Erik F Smets

List of Publications by Year
in descending order

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256 papers	9,137 citations	47006 47 h-index	79698 73 g-index
257 all docs	257 docs citations	257 times ranked	7660 citing authors

#	Article	IF	Citations
1	Exploring genetic variation in the tomato (Solanum section Lycopersicon) clade by wholeâ€genome sequencing. Plant Journal, 2014, 80, 136-148.	5.7	397
2	Aluminum Hyperaccumulation in Angiosperms: A Review of Its Phylogenetic Significance. Botanical Review, The, 2002, 68, 235-269.	3.9	222
3	Bacterial Leaf Symbiosis in Angiosperms: Host Specificity without Co-Speciation. PLoS ONE, 2011, 6, e24430.	2.5	174
4	Phylogeny of Cyperaceae Based on DNA Sequence Data: Current Progress and Future Prospects. Botanical Review, The, 2009, 75, 2-21.	3.9	169
5	Rapid radiation of Impatiens (Balsaminaceae) during Pliocene and Pleistocene: Result of a global climate change. Molecular Phylogenetics and Evolution, 2009, 52, 806-824.	2.7	161
6	What shapes amino acid and sugar composition in Mediterranean floral nectars?. Oikos, 2006, 115, 155-169.	2.7	149
7	Orbicules in angiosperms: Morphology, function, distribution, and relation with tapetum types. Botanical Review, The, 1998, 64, 240-272.	3.9	146
8	Changes in pit membrane porosity due to deflection and stretching: the role of vestured pits. Journal of Experimental Botany, 2004, 55, 1569-1575.	4.8	143
9	Phylogeny and biogeography of Balsaminaceae inferred from ITS sequences. Taxon, 2004, 53, 391-404.	0.7	133
10	Symbiotic diversity, specificity and distribution of rhizobia in native legumes of the Core Cape Subregion (South Africa). FEMS Microbiology Ecology, 2015, 91, 1-17.	2.7	131
11	Phylogenetics of <I>Impatiens</I> and <I>Hydrocera</I> (Balsaminaceae) Using Chloroplast <I>atpB-rbcL</I> Spacer Sequences. Systematic Botany, 2006, 31, 171-180.	0.5	112
12	Insular Woodiness on the Canary Islands: A Remarkable Case of Convergent Evolution. International Journal of Plant Sciences, 2013, 174, 992-1013.	1.3	104
13	Evolutionary dynamics and biogeography of <scp>M</scp>usaceae reveal a correlation between the diversification of the banana family and the geological and climatic history of Southeast Asia. New Phytologist, 2016, 210, 1453-1465.	7.3	103
14	A Plastid Gene Phylogeny Of the Yam Genus, <I>Dioscorea</I>: Roots, Fruits and Madagascar. Systematic Botany, 2005, 30, 736-749.	0.5	102
15	Phylogeny of Cyperaceae Based on DNA Sequence Dataâ€“a New rbcL Analysis. Aliso, 2007, 23, 72-83.	0.2	97
16	Variation in xylem structure from tropics to tundra: Evidence from vestured pits. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8833-8837.	7.1	92
17	Aluminium Accumulation in Leaves of 127 Species in Melastomataceae, with Comments on the Order Myrtales. Annals of Botany, 2002, 90, 53-64.	2.9	91
18	Phylogeny and evolution of Burmanniaceae (Dioscoreales) based on nuclear and mitochondrial data. American Journal of Botany, 2006, 93, 1684-1698.	1.7	86

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19	Summer temperature increase has distinct effects on the ectomycorrhizal fungal communities of moist tussock and dry tundra in Arctic Alaska. Global Change Biology, 2015, 21, 959-972.	9.5	83
20	The evolution and function of vessel and pit characters with respect to cavitation resistance across 10 Prunus species. Tree Physiology, 2013, 33, 684-694.	3.1	82
21	Does temperature stress induce nectar secretion in Mediterranean plants?. New Phytologist, 1996, 133, 513-518.	7.3	77
22	CARNOY: A new digital measurement tool for palynology. Grana, 2002, 41, 124-126.	0.8	77
23	Complex polyandry in the Magnoliatae: definition, distribution and systematic value. Nordic Journal of Botany, 1992, 12, 621-649.	0.5	75
