

# 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	Inflorescence lignification of natural species and horticultural hybrids of <i>Phalaenopsis</i> orchids. <i>Scientia Horticulturae</i> , 2022, 295, 110845.	3.6	7
2	Evolution of pollination syndromes and corolla symmetry in Balsaminaceae reconstructed using phylogenetic comparative analyses. <i>Annals of Botany</i> , 2021, 127, 267-280.	2.9	7
3	Genome skimming reveals novel plastid markers for the molecular identification of illegally logged African timber species. <i>PLoS ONE</i> , 2021, 16, e0251655.	2.5	9
4	Sepal Identity of the Pappus and Floral Organ Development in the Common Dandelion ( <i>Taraxacum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.5	5
5	Intervessel pit membrane thickness best explains variation in embolism resistance amongst stems of <i>Arabidopsis thaliana</i> accessions. <i>Annals of Botany</i> , 2021, 128, 171-182.	2.9	23
6	Ontogeny and Anatomy of the Dimorphic Pitchers of <i>Nepenthes rafflesiana</i> Jack. <i>Plants</i> , 2020, 9, 1603.	3.5	5
7	World Flora Online: Placing taxonomists at the heart of a definitive and comprehensive global resource on the world's plants. <i>Taxon</i> , 2020, 69, 1311-1341.	0.7	58
8	Evolution and development of three highly specialized floral structures of bee-pollinated <i>Phalaenopsis</i> species. <i>EvoDevo</i> , 2020, 11, 16.	3.2	9
9	Antimicrobial Activity of Necklace Orchids is Phylogenetically Clustered and can be Predicted With a Biological Response Method. <i>Frontiers in Pharmacology</i> , 2020, 11, 586345.	3.5	8
10	Different ways to obtain similar results: the development of the corolla and epipetaly in Rubieae (Rubiaceae, Rubiaceae). <i>Plant Ecology and Evolution</i> , 2020, 153, 466-486.	0.7	3
11	Is the bacterial leaf nodule symbiosis obligate for <i>Psychotria umbellata</i> ? The development of a <i>Burkholderia</i> -free host plant. <i>PLoS ONE</i> , 2019, 14, e0219863.	2.5	5
12	Embolism resistance in stems of herbaceous Brassicaceae and Asteraceae is linked to differences in woodiness and precipitation. <i>Annals of Botany</i> , 2019, 124, 1-14.	2.9	32
13	Morphological and Molecular Characterization of Orchid Fruit Development. <i>Frontiers in Plant Science</i> , 2019, 10, 137.	3.6	19
14	Floral development in Gomphrenoideae (Amaranthaceae) with a focus on androecial tube and appendages. <i>Botanical Journal of the Linnean Society</i> , 2019, 190, 315-332.	1.6	4
15	The Search for Common Origin: Homology Revisited. <i>Systematic Biology</i> , 2019, 68, 767-780.	5.6	48
16	In memoriam Peter Hans Hovenkamp (1953–2019). <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2019, 64, v-ix.	0.2	1
17	Phylogenetic comparative methods improve the selection of characters for generic delimitations in a hyperdiverse Neotropical orchid clade. <i>Scientific Reports</i> , 2019, 9, 15098.	3.3	12
18	Palynology of African <i>Impatiens</i> (Balsaminaceae). <i>Palynology</i> , 2019, 43, 621-630.	1.5	3

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19	Three new species of Impatiens (Balsaminaceae) from Myanmar. <i>Phytotaxa</i> , 2018, 338, 63.	0.3	7
20	Insular woody daisies ( <i>Argyranthemum</i> , Asteraceae) are more resistant to drought-induced hydraulic failure than their herbaceous relatives. <i>Functional Ecology</i> , 2018, 32, 1467-1478.	3.6	46
21	Pollination of <i>Trichosalpinx</i> (Orchidaceae: Pleurothallidinae) by biting midges (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 25	1.6	25
22	Balsaminaceae of Myanmar. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2018, , .	0.2	7
23	Detection of Burkholderia in the seeds of <i>Psychotria punctata</i> (Rubiaceae) – Microscopic evidence for vertical transmission in the leaf nodule symbiosis. <i>PLoS ONE</i> , 2018, 13, e0209091.	2.5	11
24	Anchored hybrid enrichment generated nuclear, plastid and mitochondrial markers resolve the <i>Lepanthes horrida</i> (Orchidaceae: Pleurothallidinae) species complex. <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 27-47.	2.7	42
25	Floral evolution by simplification in <i>Monanthes</i> (Annonaceae) and hypotheses for pollination system shifts. <i>Scientific Reports</i> , 2018, 8, 12066.	3.3	2
26	The biogeographical history of the interaction between mycoheterotrophic <i>Thismia</i> (Thismiaceae) plants and mycorrhizal <i>Rhizophagus</i> (Glomeraceae) fungi. <i>Journal of Biogeography</i> , 2017, 44, 1869-1879.	3.0	25
27	Correlated evolutionary rates across genomic compartments in Annonaceae. <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 63-72.	2.7	13
28	Exploring the evolutionary origin of floral organs of <i>Erycina pusilla</i> , an emerging orchid model system. <i>BMC Evolutionary Biology</i> , 2017, 17, 89.	3.2	52
29	The relationship between nectaries and floral architecture: a case study in Geraniaceae and Hypseocharitaceae. <i>Annals of Botany</i> , 2017, 120, 791-803.	2.9	14
30	Description of 11 new <i>Astiella</i> (Spermacoaceae, Rubiaceae) species endemic to Madagascar. <i>European Journal of Taxonomy</i> , 2017, , .	0.6	1
31	Functional network analysis of genes differentially expressed during xylogenesis in woody <i>Arabidopsis</i> plants. <i>Plant Journal</i> , 2016, 86, 376-390.	5.7	27
32	Floral specialization for different pollinators and divergent use of the same pollinator among co-occurring <i>Impatiens</i> species (Balsaminaceae) from Southeast Asia. <i>Botanical Journal of the Linnean Society</i> , 2016, 181, 651-666.	1.6	19
33	Long-term increase in snow depth leads to compositional changes in arctic ectomycorrhizal fungal communities. <i>Global Change Biology</i> , 2016, 22, 3080-3096.	9.5	36
34	Evolutionary dynamics and biogeography of <i>Musaceae</i> reveal a correlation between the diversification of the banana family and the geological and climatic history of Southeast Asia. <i>New Phytologist</i> , 2016, 210, 1453-1465.	7.3	103
35	The flora phenotype ontology (FLOPO): tool for integrating morphological traits and phenotypes of vascular plants. <i>Journal of Biomedical Semantics</i> , 2016, 7, 65.	1.6	34
36	Scalariform-to-simple transition in vessel perforation plates triggered by differences in climate during the evolution of Adoxaceae. <i>Annals of Botany</i> , 2016, 118, 1043-1056.	2.9	34

