, 2012, 335, 464-467.	12.6	91
47	Nextâ€generation sequencing, <scp>FISH</scp> mapping and syntenyâ€based modeling reveal mechanisms of decreasing dysploidy in <i><scp>C</scp>ucumis</i>. Plant Journal, 2014, 77, 16-30.	5.7	90
48	The velamen protects photosynthetic orchid roots against <scp>UV</scp>â€<scp>B</scp> damage, and a large dated phylogeny implies multiple gains and losses of this function during the <scp>C</scp>enozoic. New Phytologist, 2015, 205, 1330-1341.	7.3	90
49	How common is heterodichogamy?. Trends in Ecology and Evolution, 2001, 16, 595-597.	8.7	87
50	Next-Generation Sequencing Reveals the Impact of Repetitive DNA Across Phylogenetically Closely Related Genomes of Orobanchaceae. Molecular Biology and Evolution, 2012, 29, 3601-3611.	8.9	82
51	Distribution Models and a Dated Phylogeny for Chilean Oxalis Species Reveal Occupation of New Habitats by Different Lineages, not Rapid Adaptive Radiation. Systematic Biology, 2012, 61, 823-834.	5.6	81
52	Rooting and Dating Maples (Acer) with an Uncorrelated-Rates Molecular Clock: Implications for North American/Asian Disjunctions. Systematic Biology, 2008, 57, 795-808.	5.6	80
53	Phylogenomics Reveals an Ancient Hybrid Origin of the Persian Walnut. Molecular Biology and Evolution, 2019, 36, 2451-2461.	8.9	79
54	Repeated Evolution of Dioecy from Monoecy in Siparunaceae (Laurales). Systematic Biology, 2001, 50, 700-712.	5.6	78

#	Article	IF	Citations
55	The internal transcribed spacer of nuclear ribosomal DNA in the gymnosperm Gnetum. Molecular Phylogenetics and Evolution, 2005, 36, 581-597.	2.7	78
56	The Evolution of Mutualistic Dependence. Annual Review of Ecology, Evolution, and Systematics, 2020, 51, 409-432.	8.3	78
57	Pollinators of tropical dioecious angiosperms. American Journal of Botany, 1993, 80, 1100-1107.	1.7	77
58	The Widespread Occurrence of Anther Destruction by Trigona Bees in Melastomataceae. Biotropica, 1983, 15, 251.	1.6	76
59	Molecular phylogenetics of <i>Echinopsis</i> (Cactaceae): Polyphyly at all levels and convergent evolution of pollination modes and growth forms. American Journal of Botany, 2012, 99, 1335-1349.	1.7	76
60	Phylogenetics and molecular clocks reveal the repeated evolution of antâ€plants after the late <scp>M</scp>iocene in <scp>A</scp>frica and the early <scp>M</scp>iocene in <scp>A</scp>ustralasia and the <scp>N</scp>eotropics. New Phytologist, 2015, 207, 411-424.	7.3	76
61	Evolutionary ecology of specialization: insights from phylogenetic analysis. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20142004.	2.6	75
62	Giant taro and its relatives: A phylogeny of the large genus Alocasia (Araceae) sheds light on Miocene floristic exchange in the Malesian region. Molecular Phylogenetics and Evolution, 2012, 63, 43-51.	2.7	74
63	The Gnetales: Recent insights on their morphology, reproductive biology, chromosome numbers, biogeography, and divergence times. Journal of Systematics and Evolution, 2016, 54, 1-16.	3.1	72
64	Transâ€Atlantic, transâ€Pacific and transâ€Indian Ocean dispersal in the small Gondwanan Laurales family Hernandiaceae. Journal of Biogeography, 2010, 37, 1214-1226.	3.0	69
65	A review of molecular-clock calibrations and substitution rates in liverworts, mosses, and hornworts, and a timeframe for a taxonomically cleaned-up genus Nothoceros. Molecular Phylogenetics and Evolution, 2014, 78, 25-35.	2.7	68
66	A fossilâ€calibrated relaxed clock for <i>Ephedra</i> indicates an Oligocene age for the divergence of Asian and New World clades and Miocene dispersal into South America. Journal of Systematics and Evolution, 2009, 47, 444-456.	3.1	67
67	Perception of photoperiod in individual buds of mature trees regulates leafâ€out. New Phytologist, 2015, 208, 1023-1030.	7.3	67
68	Biogeography of the Pistia Clade (Araceae): Based on Chloroplast and Mitochondrial DNA Sequences and Bayesian Divergence Time Inference. Systematic Biology, 2004, 53, 422-432.	5.6	66
69	Molecular phylogeny and intra- and intercontinental biogeography of Calycanthaceae. Molecular Phylogenetics and Evolution, 2006, 39, 1-15.	2.7	66
70	Spring predictability explains different leafâ€out strategies in the woody floras of North America, Europe and East Asia. Ecology Letters, 2017, 20, 452-460.	6.4	66