24	Man and environment in the territory of Sagalassos, a classical city in SW Turkey. Quaternary Science Reviews, 1999, 18, 697-709.	3.0	74
25	Phylogeny of the Herbaceous Tribe Spermacoceae (Rubiaceae) Based on Plastid DNA Data¹. Annals of the Missouri Botanical Garden, 2009, 96, 109-132.	1.3	74
26	Long-term warming alters richness and composition of taxonomic and functional groups of arctic fungi. FEMS Microbiology Ecology, 2015, 91, fiv095.	2.7	72
27	Biogeographical Patterns of Legume-Nodulating Burkholderia spp.: from African Fynbos to Continental Scales. Applied and Environmental Microbiology, 2016, 82, 5099-5115.	3.1	71
28	Staminodes: Their morphological and evolutionary significance. Botanical Review, The, 2001, 67, 351-402.	3.9	68
29	Experimental Design Criteria in Phylogenetics: Where to Add Taxa. Systematic Biology, 2007, 56, 609-622.	5.6	65
30	Phylogenetic significance of leaf micromorphology and anatomy in the tribe Mentheae (Nepetoideae:) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	65
31	Identification of the bacterial endosymbionts in leaf nodules of Pavetta (Rubiaceae). International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 202-209.	1.7	62
32	Intervascular pit membranes with a torus in the wood of Ulmus (Ulmaceae) and related genera. New Phytologist, 2004, 163, 51-59.	7.3	61
33	Change in floral nectar components from fresh to senescent flowers ofCapparis spinosa (Capparidaceae), a nocturnally flowering Mediterranean shrub. Plant Systematics and Evolution, 1996, 199, 79-92.	0.9	60
34	Diversification of myco-heterotrophic angiosperms: evidence from Burmanniaceae. BMC Evolutionary Biology, 2008, 8, 178.	3.2	58
35	World Flora Online: Placing taxonomists at the heart of a definitive and comprehensive global resource on the world's plants. Taxon, 2020, 69, 1311-1341.	0.7	58
36	A Comparative Study of Metal Levels in Leaves of Some Al-accumulating Rubiaceae. Annals of Botany, 2003, 91, 657-663.	2.9	57

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37	Mycoheterotrophic interactions are not limited to a narrow phylogenetic range of arbuscular mycorrhizal fungi. Molecular Ecology, 2012, 21, 1524-1532.	3.9	57
38	Conflicting phylogenies of balsaminoid families and the polytomy in Ericales: combining data in a Bayesian framework. Molecular Phylogenetics and Evolution, 2004, 31, 711-729.	2.7	55
39	Palynological Characters and Their Phylogenetic Signal in Rubiaceae. Botanical Review, The, 2005, 71, 354-414.	3.9	55
40	What is a Genus in Cypereae: Phylogeny, Character Homology Assessment and Generic Circumscription in Cypereae. Botanical Review, The, 2009, 75, 52-66.	3.9	55
41	Late Holocene Environmental Change and the Record of Human Impact at Gravgaz near Sagalassos, Southwest Turkey. Journal of Archaeological Science, 2000, 27, 571-595.	2.4	54
42	Petaloidy and petal identity MADSâ€box genes in the balsaminoid genera Impatiens and Marcgravia. Plant Journal, 2006, 47, 501-518.	5.7	54
43	Bias and conflict in phylogenetic inference of mycoâ€heterotrophic plants: a case study in Thismiaceae. Cladistics, 2009, 25, 64-77.	3.3	54
44	Vestured pits: their occurrence and systematic importance in eudicots. Taxon, 2001, 50, 135-167.	0.7	53
45	The potential of marginal lands for bees and apiculture: nectar secretion in Mediterranean shrublands. Apidologie, 1995, 26, 39-52.	2.0	52
46	Exploring the evolutionary origin of floral organs of Erycina pusilla, an emerging orchid model system. BMC Evolutionary Biology, 2017, 17, 89.	3.2	52