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37	Compositional and functional shifts in arctic fungal communities in response to experimentally increased snow depth. <i>Soil Biology and Biochemistry</i> , 2016, 100, 201-209.	8.8	34
38	Biogeographical Patterns of Legume-Nodulating Burkholderia spp.: from African Fynbos to Continental Scales. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5099-5115.	3.1	71
39	Characterization of the papilionoid Burkholderia interaction in the Fynbos biome: The diversity and distribution of beta-rhizobia nodulating Podalyria calyptrata (Fabaceae, Podalyriaceae). <i>Systematic and Applied Microbiology</i> , 2016, 39, 41-48.	2.8	51
40	Dispersing towards Madagascar: Biogeography and evolution of the Madagascan endemics of the Spermaceae tribe (Rubiaceae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 95, 58-66.	2.7	31
41	Evolutionary diversification and historical biogeography of the Orchidaceae in Central America with emphasis on Costa Rica and Panama. <i>Lankesteriana</i> , 2016, 16, .	0.2	4
42	Morphology, molecular phylogenetics and biogeography of Impatiens akomensis (Balsaminaceae), a new species from Cameroon. <i>Plant Ecology and Evolution</i> , 2015, 148, 397-408.	0.7	6
43	Summer temperature increase has distinct effects on the ectomycorrhizal fungal communities of moist tussock and dry tundra in Arctic Alaska. <i>Global Change Biology</i> , 2015, 21, 959-972.	9.5	83
44	Ancient Gondwana breakup explains the distribution of the mycoheterotrophic family Corsiaceae (Liliales). <i>Journal of Biogeography</i> , 2015, 42, 1123-1136.	3.0	39
45	Long-term experimental warming alters community composition of ascomycetes in Alaskan moist and dry arctic tundra. <i>Molecular Ecology</i> , 2015, 24, 424-437.	3.9	50
46	Symbiotic diversity, specificity and distribution of rhizobia in native legumes of the Core Cape Subregion (South Africa). <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-17.	2.7	131
47	Pollination of <i>Specklinia</i> by nectar-feeding <i>Drosophila</i> : the first reported case of a deceptive syndrome employing aggregation pheromones in Orchidaceae. <i>Annals of Botany</i> , 2015, 116, 437-455.	2.9	28
48	Evolution of mycoheterotrophy in Polygalaceae: The case of <i>Epirixanthes</i> . <i>American Journal of Botany</i> , 2015, 102, 598-608.	1.7	11
49	Long-term warming alters richness and composition of taxonomic and functional groups of arctic fungi. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv095.	2.7	72
50	Recombination and horizontal transfer of nodulation and ACC deaminase ( <i>acdS</i> ) genes within <i>Alpha</i> - and <i>Beta</i> proteobacteria nodulating legumes of the Cape Fynbos biome. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv118.	2.7	39
51	A developmental model for the corolla in Rubiaceae. Cryptic character states in corollas of the Spermaceae alliance. <i>Plant Ecology and Evolution</i> , 2015, 148, 237-255.	0.7	5
52	Enigmatic floral structures in Alternanthera, Iresine, and Tidestromia (Gomphrenoideae). <i>Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50,142 Td (A</i>	0.7	11
53	Detailed markup of semi-monographic legacy taxonomic works using FlorML. <i>Taxon</i> , 2014, 63, 377-393.	0.7	14
54	Intron evolution in a phylogenetic perspective: Divergent trends in the two copies of the duplicated <i>def</i> gene in <i>Impatiens</i> L. (Balsaminaceae). <i>Journal of Systematics and Evolution</i> , 2014, 52, 134-148.	3.1	3