71	The Deepest Splits in Chloranthaceae as Resolved by Chloroplast Sequences. International Journal of Plant Sciences, 2003, 164, S383-S392.	1.3	65
72	Plant sex chromosomes defy evolutionary models of expanding recombination suppression and genetic degeneration. Nature Plants, 2021, 7, 392-402.	9.3	64

#	Article	IF	Citations
73	The corbiculate bees arose from New World oil-collecting bees: Implications for the origin of pollen baskets. Molecular Phylogenetics and Evolution, 2014, 80, 88-94.	2.7	63
74	The Cucurbitaceae of India: Accepted names, synonyms, geographic distribution, and information on images and DNA sequences. PhytoKeys, 2013, 20, 53-118.	1.0	63
75	A New Method for Handling Missing Species in Diversification Analysis Applicable to Randomly or Nonrandomly Sampled Phylogenies. Systematic Biology, 2012, 61, 785-792.	5.6	62
76	Assembled Plastid and Mitochondrial Genomes, as well as Nuclear Genes, Place the Parasite Family Cynomoriaceae in the Saxifragales. Genome Biology and Evolution, 2016, 8, 2214-2230.	2.5	62
77	Hybridization, polyploidy, and evolutionary transitions between monoecy and dioecy in <i>Bryonia</i> (Cucurbitaceae). American Journal of Botany, 2008, 95, 1297-1306.	1.7	60
78	Correlates of monoicy and dioicy in hornworts, the apparent sister group to vascular plants. BMC Evolutionary Biology, 2013, 13, 239.	3.2	60
79	Reevaluation of the cox1 Group I Intron in Araceae and Angiosperms Indicates a History Dominated by Loss rather than Horizontal Transfer. Molecular Biology and Evolution, 2008, 25, 265-276.	8.9	58
80	<i>Consolida</i> and <i>Aconitella</i> are an annual clade of <i>Delphinium</i> (Ranunculaceae) that diversified in the Mediterranean basin and the Iranoâ€Turanian region. Taxon, 2011, 60, 1029-1040.	0.7	58
81	From East Gondwana to Central America: historical biogeography of the Alstroemeriaceae. Journal of Biogeography, 2012, 39, 1806-1818.	3.0	58
82	A dated phylogeny and collection records reveal repeated biome shifts in the African genus Coccinia(Cucurbitaceae). BMC Evolutionary Biology, 2011, 11, 28.	3.2	56
83	Using More Than the Oldest Fossils: Dating Osmundaceae with Three Bayesian Clock Approaches. Systematic Biology, 2015, 64, 396-405.	5.6	56
84	Pathways for making unisexual flowers and unisexual plants:Moving beyond the â€œtwo mutations linked on one chromosomeâ€•model. American Journal of Botany, 2016, 103, 587-589.	1.7	56
85	Computer vision applied to herbarium specimens of German trees: testing the future utility of the millions of herbarium specimen images for automated identification. BMC Evolutionary Biology, 2016, 16, 248.	3.2	56
86	Is the colour dimorphism inDactylorhiza sambucina maintained by differential seed viability instead of frequency-dependent selection?. Folia Geobotanica, 2006, 41, 61-76.	0.9	55
87	A new self-pollination mechanism. Nature, 2004, 431, 39-40.	27.8	54
88	Global warming reduces leaf-out and flowering synchrony among individuals. ELife, 2018, 7, .	6.0	54
89	Evolution and ecology of plant architecture: integrating insights from the fossil record, extant morphology, developmental genetics and phylogenies. Annals of Botany, 2017, 120, 855-891.	2.9	53
90	Foraging distances in six species of solitary bees with body lengths of 6 to 15 mm, inferred from individual tagging, suggest 150 m-rule-of-thumb for flower strip distances. Journal of Hymenoptera Research, 0, 77, 105-117.	0.8	53

#	Article	IF	Citations
91	Bayesian analysis of combined chloroplast loci, using multiple calibrations, supports the recent arrival of Melastomataceae in Africa and Madagascar. American Journal of Botany, 2004, 91, 1427-1435.	1.7	52
92	A phylogeny of the oil bee tribe Ctenoplectrini (Hymenoptera: Anthophila) based on mitochondrial and nuclear data: Evidence for Early Eocene divergence and repeated out-of-Africa dispersal. Molecular Phylogenetics and Evolution, 2008, 47, 799-811.	2.7	52
93	More Miocene Dispersal Between Africa and Asiaâ€”the Case of <i>Bridelia</i> (Phyllanthaceae). Systematic Botany, 2009, 34, 521-529.	0.5	52
94	Species relationships and divergence times in beeches: new insights from the inclusion of 53 young and old fossils in a birthâ€“death clock model. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150135.	4.0	52