47	Characterization of the papilionoidâ€“ Burkholderia interaction in the Fynbos biome: The diversity and distribution of beta-rhizobia nodulating Podalyria calyptrata (Fabaceae, Podalyrieae). Systematic and Applied Microbiology, 2016, 39, 41-48.	2.8	51
48	Longâ€term experimental warming alters community composition of ascomycetes in Alaskan moist and dry arctic tundra. Molecular Ecology, 2015, 24, 424-437.	3.9	50
49	The distribution and the systematic relevance of the androecial characters oligomery and polymery in the Magnoliophytina. Nordic Journal of Botany, 1987, 7, 239-253.	0.5	49
50	Ecological trends in the wood anatomy of Vaccinioideae (Ericaceae s.l.). Flora: Morphology, Distribution, Functional Ecology of Plants, 2004, 199, 309-319.	1.2	49
51	Phylogenetic utility of the AP3/DEF K-domain and its molecular evolution in Impatiens (Balsaminaceae). Molecular Phylogenetics and Evolution, 2007, 43, 225-239.	2.7	49
52	Stem anatomy supports Arabidopsis thaliana as a model for insular woodiness. New Phytologist, 2012, 193, 12-17.	7.3	48
53	The Search for Common Origin: Homology Revisited. Systematic Biology, 2019, 68, 767-780.	5.6	48
54	Aluminium Accumulation in Leaves of Rubiaceae: Systematic and Phylogenetic Implications. Annals of Botany, 2000, 85, 91-101.	2.9	46

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55	Pollen morphology of Dioscorea (Dioscoreaceae) and its relation to systematics. Botanical Journal of the Linnean Society, 2003, 143, 375-390.	1.6	46
56	Insular woody daisies (Argyranthemum, Asteraceae) are more resistant to droughtâ€induced hydraulic failure than their herbaceous relatives. Functional Ecology, 2018, 32, 1467-1478.	3.6	46
57	A Search for Phylogenetically Informative Pollen Characters in the Subtribe Salviinae (Mentheae:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	45
58	Systematic significance of fruit morphology and anatomy in tribes Persicarieae and Polygoneae (Polygonaceae). Botanical Journal of the Linnean Society, 2000, 134, 301-337.	1.6	44
59	Comparative pollen morphology and ultrastructure of Mentheae subtribe Nepetinae (Lamiaceae). Review of Palaeobotany and Palynology, 2008, 149, 174-186.	1.5	44
60	Spikelet structure and development in Cyperoideae (Cyperaceae): a monopodial general model based on ontogenetic evidence. Annals of Botany, 2010, 105, 555-571.	2.9	44
61	Floral ontogeny and anatomy inKoelreuteria with special emphasis on monosymmetry and septal cavities. Plant Systematics and Evolution, 2000, 223, 91-107.	0.9	43
62	Systematic value of tapetal orbicules: a preliminary survey of the Cinchonoideae (Rubiaceae). Canadian Journal of Botany, 1997, 75, 815-826.	1.1	42
63	A plastid DNA phylogeny of tribe Miliuseae: Insights into relationships and character evolution in one of the most recalcitrant major clades of Annonaceae. American Journal of Botany, 2014, 101, 691-709.	1.7	42
64	Anchored hybrid enrichment generated nuclear, plastid and mitochondrial markers resolve the Lepanthes horrida (Orchidaceae: Pleurothallidinae) species complex. Molecular Phylogenetics and Evolution, 2018, 129, 27-47.	2.7	42
65	Tribal Relationships in Caprifoliaceae: Evidence from a Cladistic Analysis Using ndhF Sequences. Systematics and Geography of Plants, 1999, 69, 145.	0.1	41
66	Vestured Pits: Do They Promote Safer Water Transport?. International Journal of Plant Sciences, 2003, 164, 405-413.	1.3	41
67	DÃ©doublement revisited: towards a renewed interpretation of the androecium of the Magnoliophytina. Botanical Journal of the Linnean Society, 1993, 113, 103-124.	1.6	40
68	Pseudodiplostemony, and its implications for the evolution of the androecium in the Caryophyllaceae. Journal of Plant Research, 1998, 111, 25-43.	2.4	40