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55	Exploring genetic variation in the tomato ( <i>Solanum</i> section <i>Lycopersicon</i> ) clade by whole-genome sequencing. <i>Plant Journal</i> , 2014, 80, 136-148.	5.7	397
56	A plastid DNA phylogeny of tribe Miliuseae: Insights into relationships and character evolution in one of the most recalcitrant major clades of Annonaceae. <i>American Journal of Botany</i> , 2014, 101, 691-709.	1.7	42
57	Intraspecific variation in <i>Burkholderia caledonica</i> : Europe vs. Africa and soil vs. endophytic isolates. <i>Systematic and Applied Microbiology</i> , 2014, 37, 194-199.	2.8	10
58	<i>Thismia americana</i> , the 101st Anniversary of a Botanical Mystery. <i>International Journal of Plant Sciences</i> , 2014, 175, 165-175.	1.3	29
59	Orbicules in Flowering Plants: A Phylogenetic Perspective on their Form and Function. <i>Botanical Review</i> , The, 2014, 80, 107-134.	3.9	30
60	Insular Woodiness on the Canary Islands: A Remarkable Case of Convergent Evolution. <i>International Journal of Plant Sciences</i> , 2013, 174, 992-1013.	1.3	104
61	Phylogenetic lineages in Vanguerieae (Rubiaceae) associated with <i>Burkholderia</i> bacteria in sub-Saharan Africa. <i>American Journal of Botany</i> , 2013, 100, 2380-2387.	1.7	12
62	Biogeography and Conservation. , 2013, , 103-156.		18
63	Phylogenetic relationships of the mycoheterotrophic genus <i>Voyria</i> and the implications for the biogeographic history of Gentianaceae. <i>American Journal of Botany</i> , 2013, 100, 712-721.	1.7	37
64	New insights in the long-debated evolutionary history of Triuridaceae (Pandanales). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 994-1004.	2.7	40
65	The evolution and function of vessel and pit characters with respect to cavitation resistance across 10 <i>Prunus</i> species. <i>Tree Physiology</i> , 2013, 33, 684-694.	3.1	82
66	Evolutionary history of the Afro-Madagascan <i>Ixora</i> species (Rubiaceae): species diversification and distribution of key morphological traits inferred from dated molecular phylogenetic trees. <i>Annals of Botany</i> , 2013, 112, 1723-1742.	2.9	23
67	Taxonomy and phylogenetics of <i>Cuviera</i> (Rubiaceae-Vanguerieae) and reinstatement of <i>Globulostylis</i> with the description of three new species. <i>Botanical Journal of the Linnean Society</i> , 2013, 173, 407-441.	1.6	6
68	Symbiotic $\gamma$ -Proteobacteria beyond Legumes: <i>Burkholderia</i> in Rubiaceae. <i>PLoS ONE</i> , 2013, 8, e55260.	2.5	19
69	The multiple fuzzy origins of woodiness within Balsaminaceae using an integrated approach. Where do we draw the line?. <i>Annals of Botany</i> , 2012, 109, 783-799.	2.9	34
70	Floral development of <i>Hydrocera</i> and <i>Impatiens</i> reveals evolutionary trends in the most early diverged lineages of the Balsaminaceae. <i>Annals of Botany</i> , 2012, 109, 1285-1296.	2.9	10
71	Endosymbiont Transmission Mode in Bacterial Leaf Nodulation as Revealed by a Population Genetic Study of <i>Psychotria leptophylla</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 284-287.	3.1	26
72	Screening for leaf-associated endophytes in the genus <i>Psychotria</i> (Rubiaceae). <i>FEMS Microbiology Ecology</i> , 2012, 81, 364-372.	2.7	22

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73	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
74	A total evidence approach using palynological characters to infer the complex evolutionary history of the Asian <i>Impatiens</i> (Balsaminaceae). Taxon, 2012, 61, 355-367.	0.7	23
75	Pollen ontogeny linked to tapetal cell maturation in <i>Impatiens parviflora</i> (Balsaminaceae). Grana, 2012, 51, 10-24.	0.8	10
76	Stem anatomy supports <i>Arabidopsis thaliana</i> as a model for insular woodiness. New Phytologist, 2012, 193, 12-17.	7.3	48
77	Age and historical biogeography of the pantropically distributed Spathelioideae (Rutaceae). Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	3.0	36
78	Unisexual flowers as a robust synapomorphy in Cariceae (Cyperaceae)? Evidence for bisexual flowers in Schoenoxiphium. South African Journal of Botany, 2012, 78, 150-158.	2.5	10
79	Mycoheterotrophic interactions are not limited to a narrow phylogenetic range of arbuscular mycorrhizal fungi. Molecular Ecology, 2012, 21, 1524-1532.	3.9	57
80	Bacterial leaf symbiosis in Ardisia (Myrsinoideae, Primulaceae): molecular evidence for host specificity. Research in Microbiology, 2011, 162, 528-534.	2.1	28
81	Phylogeny, evolutionary trends and classification of the Spathelia-Ptaeroxylon clade: morphological and molecular insights. Annals of Botany, 2011, 107, 1259-1277.	2.9	33
82	A comparison of paraffin and resin-based techniques used in bark anatomy. Taxon, 2011, 60, 841-851.	0.7	31
83	Phylogenetic signal of orbicules at family level: Rubiaceae as case study. Taxon, 2011, 60, 742-757.	0.7	19
84	Morphology and development of spikelets and flowers in Cyperus and Pycreus (Cyperaceae). Plant Ecology and Evolution, 2011, 144, 44-63.	0.7	35
85	Challenges for biodiversity research in Europe. Procedia, Social and Behavioral Sciences, 2011, 13, 83-100.	0.5	8
86	Identification, origin, and evolution of leaf nodulating symbionts of Sericanthe (Rubiaceae). Journal of Microbiology, 2011, 49, 935-941.	2.8	26
87	Rate accelerations in nuclear 18S rDNA of mycoheterotrophic and parasitic angiosperms. Journal of Plant Research, 2011, 124, 561-576.	2.4	38
88	The need to re-investigate the nature of homoplastic characters: an ontogenetic case study of the 'bracteoles' in Atripliceae (Chenopodiaceae). Annals of Botany, 2011, 108, 847-865.	2.9	19
89	Portrayal of <i>Impatiens nzabiana</i> (Balsaminaceae): a Morphological, Molecular and Biogeographic Study of a New Gabonese Species. Systematic Botany, 2011, 36, 440-448.	0.5	14
90	Unraveling the Phylogeny of Heptacodium and Zabelia (Caprifoliaceae): An Interdisciplinary Approach. Systematic Botany, 2011, 36, 231-252.	0.5	27