95	A Nuclear Ribosomal DNA Phylogeny of <i>Acer</i> Inferred with Maximum Likelihood, Splits Graphs, and Motif Analysis of 606 Sequences. Evolutionary Bioinformatics, 2006, 2, 117693430600200.	1.2	51
96	Macroevolutionary assembly of ant/plant symbioses: <i>Pseudomyrmex</i> ants and their ant-housing plants in the Neotropics. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152200.	2.6	51
97	Pollinator-mediated selfing in two deceptive orchids and a review of pollinium tracking studies addressing geitonogamy. Oecologia, 2008, 155, 497-508.	2.0	50
98	Biogeography of <i>Cedrela</i> (Meliaceae, Sapindales) in Central and South America. American Journal of Botany, 2010, 97, 511-518.	1.7	50
99	Maximum likelihood inference implies a high, not a low, ancestral haploid chromosome number in Araceae, with a critique of the bias introduced by â€˜xâ€™. Annals of Botany, 2012, 109, 681-692.	2.9	50
100	Partner abundance controls mutualism stability and the pace of morphological change over geologic time. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3951-3956.	7.1	50
101	Phylogenetic affinities of Monimiaceae based on cpDNA gene and spacer sequences. Perspectives in Plant Ecology, Evolution and Systematics, 1998, 1, 61-77.	2.7	49
102	The temporal build-up of hummingbird/plant mutualisms in North America and temperate South America. BMC Evolutionary Biology, 2015, 15, 104.	3.2	49
103	Spurs in a Spur: Perianth Evolution in the Delphinieae (Ranunculaceae). International Journal of Plant Sciences, 2012, 173, 1036-1054.	1.3	47
104	iTaxoTools 0.1: Kickstarting a specimen-based software toolkit for taxonomists. Megataxa, 2021, 6, .	3.8	47
105	Harvesting Betulaceae sequences from GenBank to generate a new chronogram for the family. Botanical Journal of the Linnean Society, 2013, 172, 465-477.	1.6	45
106	A revision of Pterolepis (Melastomataceae: Melastomeae). Nordic Journal of Botany, 1994, 14, 73-104.	0.5	44
107	A chloroplast phylogeny of<i>Arisaema</i>(Araceae) illustrates Tertiary floristic links between Asia, North America, and East Africa. American Journal of Botany, 2004, 91, 881-888.	1.7	44
108	Analysis of transposable elements and organellar <scp>DNA</scp> in male and female genomes of a species with a huge Y chromosome reveals distinct Y centromeres. Plant Journal, 2016, 88, 387-396.	5.7	44

#	ARTICLE	IF	CITATIONS
109	Characterization of the <scp>LTR</scp> retrotransposon repertoire of a plant clade of six diploid and one tetraploid species. Plant Journal, 2013, 75, 699-709.	5.7	42
110	Brunfelsia (Solanaceae): A genus evenly divided between South America and radiations on Cuba and other Antillean islands. Molecular Phylogenetics and Evolution, 2012, 64, 1-11.	2.7	41
111	Increased autumn productivity permits temperate trees to compensate for spring frost damage. New Phytologist, 2019, 221, 789-795.	7.3	41
112	Chromosome numbers, Sudanese wild forms, and classification of the watermelon genus <i>Citrullus</i>, with 50 names allocated to seven biological species. Taxon, 2017, 66, 1393-1405.	0.7	40
113	The occurrence of red and yellow autumn leaves explained by regional differences in insolation and temperature. New Phytologist, 2019, 224, 1464-1471.	7.3	40
114	Ongoing seasonally uneven climate warming leads to earlier autumn growth cessation in deciduous trees. Oecologia, 2019, 189, 549-561.	2.0	39
115	Towards a Monophyletic <i>Hoya</i> (Marsdenieae, Apocynaceae): Inferences from the Chloroplast <i>trnL</i> Region and the <i>rbcL-atpB</i> Spacer. Systematic Botany, 2006, 31, 586-596.	0.5	38
116	The worldwide holoparasitic Apodanthaceae confidently placed in the Cucurbitales by nuclear and mitochondrial gene trees. BMC Evolutionary Biology, 2010, 10, 219.	3.2	38
117	Repositories for Taxonomic Data: Where We Are and What is Missing. Systematic Biology, 2020, 69, 1231-1253.	5.6	38
118	Exploring new dating approaches for parasites: The worldwide Apodanthaceae (Cucurbitales) as an example. Molecular Phylogenetics and Evolution, 2014, 80, 1-10.	2.7	37
119	A chromosome-level genome of a Kordofan melon illuminates the origin of domesticated watermelons. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	37
120	Herbicidal Activity of Domatia-Inhabiting Ants in Patches of Tococa guianensis and Clidemia heterophylla1. Biotropica, 1998, 30, 324-327.	1.6	36