69	The potential role of orbicules as a vector of allergens. Allergy: European Journal of Allergy and Clinical Immunology, 2001, 56, 1129-1136.	5.7	40
70	Morphology of pollen and orbicules in some Dioscorea species and its systematic implications. Botanical Journal of the Linnean Society, 2001, 136, 295-311.	1.6	40
71	Pollen of African Spermacoce species (Rubiaceae) Morphology and evolutionary aspects. Grana, 2002, 41, 69-89.	0.8	40
72	The role of wood anatomy in phylogeny reconstruction of Ericales. Cladistics, 2007, 23, 229-294.	3.3	40

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73	A Floral Ontogenetic Approach to Questions of Homology within the Cyperoideae (Cyperaceae). Botanical Review, The, 2009, 75, 30-51.	3.9	40
74	New insights in the long-debated evolutionary history of Triuridaceae (Pandanales). Molecular Phylogenetics and Evolution, 2013, 69, 994-1004.	2.7	40
75	Phylogeny of the Linnaea clade: Are Abelia and Zabelia closely related?. Molecular Phylogenetics and Evolution, 2010, 57, 741-752.	2.7	39
76	Ancient Gondwana breakâ€up explains the distribution of the mycoheterotrophic family Corsiaceae (Liliales). Journal of Biogeography, 2015, 42, 1123-1136.	3.0	39
77	Recombination and horizontal transfer of nodulation and ACC deaminase (acdS) genes withinAlpha- andBetaproteobacterianodulating legumes of the Cape Fynbos biome. FEMS Microbiology Ecology, 2015, 91, fiv118.	2.7	39
78	Palynological evolutionary trends within the tribe Mentheae with special emphasis on subtribe Menthinae (Nepetoideae: Lamiaceae). Plant Systematics and Evolution, 2008, 275, 93-108.	0.9	38
79	Pistillataâ€"Duplications as a Mode for Floral Diversification in (Basal) Asterids. Molecular Biology and Evolution, 2009, 26, 2627-2645.	8.9	38
80	Rate accelerations in nuclear 18S rDNA of mycoheterotrophic and parasitic angiosperms. Journal of Plant Research, 2011, 124, 561-576.	2.4	38
81	The Effect of Nutrient and Water Availability on Nectar Secretion and Nectary Structure of the Dominant Labiatae Species of Phrygana. Systematics and Geography of Plants, 1999, 68, 233.	0.1	37
82	Phylogenetic relationships of the mycoheterotrophic genus Voyria and the implications for the biogeographic history of Gentianaceae. American Journal of Botany, 2013, 100, 712-721.	1.7	37
83	Vestures in Woody Plants: A Review. IAWA Journal, 1998, 19, 347-382.	2.7	36
84	Morphology and ultrastructure of orbicules in the subfamily Ixoroideae (Rubiaceae). Review of Palaeobotany and Palynology, 2000, 108, 151-174.	1.5	36
85	Pollen morphology of NW European representatives confirms monophyly of Rubieae (Rubiaceae). Review of Palaeobotany and Palynology, 2003, 127, 219-240.	1.5	36
86	Micromorphology and Character Evolution of Nutlets in Tribe Mentheae (Nepetoideae, Lamiaceae). Systematic Botany, 2009, 34, 760-776.	0.5	36
87	Phylogeny of Tricalysia (Rubiaceae) and its Relationships with Allied Genera Based on Plastid DNA Data: Resurrection of the Genus Empogona¹. Annals of the Missouri Botanical Garden, 2009, 96, 194-213.	1.3	36
88	Age and historical biogeography of the pantropically distributed Spathelioideae (Rutaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Tc	3.0	36
89	Longâ€term increase in snow depth leads to compositional changes in arctic ectomycorrhizal fungal communities. Global Change Biology, 2016, 22, 3080-3096.	9.5	36
90	The impact of receptacular growth on polyandry in the Myrtales. Botanical Journal of the Linnean Society, 1991, 105, 257-269.	1.6	35

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91	A SURVEY OF THE SYSTEMATIC WOOD ANATOMY OF THE RUBIACEAE. IAWA Journal, 2002, 23, 1-67.	2.7	35
92	Morphology and development of spikelets and flowers in Cyperus and Pycreus (Cyperaceae). Plant Ecology and Evolution, 2011, 144, 44-63.	0.7	35