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91	Endophytic Bacteria in Toxic South African Plants: Identification, Phylogeny and Possible Involvement in Gousiekte. PLoS ONE, 2011, 6, e19265.	2.5	30
92	Bacterial Leaf Symbiosis in Angiosperms: Host Specificity without Co-Speciation. PLoS ONE, 2011, 6, e24430.	2.5	174
93	Distribution of orbicules in Annonaceae mirrors evolutionary trend in angiosperms. Plant Ecology and Evolution, 2010, 143, 199-211.	0.7	20
94	Implications of a molecular phylogenetic study of the Malagasy genus <i>Cedrelopsis</i> and its relatives (Ptaeroxylaceae). Molecular Phylogenetics and Evolution, 2010, 57, 258-265.	2.7	13
95	Phylogeny of the <i>Linnaea</i> clade: Are <i>Abelia</i> and <i>Zabelia</i> closely related?. Molecular Phylogenetics and Evolution, 2010, 57, 741-752.	2.7	39
96	A new herbaceous genus endemic to Madagascar: <i>Phialiphora</i> (Spermacoceae, Rubiaceae). Taxon, 2010, 59, 1815-1829.	0.7	10
97	Evolution and systematic value of fruit and seed characters in Adoxaceae (Dipsacales). Taxon, 2010, 59, 850-866.	0.7	21
98	<i>Cneorum</i> (Rutaceae) in Cuba? The solution to a 150 year old mystery. Taxon, 2010, 59, 1126-1134.	0.7	4
99	Molecular phylogenetic and morphological study of <i>Kohautia</i> (Spermacoceae, Rubiaceae), with the recognition of the new genus <i>Cordylostigma</i> . Taxon, 2010, 59, 1457-1471.	0.7	10
100	The phylogenetic significance of vestured pits in Boraginaceae. Taxon, 2010, 59, 510-516.	0.7	8
101	Phylogeny of tribe Mentheae (Lamiaceae): The story of molecules and micromorphological characters. Taxon, 2010, 59, 1065-1076.	0.7	31
102	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
103	Fruits and Seeds of the <i>Valeriana</i> Clade (Dipsacales): Diversity and Evolution. International Journal of Plant Sciences, 2010, 171, 421-434.	1.3	16
104	Global Decline of and Threats to <i>Aegagropila linnaei</i> , with Special Reference to the Lake Ball Habit. BioScience, 2010, 60, 187-198.	4.9	25
105	Rediscovery of Malagasy <i>Lathraeocarpa</i> allows determination of its taxonomic position within Rubiaceae. Taxon, 2009, 58, 209-226.	0.7	9
106	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
107	Evolution of fruit and seed characters in the <i>Diervilla</i> and <i>Lonicera</i> clades (Caprifoliaceae). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.9	25
108	Pistillata "Duplications as a Mode for Floral Diversification in (Basal) Asterids. Molecular Biology and Evolution, 2009, 26, 2627-2645.	8.9	38



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109	Woodiness within the Spermaceae–Knoxiaceae alliance (Rubiaceae): retention of the basal woody condition in Rubiaceae or recent innovation?. <i>Annals of Botany</i> , 2009, 103, 1049-1064.	2.9	27
110	Systematic palynology in Ebenaceae with focus on Ebenoideae: Morphological diversity and character evolution. <i>Review of Palaeobotany and Palynology</i> , 2009, 153, 336-353.	1.5	26
111	<i>Impatiens msimwanensis</i> (Balsaminaceae): Description, pollen morphology and phylogenetic position of a new East African species. <i>South African Journal of Botany</i> , 2009, 75, 104-109.	2.5	20
112	Palynological diversity and major evolutionary trends in Cyperaceae. <i>Plant Systematics and Evolution</i> , 2009, 277, 117-142.	0.9	22
113	What is a Genus in Cyperaceae: Phylogeny, Character Homology Assessment and Generic Circumscription in Cyperaceae. <i>Botanical Review</i> , The, 2009, 75, 52-66.	3.9	55
114	Phylogeny of Cyperaceae Based on DNA Sequence Data: Current Progress and Future Prospects. <i>Botanical Review</i> , The, 2009, 75, 2-21.	3.9	169
115	A Floral Ontogenetic Approach to Questions of Homology within the Cyperoideae (Cyperaceae). <i>Botanical Review</i> , The, 2009, 75, 30-51.	3.9	40
116	Phylogenetic significance of leaf micromorphology and anatomy in the tribe Mentheae (Nepetoideae: Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	65
117	Bias and conflict in phylogenetic inference of myco-heterotrophic plants: a case study in Thismiaceae. <i>Cladistics</i> , 2009, 25, 64-77.	3.3	54
118	Rapid radiation of <i>Impatiens</i> (Balsaminaceae) during Pliocene and Pleistocene: Result of a global climate change. <i>Molecular Phylogenetics and Evolution</i> , 2009, 52, 806-824.	2.7	161
119	Micromorphology and Character Evolution of Nutlets in Tribe Mentheae (Nepetoideae, Lamiaceae). <i>Systematic Botany</i> , 2009, 34, 760-776.	0.5	36
120	Phylogeny of <i>Tricalysia</i> (Rubiaceae) and its Relationships with Allied Genera Based on Plastid DNA Data: Resurrection of the Genus <i>Empogona</i> . <i>Annals of the Missouri Botanical Garden</i> , 2009, 96, 194-213.	1.3	36
121	Phylogeny of the Herbaceous Tribe Spermaceae (Rubiaceae) Based on Plastid DNA Data. <i>Annals of the Missouri Botanical Garden</i> , 2009, 96, 109-132.	1.3	74
122	Georeferencing specimens by combining digitized maps with SRTM digital elevation data and satellite images: a Bornean case study. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2009, 54, 162-165.	0.2	2
123	Selection on Length Mutations After Frameshift Can Explain the Origin and Retention of the AP3/DEF-Like Paralogues in <i>Impatiens</i> . <i>Journal of Molecular Evolution</i> , 2008, 66, 424-435.	1.8	20
124	Palynological evolutionary trends within the tribe Mentheae with special emphasis on subtribe Menthinae (Nepetoideae: Lamiaceae). <i>Plant Systematics and Evolution</i> , 2008, 275, 93-108.	0.9	38
125	A comparative ultrastructural study of pit membranes with plasmodesmata associated thickenings in four angiosperm species. <i>Protoplasma</i> , 2008, 233, 255-262.	2.1	5
126	Diversification of myco-heterotrophic angiosperms: evidence from Burmanniaceae. <i>BMC Evolutionary Biology</i> , 2008, 8, 178.	3.2	58