121	Assessing model sensitivity in ancestral area reconstruction using L<scp>agrange</scp>: a case study using the Colchicaceae family. Journal of Biogeography, 2014, 41, 1414-1427.	3.0	36
122	Wax plants disentangled: A phylogeny of Hoya (Marsdenieae, Apocynaceae) inferred from nuclear and chloroplast DNA sequences. Molecular Phylogenetics and Evolution, 2006, 39, 722-733.	2.7	34
123	Floral biological observations onHeliamphora tatei (Sarraceniaceae) and other plants from Cerro de la Neblina in Venezuela. Plant Systematics and Evolution, 1989, 163, 21-29.	0.9	33
124	Ribosomal DNA distribution and a genusâ€wide phylogeny reveal patterns of chromosomal evolution in <i>Alstroemeria</i> (Alstroemeriaceae). American Journal of Botany, 2012, 99, 1501-1512.	1.7	33
125	Leafâ€out in northern ecotypes of wideâ€ranging trees requires less spring warming, enhancing the risk of spring frost damage at cold range limits. Global Ecology and Biogeography, 2020, 29, 1065-1072.	5.8	33
126	Pollination and mating systems of Apodanthaceae and the distribution of reproductive traits in parasitic angiosperms. American Journal of Botany, 2013, 100, 1083-1094.	1.7	32

#	Article	IF	Citations
127	A phylogeny of the Areae (Araceae) implies that <i>Typhonium, Sauromatum</i>, and the Australian species of <i>Typhonium</i> are distinct clades. Taxon, 2010, 59, 439-447.	0.7	31
128	Innately shorter vegetation periods in North American species explain nativeâ€“non-native phenological asymmetries. Nature Ecology and Evolution, 2017, 1, 1655-1660.	7.8	31
129	Ultrametric trees or phylograms for ancestral state reconstruction: Does it matter?. Taxon, 2014, 63, 721-726.	0.7	29
130	Partner choice through concealed floral sugar rewards evolved with the specialization of antâ€“plant mutualisms. New Phytologist, 2016, 211, 1358-1370.	7.3	29
131	Systematics and biodiversity. Trends in Ecology and Evolution, 1994, 9, 78.	8.7	28
132	Phylogeny and Evolution of the Cucurbitaceae. Plant Genetics and Genomics: Crops and Models, 2016, , 13-23.	0.3	28
133	Oxalis debilis in China: Distribution of Flower Morphs, Sterile Pollen and Polyploidy. Annals of Botany, 2006, 98, 459-464.	2.9	27
134	The evolution of <i>Cayaponia</i> (Cucurbitaceae): Repeated shifts from bat to bee pollination and longâ€distance dispersal to Africa 2â€“5 million years ago. American Journal of Botany, 2010, 97, 1129-1141.	1.7	26
135	Chromosome number reduction in the sister clade of <i>Carica papaya</i> with concomitant genome size doubling. American Journal of Botany, 2016, 103, 1082-1088.	1.7	26
136	Obligate plant farming by a specialized ant. Nature Plants, 2016, 2, 16181.	9.3	26
137	The assembly of ant-farmed gardens: mutualism specialization following host broadening. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20161759.	2.6	26
138	The sex chromosomes of bryophytes: Recent insights, open questions, and reinvestigations of <i>Frullania dilatata</i> and <i>Plagiochila asplenioides</i>. Journal of Systematics and Evolution, 2017, 55, 333-339.	3.1	26
139	Changes in the bee fauna of a German botanical garden between 1997 and 2017, attributable to climate warming, not other parameters. Oecologia, 2018, 187, 701-706.	2.0	26
140	TIMING DEEP DIVERGENCE EVENTS IN CALCAREOUS DINOFLAGELLATES¹. Journal of Phycology, 2008, 44, 429-438.	2.3	25
141	Flower heating following anthesis and the evolution of gall midge pollination in Schisandraceae. American Journal of Botany, 2010, 97, 1220-1228.	1.7	25
142	Combining FISH and model-based predictions to understand chromosome evolution in Typhonium (Araceae). Annals of Botany, 2014, 113, 669-680.	2.9	25
143	Duodichogamy and androdioecy in the Chinese Phyllanthaceae <i>Bridelia tomentosa</i>. American Journal of Botany, 2007, 94, 260-265.	1.7	24
144	Darwinâ€™s Galapagos gourd: providing new insights 175â€ƒyears after his visit. Journal of Biogeography, 2010, 37, 975-978.	3.0	24

#	Article	IF	Citations
145	Biogeography and diversification rates in hornworts: The limitations of diversification modeling. Taxon, 2015, 64, 229-238.	0.7	24
146	Plant fossils reveal major biomes occupied by the late Miocene Old-World Pikermian fauna. Nature Ecology and Evolution, 2018, 2, 1864-1870.	7.8	24
147	Narrow habitat breadth and late-summer emergence increases extinction vulnerability in Central European bees. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190316.	2.6	24