93	The floral development of Popowia whitei (Annonaceae). Nordic Journal of Botany, 1990, 10, 411-420.	0.5	34
94	Theligonum cynocrambe: Developmental morphology of a peculiar rubiaceous herb. Plant Systematics and Evolution, 1998, 210, 1-24.	0.9	34
95	Relationships within balsaminoid Ericales: a wood anatomical approach. American Journal of Botany, 2005, 92, 941-953.	1.7	34
96	The multiple fuzzy origins of woodiness within Balsaminaceae using an integrated approach. Where do we draw the line?. Annals of Botany, 2012, 109, 783-799.	2.9	34
97	The flora phenotype ontology (FLOPO): tool for integrating morphological traits and phenotypes of vascular plants. Journal of Biomedical Semantics, 2016, 7, 65.	1.6	34
98	Scalariform-to-simple transition in vessel perforation plates triggered by differences in climate during the evolution of Adoxaceae. Annals of Botany, 2016, 118, 1043-1056.	2.9	34
99	Compositional and functional shifts in arctic fungal communities in response to experimentally increased snow depth. Soil Biology and Biochemistry, 2016, 100, 201-209.	8.8	34
100	A histological study of microsporogenesis inTarenna gracilipes(Rubiaceae). Grana, 2005, 44, 30-44.	0.8	33
101	Phylogeny, evolutionary trends and classification of the Spatheliaâ€“Ptaeroxylon clade: morphological and molecular insights. Annals of Botany, 2011, 107, 1259-1277.	2.9	33
102	The Floral Nectaries of Polygonum s.l. and related genera (Persicarieae and Polygoneae) : Position, Morphological Nature and Semophylesis. Flora: Morphology, Distribution, Functional Ecology of Plants, 1991, 185, 165-185.	1.2	32
103	Embolism resistance in stems of herbaceous Brassicaceae and Asteraceae is linked to differences in woodiness and precipitation. Annals of Botany, 2019, 124, 1-14.	2.9	32
104	A floral ontogenetic study on the sister group relationship between the genus Samolus (Primulaceae) and the Theophrastaceae. American Journal of Botany, 2004, 91, 627-643.	1.7	31
105	Floral development in three species of Impatiens (Balsaminaceae). American Journal of Botany, 2006, 93, 1-14.	1.7	31
106	Phylogeny of tribe Mentheae (Lamiaceae): The story of molecules and micromorphological characters. Taxon, 2010, 59, 1065-1076.	0.7	31
107	A comparison of paraffin and resinâ€based techniques used in bark anatomy. Taxon, 2011, 60, 841-851.	0.7	31
108	Dispersing towards Madagascar: Biogeography and evolution of the Madagascan endemics of the Spermacoceae tribe (Rubiaceae). Molecular Phylogenetics and Evolution, 2016, 95, 58-66.	2.7	31

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109	Pollen morphological support for the Catesbaeeae-Chiococceae-Exostema-complex (Rubiaceae). Grana, 1999, 38, 325-338.	0.8	30
110	Floral Development of Three Maesa Species, with Special Emphasis on the Position of the Genus within Primulales. Annals of Botany, 2000, 86, 87-97.	2.9	30
111	Orbicules in Flowering Plants: A Phylogenetic Perspective on their Form and Function. Botanical Review, The, 2014, 80, 107-134.	3.9	30
112	Endophytic Bacteria in Toxic South African Plants: Identification, Phylogeny and Possible Involvement in Gousiekte. PLoS ONE, 2011, 6, e19265.	2.5	30
113	Vessel grouping patterns in subfamilies Apocynoideae and Periplocoideae confirm phylogenetic value of wood structure within Apocynaceae. American Journal of Botany, 2009, 96, 2168-2183.	1.7	29
114	Thismia americana, the 101st Anniversary of a Botanical Mystery. International Journal of Plant Sciences, 2014, 175, 165-175.	1.3	29
115	Morphological and Ultrastructural Diversity of Orbicules in Relation to Evolutionary Tendencies in Apocynaceae s.l.. Annals of Botany, 2002, 90, 647-662.	2.9	28