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127	Comparative pollen morphology and ultrastructure of Mentheae subtribe Nepetinae (Lamiaceae). Review of Palaeobotany and Palynology, 2008, 149, 174-186.	1.5	44
128	Floral and Inflorescence Morphology and Ontogeny in <i>Beta vulgaris</i> , with Special Emphasis on the Ovary Position. Annals of Botany, 2008, 102, 643-651.	2.9	21
129	Micromorphology and Systematic Distribution of Pit Membrane Thickenings in Oleaceae: Tori and Pseudo-Tori. IAWA Journal, 2008, 29, 409-424.	2.7	9
130	Wood anatomy of Rauvolfioideae (Apocynaceae): a search for meaningful non-DNA characters at the tribal level. American Journal of Botany, 2008, 95, 1199-1215.	1.7	27
131	A Search for Phylogenetically Informative Pollen Characters in the Subtribe Salviinae (Mentheae: Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.3	45
132	Evolution and Phylogenetic Importance of Endocarp and Seed Characters in <i>Viburnum</i> (Adoxaceae). International Journal of Plant Sciences, 2008, 169, 409-431.	1.3	24
133	<i>Isolepis levynsiana</i> , a New Name for <i>Cyperus tenellus</i> (Cyperaceae). Novon, 2007, 17, 59-59.	0.3	7
134	A search for phylogenetically informative wood characters within Lecythidaceae s.l.. American Journal of Botany, 2007, 94, 483-502.	1.7	22
135	Experimental Design Criteria in Phylogenetics: Where to Add Taxa. Systematic Biology, 2007, 56, 609-622.	5.6	65
136	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
137	Pollen morphology of the tribes Naucleae and Hymenodictyeae (Rubiaceae " Cinchonoideae) and its phylogenetic significance. Botanical Journal of the Linnean Society, 2007, 153, 329-341.	1.6	19
138	The role of wood anatomy in phylogeny reconstruction of Ericales. Cladistics, 2007, 23, 229-294.	3.3	40
139	Phylogeny of Cyperaceae Based on DNA Sequence Data" a New rbcL Analysis. Aliso, 2007, 23, 72-83.	0.2	97
140	The Schoenus Spikelet: a Rhipidium? A Floral Ontogenetic Answer. Aliso, 2007, 23, 204-209.	0.2	12
141	What shapes amino acid and sugar composition in Mediterranean floral nectars?. Oikos, 2006, 115, 155-169.	2.7	149
142	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
143	Petaloidy and petal identity MADS-box genes in the balsaminoid genera <i>Impatiens</i> and <i>Marcgravia</i> . Plant Journal, 2006, 47, 501-518.	5.7	54
144	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