148	(2313) Proposal to conserve the name <i>Momordica lanata</i> (<i>Citrullus lanatus</i>) (watermelon, <i>Cucurbitaceae</i>), with a conserved type, against <i>Citrullus battich</i>. Taxon, 2014, 63, 941-942.	0.7	23
149	Gain and loss of specialization in two oil-bee lineages,<i>Centris</i>and<i>Epicharis</i>(Apidae). Evolution; International Journal of Organic Evolution, 2015, 69, 1835-1844.	2.3	23
150	Evolutionary Relationships and Biogeography of the Ant-Epiphytic Genus Squamellaria (Rubiaceae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	23
151	<I>Linnaeosicyos</I> (Cucurbitaceae): a New Genus for <I>Trichosanthes amara</I>, the Caribbean Sister Species of all Sicyeae. Systematic Botany, 2008, 33, 349-355.	0.5	22
152	Radiation following longâ€distance dispersal: the contributions of time, opportunity and diaspore morphology in <i>Sicyos</i> (Cucurbitaceae). Journal of Biogeography, 2012, 39, 1427-1438.	3.0	22
153	Leaf fossils of <i>Luzuriaga</i> and a monocot flower with in situ pollen of <i>Liliacidites contortus</i> Mildenh. & Bannister sp. nov. (Alstroemeriaceae) from the Early Miocene. American Journal of Botany, 2014, 101, 141-155.	1.7	22
154	Transposable elements in a clade of three tetraploids and a diploid relative, focusing on Gypsy amplification. Mobile DNA, 2015, 6, 5.	3.6	22
155	A phylogeny and biogeographic analysis for the Cape-Pondweed family Aponogetonaceae (Alismatales). Molecular Phylogenetics and Evolution, 2015, 82, 111-117.	2.7	22
156	Cytogenetic comparison of heteromorphic and homomorphic sex chromosomes in Coccinia (Cucurbitaceae) points to sex chromosome turnover. Chromosome Research, 2017, 25, 191-200.	2.2	22
157	A phylogeny of Anisophylleaceae based on six nuclear and plastid loci: Ancient disjunctions and recent dispersal between South America, Africa, and Asia. Molecular Phylogenetics and Evolution, 2007, 44, 1057-1067.	2.7	21
158	Interstitial telomere-like repeats in the monocot family Araceae. Botanical Journal of the Linnean Society, 2015, 177, 15-26.	1.6	21
159	The largest early-diverging angiosperm family is mostly pollinated by ovipositing insects and so are most surviving lineages of early angiosperms. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172365.	2.6	21
160	Farming by ants remodels nutrient uptake in epiphytes. New Phytologist, 2019, 223, 2011-2023.	7.3	21
161	Dead-End Hybridization in Walnut Trees Revealed by Large-Scale Genomic Sequence Data. Molecular Biology and Evolution, 2022, 39, .	8.9	21
162	Phylogeography of the ancient Eurasian medicinal plant genus <i>Bryonia</i> (Cucurbitaceae) inferred from nuclear and chloroplast sequences. Taxon, 2009, 58, 550-560.	0.7	20

#	Article	IF	Citations
163	A Gift from the New World? The West African Crop <I>Cucumeropsis mannii</I> and the American <I>Posadaea sphaerocarpa</I> (Cucurbitaceae) are the Same Species. Systematic Botany, 2010, 35, 534-540.	0.5	20
164	Revisiting <I>Luffa</I> (Cucurbitaceae) 25 Years After C. Heiser: Species Boundaries and Application of Names Tested with Plastid and Nuclear DNA Sequences. Systematic Botany, 2014, 39, 205-215.	0.5	20
165	Diversity and clade ages of West Indian hummingbirds and the largest plant clades dependent on them: a 5-9â€‰Myr young mutualistic system. Biological Journal of the Linnean Society, 2015, 114, 848-859.	1.6	20
166	Pollination of Sarcandra glabra (Chloranthaceae) in Natural Populations in Japan. Journal of Plant Research, 2001, 114, 423-427.	2.4	19
167	Selfâ€Pollination by Sliding Pollen inCaulokaempferia coenobialis(Zingiberaceae). International Journal of Plant Sciences, 2005, 166, 753-759.	1.3	19
168	Synchronous flowering linked to changes in solar radiation intensity. New Phytologist, 2007, 175, 195-197.	7.3	19
169	Nuclear ITS Sequences Help Disentangle <i>Phyllanthus reticulatus</i> (Phyllanthaceae), an Asian Species not Occurring in Africa, but Introduced to Jamaica. Systematic Botany, 2011, 36, 99-104.	0.5	19
170	Reproductive biology of Bellucia (MELASTOMATACEAE). Acta Amazonica, 1986, 16, 197-218.	0.7	18
171	The Chloroplast trnTâ€“trnF Region in the Seed Plant Lineage Gnetales. Journal of Molecular Evolution, 2005, 61, 425-436.	1.8	18