116	Comparative Wood Anatomy of Epacrids (Styphelioideae, Ericaceae s.l.). Annals of Botany, 2003, 91, 835-856.	2.9	28
117	Pollen Evolution in Yams (<I>Dioscorea</I>: Dioscoreaceae). Systematic Botany, 2005, 30, 750-758.	0.5	28
118	Bacterial leaf symbiosis in Ardisia (Myrsinoideae, Primulaceae): molecular evidence for host specificity. Research in Microbiology, 2011, 162, 528-534.	2.1	28
119	Pollination ofSpeckliniaby nectar-feedingDrosophila: the first reported case of a deceptive syndrome employing aggregation pheromones in Orchidaceae. Annals of Botany, 2015, 116, 437-455.	2.9	28
120	Pollen development ofRondeletia odorata(Rubiaceae). American Journal of Botany, 2001, 88, 14-30.	1.7	27
121	Wood anatomy of Rauvolfioideae (Apocynaceae): a search for meaningful nonâ€DNA characters at the tribal level. American Journal of Botany, 2008, 95, 1199-1215.	1.7	27
122	Woodiness within the Spermacoceaeâ€“Knoxieae alliance (Rubiaceae): retention of the basal woody condition in Rubiaceae or recent innovation?. Annals of Botany, 2009, 103, 1049-1064.	2.9	27
123	Unraveling the Phylogeny of Heptacodium and Zabelia (Caprifoliaceae): An Interdisciplinary Approach. Systematic Botany, 2011, 36, 231-252.	0.5	27
124	Functional network analysis of genes differentially expressed during xylogenesis in soc1ful woody Arabidopsis plants. Plant Journal, 2016, 86, 376-390.	5.7	27
125	A Floral Ontogenetic Study in the Dipsacales. International Journal of Plant Sciences, 1996, 157, 203-218.	1.3	26
126	Palynological Variation in Balsaminoid Ericales. II. Balsaminaceae, Tetrameristaceae, Pellicieraceae and General Conclusions. Annals of Botany, 2005, 96, 1061-1073.	2.9	26

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127	Palynological Variation in Balsaminoid Ericales. I. Marcgraviaceae. Annals of Botany, 2005, 96, 1047-1060.	2.9	26
128	Systematic palynology in Ebenaceae with focus on Ebenoideae: Morphological diversity and character evolution. Review of Palaeobotany and Palynology, 2009, 153, 336-353.	1.5	26
129	Identification, origin, and evolution of leaf nodulating symbionts of Sericanthe (Rubiaceae). Journal of Microbiology, 2011, 49, 935-941.	2.8	26
130	Endosymbiont Transmission Mode in Bacterial Leaf Nodulation as Revealed by a Population Genetic Study of Psychotria leptophylla. Applied and Environmental Microbiology, 2012, 78, 284-287.	3.1	26
131	Searching for the taxonomic position of the African genus Colletoecema (Rubiaceae): morphology and anatomy compared to an rps16-intron analysis of the Rubioideae. Canadian Journal of Botany, 2000, 78, 288-304.	1.1	26
132	A search for the phylogenetic position of the seven-son flower (Heptacodium, Dipsacales): Combining molecular and morphological evidence. Plant Systematics and Evolution, 2000, 225, 185-199.	0.9	25
133	The Uncertain Systematic Position of Symplocos (Symplocaceae): Evidence from a Floral Ontogenetic Study. International Journal of Plant Sciences, 2002, 163, 67-74.	1.3	25
134	A new enzymeÂbased method for the treatment of fragile pollen grains collected from herbarium material. Taxon, 2004, 53, 777-782.	0.7	25
135	Evolution of fruit and seed characters in the Diervilla and Lonicera clades (Caprifoliaceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.9	25
136	Global Decline of and Threats to Aegagropila linnaei, with Special Reference to the Lake Ball Habit. BioScience, 2010, 60, 187-198.	4.9	25
137	The biogeographical history of the interaction between mycoheterotrophic Thismia (Thismiaceae) plants and mycorrhizal Rhizophagus (Glomeraceae) fungi. Journal of Biogeography, 2017, 44, 1869-1879.	3.0	25