#	ARTICLE	IF	CITATIONS
145	Isolepis tenella, a New Combination in Cyperaceae. Novon, 2006, 16, 89-90.	0.3	9
146	A New Heterophyllous Spermaceo Species (Rubiaceae) from the Marungu Highlands, Democratic Republic of the Congo. Novon, 2006, 16, 231-234.	0.3	11
147	Floral development in three species of <i>Impatiens</i> (Balsaminaceae). American Journal of Botany, 2006, 93, 1-14.	1.7	31
148	Phylogeny and evolution of Burmanniaceae (Dioscoreales) based on nuclear and mitochondrial data. American Journal of Botany, 2006, 93, 1684-1698.	1.7	86
149	Elaborate Petals in Australian Spermaceo (Rubiaceae) Species: Morphology, Ontogeny and Function. Annals of Botany, 2006, 98, 1167-1178.	2.9	17
150	Comparative Pollen Development in Dioscoreales. International Journal of Plant Sciences, 2005, 166, 909-924.	1.3	15
151	Palynological Characters and Their Phylogenetic Signal in Rubiaceae. Botanical Review, The, 2005, 71, 354-414.	3.9	55
152	A histological study of microsporogenesis in <i>Tarenna gracilipes</i> (Rubiaceae). Grana, 2005, 44, 30-44.	0.8	33
153	Palynological Variation in Balsaminoid Ericales. II. Balsaminaceae, Tetrameristaceae, Pellicieraceae and General Conclusions. Annals of Botany, 2005, 96, 1061-1073.	2.9	26
154	Relationships within balsaminoid Ericales: a wood anatomical approach. American Journal of Botany, 2005, 92, 941-953.	1.7	34
155	Palynological Variation in Balsaminoid Ericales. I. Marcgraviaceae. Annals of Botany, 2005, 96, 1047-1060.	2.9	26
156	The manifold characters of orbicules: structural diversity, systematic significance, and vectors for allergens. Grana, 2005, 44, 300-307.	0.8	16
157	<i>Gomphocalyx</i> and <i>Phylohydrax</i> (Rubiaceae): sister taxa excluded from Spermaceo s.s., featuring a remarkable case of convergent evolution. Taxon, 2005, 54, 91-107.	0.7	19
158	Pollen Evolution in Yams ( <i>Dioscorea</i> : Dioscoreaceae). Systematic Botany, 2005, 30, 750-758.	0.5	28
159	A Plastid Gene Phylogeny Of the Yam Genus, <i>Dioscorea</i> : Roots, Fruits and Madagascar. Systematic Botany, 2005, 30, 736-749.	0.5	102
160	Comparative Wood Anatomy of the Primuloid Clade (Ericales s.l.). Systematic Botany, 2005, 30, 163-183.	0.5	20
161	The evolution of aluminium accumulation in angiosperms. , 2004, , 467-479.		6
162	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

#	ARTICLE	IF	CITATIONS
163	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
164	Intervascular pit membranes with a torus in the wood of <i>Ulmus</i> (Ulmaceae) and related genera. New Phytologist, 2004, 163, 51-59.	7.3	61
165	Comparative wood anatomy of Andromedeae s.s., Gaultherieae, Lyonieae and Oxydendreae (Vaccinioideae, Ericaceae s.l.). Botanical Journal of the Linnean Society, 2004, 144, 161-179.	1.6	10
166	Systematic relevance of pollen and orbicule characters in the tribe Hillieae (Rubiaceae). Botanical Journal of the Linnean Society, 2004, 146, 303-321.	1.6	11
167	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
168	A floral ontogenetic study on the sister group relationship between the genus <i>Samolus</i> (Primulaceae) and the Theophrastaceae. American Journal of Botany, 2004, 91, 627-643.	1.7	31
169	A new enzyme-based method for the treatment of fragile pollen grains collected from herbarium material. Taxon, 2004, 53, 777-782.	0.7	25
170	Phylogeny and biogeography of Balsaminaceae inferred from ITS sequences. Taxon, 2004, 53, 391-404.	0.7	133
171	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
172	Pollen morphology of NW European representatives confirms monophyly of Rubieae (Rubiaceae). Review of Palaeobotany and Palynology, 2003, 127, 219-240.	1.5	36
173	Pollen morphology of Dioscorea (Dioscoreaceae) and its relation to systematics. Botanical Journal of the Linnean Society, 2003, 143, 375-390.	1.6	46
174	Vestured Pits: Do They Promote Safer Water Transport?. International Journal of Plant Sciences, 2003, 164, 405-413.	1.3	41
175	Comparative Wood Anatomy of Epacrids (Styphelioideae, Ericaceae s.l.). Annals of Botany, 2003, 91, 835-856.	2.9	28
176	A Comparative Study of Metal Levels in Leaves of Some Al-accumulating Rubiaceae. Annals of Botany, 2003, 91, 657-663.	2.9	57
177	Morphological and Ultrastructural Diversity of Orbicules in Gentianaceae. Annals of Botany, 2003, 92, 657-672.	2.9	21
178	CARNOY: A new digital measurement tool for palynology. Grana, 2002, 41, 124-126.	0.8	77
179	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
180	Systematic importance of orbicule diversity in Gentianales. Grana, 2002, 41, 158-182.	0.8	20