172	Living Fossil Younger than Thought. Science, 2011, 334, 766-767.	12.6	18
173	The systematics of the worldwide endoparasite family Apodanthaceae (Cucurbitales), with a key, a map, andÂcolor photos of most species. PhytoKeys, 2014, 36, 41-57.	1.0	18
174	Recurrent breakdowns of mutualisms with ants in the neotropical ant-plant genus Cecropia (Urticaceae). Molecular Phylogenetics and Evolution, 2017, 111, 196-205.	2.7	18
175	The interactions of ants with their biotic environment. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170013.	2.6	18
176	Sequential horizontal gene transfers from different hosts in a widespread Eurasian parasitic plant, <i>Cynomorium coccineum</i>. American Journal of Botany, 2019, 106, 679-689.	1.7	18
177	High honeybee abundances reduce wild bee abundances on flowers in the city of Munich. Oecologia, 2021, 195, 825-831.	2.0	18
178	<i>Austrobryonia</i> (Cucurbitaceae), a New Australian Endemic Genus, is the Closest Living Relative to the Eurasian and Mediterranean <i>Bryonia</i> and <i>Ecballium</i>. Systematic Botany, 2008, 33, 125-132.	0.5	17
179	Several origins of floral oil in the Angelonieae, a southern hemisphere disjunct clade of Plantaginaceae. American Journal of Botany, 2014, 101, 2113-2120.	1.7	17
180	Evolutionary flexibility in five hummingbird/plant mutualistic systems: testing temporal and geographic matching. Journal of Biogeography, 2017, 44, 1847-1855.	3.0	16

#	Article	IF	Citations
181	A Winteraceae pollen tetrad from the early Paleocene of western Greenland, and the fossil record of Winteraceae in Laurasia and Gondwana. Journal of Biogeography, 2018, 45, 567-581.	3.0	15
182	Sandemania Hoehnei (Melastomataceae: Tibouchineae): Taxonomy, Distribution, and Biology. Brittonia, 1987, 39, 441.	0.2	14
183	Gelechiidae Moths Are Capable of Chemically Dissolving the Pollen of Their Host Plants: First Documented Sporopollenin Breakdown by an Animal. PLoS ONE, 2011, 6, e19219.	2.5	14
184	Biological flora of Central Europe: Dactylorhiza sambucina (L.) SoÃ³. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 318-329.	2.7	14
185	East Asian Lobelioideae and ancient divergence of a giant rosette Lobelia in Himalayan Bhutan. Taxon, 2016, 65, 293-304.	0.7	14
186	Bee species recorded between 1992 and 2017 from green roofs in Asia, Europe, and North America, with key characteristics and open research questions. Apidologie, 2018, 49, 307-313.	2.0	14
187	Molecular Clocks and Archeogenomics of a Late Period Egyptian Date Palm Leaf Reveal Introgression from Wild Relatives and Add Timestamps on the Domestication. Molecular Biology and Evolution, 2021, 38, 4475-4492.	8.9	14
188	Revisions of Pterogastra and Schwackaea (Melastomataceae: Melastomeae). Nordic Journal of Botany, 1994, 14, 65-71.	0.5	13
189	<i>Cucumis</i> (Cucurbitaceae) in Australia and Eastern Malesia, Including Newly Recognized Species and the Sister Species to <i>C. melo</i>. Systematic Botany, 2011, 36, 376-389.	0.5	13
190	Long-spurred Angraecum orchids and long-tongued sphingid moths on Madagascar: a time frame for Darwinâ€™s predicted Xanthopan/Angraecum coevolution. Biological Journal of the Linnean Society, 2017, 122, 469-478.	1.6	13
191	Further analysis of 1532 deciduous woody species from North America, Europe, and Asia supports continentalâ€scale differences in red autumn colouration. New Phytologist, 2020, 228, 814-815.	7.3	13
192	A specific insertion of a solo-LTR characterizes the Y-chromosome of Bryonia dioica (Cucurbitaceae). BMC Research Notes, 2010, 3, 166.	1.4	12
193	Passerine Pollination of <i>Rhodoleia championii</i> (Hamamelidaceae) in Subtropical China. Biotropica, 2010, 42, 336-341.	1.6	12
194	Two hAT transposon genes were transferred from Brassicaceae to broomrapes and are actively expressed in some recipients. Scientific Reports, 2016, 6, 30192.	3.3	12
195	Evidence for Dosage Compensation in Coccinia grandis, a Plant with a Highly Heteromorphic XY System. Genes, 2020, 11, 787.	2.4	12
196	The Evolution of Colchicaceae, with a Focus on Chromosome Numbers. Systematic Botany, 2014, 39, 415-427.	0.5	11
197	Coevolution with pollinating resin midges led to resin-filled nurseries in the androecia, gynoecia and tepals of Kadsura (Schisandraceae). Annals of Botany, 2017, 120, 653-664.	2.9	11