138	Pollination of Trichosalpinx (Orchidaceae: Pleurothallidinae) by biting midges (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (Ce	1.6	25
139	The distribution and systematic relevance of the androecial character oligomery. Botanical Journal of the Linnean Society, 1995, 118, 193-247.	1.6	24
140	Floral Developmental Evidence for the Systematic Relationships of Tropaeolum(Tropaeolaceae). Annals of Botany, 2001, 88, 879-892.	2.9	24
141	Evolution and Phylogenetic Importance of Endocarp and Seed Characters inViburnum(Adoxaceae). International Journal of Plant Sciences, 2008, 169, 409-431.	1.3	24
142	Similarities in Floral Ontogeny and Anatomy between the Genera Francoa (Francoaceae) and Greyia (Greyiaceae). International Journal of Plant Sciences, 1999, 160, 377-393.	1.3	23
143	A comparison between modern pollen spectra of moss cushions and Cundill pollen traps. Grana, 2000, 39, 146-158.	0.8	23
144	Late Holocene local vegetation dynamics in the marsh of Gravgaz(southwest Turkey). Journal of Paleolimnology, 2002, 27, 429-451.	1.6	23

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145	A total evidence approach using palynological characters to infer the complex evolutionary history of the Asian Impatiens (Balsaminaceae). Taxon, 2012, 61, 355-367.	0.7	23
146	Evolutionary history of the Afro-Madagascan Ixora species (Rubiaceae): species diversification and distribution of key morphological traits inferred from dated molecular phylogenetic trees. Annals of Botany, 2013, 112, 1723-1742.	2.9	23
147	Intervessel pit membrane thickness best explains variation in embolism resistance amongst stems of Arabidopsis thaliana accessions. Annals of Botany, 2021, 128, 171-182.	2.9	23
148	Floral anatomy and systematics of Bretschneidera (Bretschneideraceae). Botanical Journal of the Linnean Society, 2002, 139, 29-45.	1.6	22
149	The Micromorphology of Pit Membranes in Tracheary Elements of Ericales: New Records of Tori or Pseudo-tori?. Annals of Botany, 2006, 98, 943-951.	2.9	22
150	A search for phylogenetically informative wood characters within Lecythidaceae s.l.. American Journal of Botany, 2007, 94, 483-502.	1.7	22
151	Palynological diversity and major evolutionary trends in Cyperaceae. Plant Systematics and Evolution, 2009, 277, 117-142.	0.9	22
152	Screening for leaf-associated endophytes in the genus Psychotria (Rubiaceae). FEMS Microbiology Ecology, 2012, 81, 364-372.	2.7	22
153	A collapsed tribe revisited: pollen morphology of the Isertieae (Cinchonoideaeâ€“Rubiaceae). Review of Palaeobotany and Palynology, 1998, 104, 85-113.	1.5	21
154	Wood anatomy of Elaeagnaceae, with comments on vestured pits, helical thickenings, and systematic relationships. American Journal of Botany, 2000, 87, 20-28.	1.7	21
155	Morphological and Ultrastructural Diversity of Orbicules in Gentianaceae. Annals of Botany, 2003, 92, 657-672.	2.9	21
156	Floral and Inflorescence Morphology and Ontogeny in Beta vulgaris, with Special Emphasis on the Ovary Position. Annals of Botany, 2008, 102, 643-651.	2.9	21
157	Evolution and systematic value of fruit and seed characters in Adoxaceae (Dipsacales). Taxon, 2010, 59, 850-866.	0.7	21
158	Floral ontogeny of five species ofTalinum and of related taxa (Portulacaceae). Journal of Plant Research, 1996, 109, 387-402.	2.4	20
159	Systematic importance of orbicule diversity in Gentianales. Grana, 2002, 41, 158-182.	0.8	20
160	Comparative Wood Anatomy of the Primuloid Clade (Ericales s.l.). Systematic Botany, 2005, 30, 163-183.	0.5	20
161	Selection on Length Mutations After Frameshift Can Explain the Origin and Retention of the AP3/DEF-Like Paralogues in Impatiens. Journal of Molecular Evolution, 2008, 66, 424-435.	1.8	20
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