#	ARTICLE	IF	CITATIONS
181	Morphological and Ultrastructural Diversity of Orbicules in Relation to Evolutionary Tendencies in Apocynaceae s.l.. <i>Annals of Botany</i> , 2002, 90, 647-662.	2.9	28
182	A SURVEY OF THE SYSTEMATIC WOOD ANATOMY OF THE RUBIACEAE. <i>IAWA Journal</i> , 2002, 23, 1-67.	2.7	35
183	Pollen of African Spermaceae species (Rubiaceae) Morphology and evolutionary aspects. <i>Grana</i> , 2002, 41, 69-89.	0.8	40
184	The Uncertain Systematic Position of <i>Symplocos</i> (Symplocaceae): Evidence from a Floral Ontogenetic Study. <i>International Journal of Plant Sciences</i> , 2002, 163, 67-74.	1.3	25
185	Morphology, ultrastructure and typology of orbicules in Loganiaceae s.l. and related genera, in relation to systematics. <i>Review of Palaeobotany and Palynology</i> , 2002, 119, 161-189.	1.5	18
186	Floral anatomy and systematics of <i>Bretschneidera</i> (Bretschneideraceae). <i>Botanical Journal of the Linnean Society</i> , 2002, 139, 29-45.	1.6	22
187	Aluminum Hyperaccumulation in Angiosperms: A Review of Its Phylogenetic Significance. <i>Botanical Review</i> , The, 2002, 68, 235-269.	3.9	222
188	Late Holocene local vegetation dynamics in the marsh of Gravgaz (southwest Turkey). <i>Journal of Paleolimnology</i> , 2002, 27, 429-451.	1.6	23
189	Floral Developmental Evidence for the Systematic Relationships of <i>Tropaeolum</i> (Tropaeolaceae). <i>Annals of Botany</i> , 2001, 88, 879-892.	2.9	24
190	Vestured pits: their occurrence and systematic importance in eudicots. <i>Taxon</i> , 2001, 50, 135-167.	0.7	53
191	A survey of the presence and morphology of orbicules in European allergenic angiosperms. Background information for allergen research. <i>Canadian Journal of Botany</i> , 2001, 79, 757-766.	1.1	8
192	Patterns in pyrenes: the systematic significance of pyrene morphology in <i>Chassalia</i> (Rubiaceae-Psychotriaceae) and related genera. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2001, 196, 121-131.	1.2	10
193	Pollen development of <i>Rondeletia odorata</i> (Rubiaceae). <i>American Journal of Botany</i> , 2001, 88, 14-30.	1.7	27
194	Contributions to the Wood Anatomy of the Rubioideae (Rubiaceae). <i>Journal of Plant Research</i> , 2001, 114, 269-289.	2.4	15
195	Floral Ontogenetic Evidence in Support of the <i>Willdenowia</i> Clade of South African Restionaceae. <i>Journal of Plant Research</i> , 2001, 114, 329-342.	2.4	14
196	Staminodes: Their morphological and evolutionary significance. <i>Botanical Review</i> , The, 2001, 67, 351-402.	3.9	68
197	Morphology, anatomy, and taxonomic position of <i>Pagameopsis</i> (Rubiaceae-Rubioideae). <i>Brittonia</i> , 2001, 53, 490-504.	0.2	11
198	The potential role of orbicules as a vector of allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2001, 56, 1129-1136.	5.7	40

#	ARTICLE	IF	CITATIONS
199	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
200	A survey of the presence and morphology of orbicules in European allergenic angiosperms. Background information for allergen research. Canadian Journal of Botany, 2001, 79, 757-766.	1.1	7
201	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	0
202	Floral ontogeny and anatomy in Koeleria with special emphasis on monosymmetry and septal cavities. Plant Systematics and Evolution, 2000, 223, 91-107.	0.9	43
203	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
204	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
205	Pollen morphological survey of Pentas (Rubiaceae) and its closest allies. Review of Palaeobotany and Palynology, 2000, 112, 189-205.	1.5	16
206	Morphology and ultrastructure of orbicules in the subfamily Ixoroideae (Rubiaceae). Review of Palaeobotany and Palynology, 2000, 108, 151-174.	1.5	36
207	Aluminium Accumulation in Leaves of Rubiaceae: Systematic and Phylogenetic Implications. Annals of Botany, 2000, 85, 91-101.	2.9	46
208	A comparison between modern pollen spectra of moss cushions and Cundill pollen traps. Grana, 2000, 39, 146-158.	0.8	23
209	WOOD ANATOMY OF THE VANGUERIEAE (IXOROIDEAE RUBIACEAE), WITH SPECIAL EMPHASIS ON SOME GEOFRUITICES. IAWA Journal, 2000, 21, 443-455.	2.7	9
210	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
211	The questionable relationship of Montinia (Montiniaceae): evidence from a floral ontogenetic and anatomical study. American Journal of Botany, 2000, 87, 1408-1424.	1.7	15
212	Pollen morphological variation in Vanguerieae (Ixoroideae Rubiaceae). Grana, 2000, 39, 90-102.	0.8	10
213	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
214	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
215	Floral Development of Galopina tomentosa with a Discussion of Sympetaly and Placentation in the Rubiaceae. Systematics and Geography of Plants, 2000, 70, 155.	0.1	18
216	Vestured pits in Malvales s.l.: a character with taxonomic significance hidden in the secondary xylem. Taxon, 2000, 49, 169-182.	0.7	19