198	Is plant collecting in Germany coming to an end?. Willdenowia, 2016, 46, 93-97.	0.8	11

#	Article	IF	Citations
199	A new Australian species of Luffa (Cucurbitaceae) and typification of two Australian Cucumis names, all based on specimens collected by Ferdinand Mueller in 1856. PhytoKeys, 2011, 5, 21.	1.0	10
200	Data storage and data re-use in taxonomyâ€"the need for improved storage and accessibility of heterogeneous data. Organisms Diversity and Evolution, 2020, 20, 1-8.	1.6	10
201	How changes in spring and autumn phenology translate into growthâ€experimental evidence of asymmetric effects. Journal of Ecology, 2021, 109, 2717-2728.	4.0	10
202	Population-genomic analyses reveal bottlenecks and asymmetric introgression from Persian into iron walnut during domestication. Genome Biology, 2022, 23, .	8.8	10
203	The Relationship Between <i>Anisosperma</i> and <i>Fevillea</i> (Cucurbitaceae), and a New Species of <i>Fevillea</i> from Bolivia. Systematic Botany, 2009, 34, 704-708.	0.5	9
204	The International Phenological Garden network (1959 to 2021): its 131 gardens, cloned study species, data archiving, and future. International Journal of Biometeorology, 2022, 66, 35-43.	3.0	9
205	One-year-old flower strips already support a quarter of a cityâ€™s bee species. Journal of Hymenoptera Research, 0, 75, 87-95.	0.8	9
206	A valid name for the Xishuangbanna gourd, a cucumber with carotene-rich fruits. PhytoKeys, 2017, 85, 87-94.	1.0	9
207	New Species and New Combinations in Sonerila and Phyllagathis (Melastomataceae) from Thailand. Novon, 1997, 7, 106.	0.3	8
208	Taxonomy in the electronic age and an eâ€monograph of the papaya family (C aricaceae) as an example. Cladistics, 2015, 31, 321-329.	3.3	8
209	Clock-dated phylogeny for 48% of the 700 species of Crotalaria (Fabaceaeâ€"Papilionoideae) resolves sections worldwide and implies conserved flower and leaf traits throughout its pantropical range. BMC Evolutionary Biology, 2017, 17, 61.	3.2	8
210	Different from tracheophytes, liverworts commonly have mixed 35S and 5S arrays. Annals of Botany, 2020, 125, 1057-1064.	2.9	8
211	Tradeoffs in the evolution of plant farming by ants. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2535-2543.	7.1	8
212	Centromere organization and UU/V sex chromosome behavior in a liverwort. Plant Journal, 2021, 106, 133-141.	5.7	8
213	Correct names for some of the closest relatives of Carica papaya: A review of the Mexican/GuatemalanÂgenera Jarilla and Horovitzia. PhytoKeys, 2013, 29, 63-74.	1.0	8
214	Early evolution of Coriariaceae (Cucurbitales) in light of a new early Campanian (ca. 82 Mya) pollen record from Antarctica. Taxon, 2020, 69, 87-99.	0.7	7
215	Biogeography, third edition. Systematic Biology, 2006, 55, 696-698.	5.6	6
216	Structure in mutualistic networks. Nature, 2007, 448, 877-879.	27.8	6

#	Article	IF	Citations
217	Bee species decrease and increase between the 1990s and 2018 in large urban protected sites. Journal of Insect Conservation, 2020, 24, 637-642.	1.4	6
218	Climate data and flowering times for 450 species from 1844 deepen the record of phenological change in southern Germany. American Journal of Botany, 2021, 108, 711-717.	1.7	6
219	Sex determination and sex chromosome evolution in land plants. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210210.	4.0	6
220	Coccinia (Cucurbitaceae) gains two new species from East Africa, three new synonyms, and one new combination. Kew Bulletin, 2010, 65, 435-441.	0.9	5
221	Morphological and molecular data reveal three rather than one species of Sicyos (Cucurbitaceae) in Australia, New Zealand and Islands of the South West Pacific. Australian Systematic Botany, 2012, 25, 188.	0.9	5
222	Examining the supportâ€“supply and budâ€packing hypotheses for the increase in toothed leaf margins in northern deciduous floras. American Journal of Botany, 2019, 106, 1404-1411.	1.7	5
223	The evolution of huge Y chromosomes in <i>Coccinia grandis</i> and its sister, <i>Coccinia schimperi</i>. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210294.	4.0	5
224	A New Miconia (Melastomataceae) from Bolivia, with Remarks on Angular-Branched Species in the Andes. Novon, 2003, 13, 110.	0.3	4
225	A Phylogeny and Revised Circumscription for<i>Kairoa</i>(Monimiaceae), with the Description of a New Species from Papua New Guinea. Harvard Papers in Botany, 2009, 14, 71-81.	0.2	4
226	Biogeographic insights from a shortâ€lived Palaeocene island in the Ninetyeast Ridge. Journal of Biogeography, 2010, 37, 1177-1178.	3.0	4
227	<i>Squamellaria</i>: Plants domesticated by ants. Plants People Planet, 2019, 1, 302-305.	3.3	4
228	(093â€“096) Proposals to permit nuclear <scp>DNA</scp> sequences as nomenclatural types when preservation of specimens is not feasible. Taxon, 2021, 70, 1380-1381.	0.7	4
229	New Species of Siparuna (Siparunaceae) III. Three New Species and One Newly Ranked Entity from Colombia, Ecuador, and Peru. Novon, 2000, 10, 134.	0.3	3
230	Paul Stefan Vogel (1925â€“2015). Taxon, 2016, 65, 203-204.	0.7	3
231	Deciphering the complex architecture of an herb using micro-computed X-ray tomography, with an illustrated discussion on architectural diversity of herbs. Botanical Journal of the Linnean Society, 2018, 186, 145-157.	1.6	3
232	Rising air humidity during spring does not trigger leafâ€out in temperate woody plants. New Phytologist, 2020, 225, 16-20.	7.3	3
233	Bitter gourd from Africa expanded to Southeast Asia and was domesticated there: A new insight from parallel studies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24630-24631.	7.1	3
234	Response to Comment on â€œIncreased growing-season productivity drives earlier autumn leaf senescence in temperate treesâ€. Science, 2021, 371, .	12.6	3

#	Article	IF	Citations
235	Threeâ€dimensional Xâ€rayâ€computed tomography of 3300â€•to 6000â€yearâ€old <i>Citrullus</i> seeds from Libya and Egypt compared to extant seeds throws doubts on species assignments. Plants People Planet, 2021, 3, 694-702.	3.3	3
236	Genomeâ€wide transcriptome signatures of antâ€farmed <i>Squamellaria</i> epiphytes reveal key functions in a unique symbiosis. Ecology and Evolution, 2021, 11, 15882-15895.	1.9	3
237	Trees growing in Eastern North America experience higher autumn solar irradiation than their European relatives, but is nitrogen limitation another factor explaining anthocyaninâ€red autumn leaves?. Journal of Evolutionary Biology, 2022, 35, 183-188.	1.7	3
238	New Species of Siparuna (Monimiaceae) I. Four New Species from Ecuador and Colombia. Novon, 1995, 5, 61.	0.3	2
239	Climate and symbioses with ants modulate leaf/stem scaling in epiphytes. Scientific Reports, 2019, 9, 2624.	3.3	2
240	New Species of Siparuna (Monimiaceae) II. Seven New Species from Ecuador and Colombia. Novon, 1996, 6, 103.	0.3	1
241	Response to Comments on â€œGlobal Correlations in Tropical Tree Species Richness and Abundance Reject Neutralityâ€. Science, 2012, 336, 1639-1639.	12.6	1
242	The organization of nuclear ribosomal DNA in gnetophytes â€" physically separate and physically linked arrangements of 35S and 5S genes. A commentary on: â€˜Remarkable variation of ribosomal DNA organization and copy number in gnetophytes, a distinct lineage of gymnospermsâ€™. Annals of Botany, 2019, 123, vi-vii.	2.9	1
243	JOSEF BOGNER (1939â€"2020). Taxon, 2020, 69, 643-646.	0.7	1
244	(069) Recommendation for adding photographs of type specimens to the protologues of new names of taxa at the rank of species or below. Taxon, 2021, 70, 452-453.	0.7	1
245	An illustrated step-by-step protocol for investigating liverwort chromosomes. Bryophyte Diversity and Evolution, 2021, 43, .	1.1	1
246	Evolution: How Flowers Switch from Nectar to Oil asÂaÂPollinator Reward. Current Biology, 2021, 31, R18-R20.	3.9	1
247	Placing plant mating in a broad ecological context. Trends in Ecology and Evolution, 2007, 22, 512-513.	8.7	0
248	From Taxonomy to Phylogenetics: Life and Work of Willi Hennig.â€" By Michael Schmitt.. Systematic Biology, 2014, 63, 452-453.	5.6	0
249	Susanne S. Renner. Current Biology, 2019, 29, R1290.	3.9	0
250	Jochen Heinrichs March 14, 1969 â€" April 22, 2018. Cryptogamie, Bryologie, 2018, 39, 407-412.	0.2	0
251	Statistical evidence that honeybees competitively reduced wild bee abundance in the Munich Botanic Garden in 2020 compared to 2019. Oecologia, 2022, 198, 343-344.	2.0	0
252	In memoriam Professor Dr.ÂDieter Podlech. Taxon, 2022, 71, 491-492.	0.7	0

#	Article	IF	Citations
253	Plant Evolution and Systematics 1982â€“2022: Changing Questions and Methods as Seen by a Participant. Progress in Botany Fortschritte Der Botanik, 2022, , .	0.3	0