#	ARTICLE	IF	CITATIONS
217	Searching for the taxonomic position of the African genus <i>Colletocema</i> (Rubiaceae): morphology and anatomy compared to an rps16-intron analysis of the Rubioideae. Canadian Journal of Botany, 2000, 78, 288-304.	1.1	19
218	Searching for the taxonomic position of the African genus <i>Colletocema</i> (Rubiaceae): morphology and anatomy compared to an rps16-intron analysis of the Rubioideae. Canadian Journal of Botany, 2000, 78, 288-304.	1.1	26
219	Tribal Relationships in Caprifoliaceae: Evidence from a Cladistic Analysis Using ndhF Sequences. Systematics and Geography of Plants, 1999, 69, 145.	0.1	41
220	Chassalia subcordatifolia, a New Combination in African Rubiaceae (Rubioideae, Psychotriaceae). Systematics and Geography of Plants, 1999, 69, 189.	0.1	5
221	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
222	Pollen morphological support for the Catesbaeeae-Chiococceae-Exostema-complex (Rubiaceae). Grana, 1999, 38, 325-338.	0.8	30
223	Data Decisiveness, Missing Entries, and the DD Index. Cladistics, 1999, 15, 25-37.	3.3	2
224	Man and environment in the territory of Sagalassos, a classical city in SW Turkey. Quaternary Science Reviews, 1999, 18, 697-709.	3.0	74
225	The floral development and anatomy of <i>Carica papaya</i> (Caricaceae). Canadian Journal of Botany, 1999, 77, 582-598.	1.1	18
226	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
227	Chassalia petitiana (Rubiaceae-Psychotriaceae), an Overlooked Epiphytic Species Hidden in the African Canopy. Systematic Botany, 1999, 24, 315.	0.5	11
228	The floral development of Pleuropetalum darwinii, an anomalous member of the Amaranthaceae. Flora: Morphology, Distribution, Functional Ecology of Plants, 1999, 194, 189-199.	1.2	9
229	A collapsed tribe revisited: pollen morphology of the Isertieae (Cinchonoideae "Rubiaceae). Review of Palaeobotany and Palynology, 1998, 104, 85-113.	1.5	21
230	Pseudodiplostemony, and its implications for the evolution of the androecium in the Caryophyllaceae. Journal of Plant Research, 1998, 111, 25-43.	2.4	40
231	Orbicules in angiosperms: Morphology, function, distribution, and relation with tapetum types. Botanical Review, The, 1998, 64, 240-272.	3.9	146
232	Theligonum cynocrambe: Developmental morphology of a peculiar rubiaceous herb. Plant Systematics and Evolution, 1998, 210, 1-24.	0.9	34
233	Vestures in Woody Plants: A Review. IAWA Journal, 1998, 19, 347-382.	2.7	36
234	Vestured Pits in Some Woody Gentianaceae. IAWA Journal, 1998, 19, 35-42.	2.7	4

#	ARTICLE	IF	CITATIONS
235	Dialypetalanthus Fuscescens Kuhl. (Dialypetalanthaceae): The Problematic Taxonomic Position of an Amazonian Endemic. <i>Annals of the Missouri Botanical Garden</i> , 1997, 84, 201.	1.3	15
236	Wood Anatomy of the Predominantly African Representatives of the Tribe Psychotrieae (Rubiaceae-Rubioideae). <i>IAWA Journal</i> , 1997, 18, 169-196.	2.7	11
237	Systematic value of tapetal orbicules: a preliminary survey of the Cinchonoideae (Rubiaceae). <i>Canadian Journal of Botany</i> , 1997, 75, 815-826.	1.1	42
238	Pollen morphology of Coffea and Psilanthus (Rubiaceae-Coffeae), mainly from Africa. <i>Grana</i> , 1997, 36, 313-327.	0.8	14
239	Adapted to the rain forest floor: a remarkable new dwarf Coffea (Rubiaceae) from Lower Guinea (tropical Africa). <i>Taxon</i> , 1997, 46, 37-47.	0.7	11
240	The systematic value of endexine ornamentation in some Psychotrieae pollen (Rubiaceae-Rubioideae). <i>Grana</i> , 1996, 35, 129-137.	0.8	18
241	A Floral Ontogenetic Study in the Dipsacales. <i>International Journal of Plant Sciences</i> , 1996, 157, 203-218.	1.3	26
242	Floral ontogeny of five species of Talinum and of related taxa (Portulacaceae). <i>Journal of Plant Research</i> , 1996, 109, 387-402.	2.4	20
243	Change in floral nectar components from fresh to senescent flowers of Capparis spinosa (Capparidaceae), a nocturnally flowering Mediterranean shrub. <i>Plant Systematics and Evolution</i> , 1996, 199, 79-92.	0.9	60
244	Does temperature stress induce nectar secretion in Mediterranean plants?. <i>New Phytologist</i> , 1996, 133, 513-518.	7.3	77
245	Phylogeny of Temperate Gentianaceae: A Morphological Approach. <i>Systematic Botany</i> , 1996, 21, 153.	0.5	19
246	The potential of marginal lands for bees and apiculture: nectar secretion in Mediterranean shrublands. <i>Apidologie</i> , 1995, 26, 39-52.	2.0	52
247	The distribution and systematic relevance of the androecial character oligomery. <i>Botanical Journal of the Linnean Society</i> , 1995, 118, 193-247.	1.6	24
248	DÃ©doublement revisited: towards a renewed interpretation of the androecium of the Magnoliophytina. <i>Botanical Journal of the Linnean Society</i> , 1993, 113, 103-124.	1.6	40
249	The distribution and systematic relevance of the androecial character polymery. <i>Botanical Journal of the Linnean Society</i> , 1993, 113, 285-350.	1.6	5
250	DÃ©doublement revisited: towards a renewed interpretation of the androecium of the Magnoliophytina. <i>Botanical Journal of the Linnean Society</i> , 1993, 113, 103-124.	1.6	2
251	Complex polyandry in the Magnoliatae: definition, distribution and systematic value. <i>Nordic Journal of Botany</i> , 1992, 12, 621-649.	0.5	75
252	The Floral Nectaries of Polygonum s.l. and related genera (Persicarieae and Polygoneae) : Position, Morphological Nature and Semophylesis. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 1991, 185, 165-185.	1.2	32



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253	The impact of receptacular growth on polyandry in the Myrtales. Botanical Journal of the Linnean Society, 1991, 105, 257-269.	1.6	35
254	The floral development of <i>Popowia whitei</i> (Annonaceae). Nordic Journal of Botany, 1990, 10, 411-420.	0.5	34
255	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
256	<i>Amphistemon</i> and <i>Thamnoldenlandia</i> , two new genera of Rubiaceae (Spermacoaceae) endemic to Madagascar. Botanical Journal of the Linnean Society, 0, 163, 447-472.	1.6	15