Michael D Pirie

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7373792/publications.pdf

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49	2,200	218592	233338
papers	citations	26 h-index	45 g-index

58	58	58	2297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Historical biogeography of two cosmopolitan families of flowering plants: Annonaceae and Rhamnaceae. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 1495-1508.	1.8	249
2	A new subfamilial and tribal classification of the pantropical flowering plant family Annonaceae informed by molecular phylogenetics. Botanical Journal of the Linnean Society, 2012, 169, 5-40.	0.8	222
3	Early evolutionary history of the flowering plant family Annonaceae: steady diversification and boreotropical geodispersal. Journal of Biogeography, 2011, 38, 664-680.	1.4	184
4	'Andean-centred' genera in the short-branch clade of Annonaceae: testing biogeographical hypotheses using phylogeny reconstruction and molecular dating. Journal of Biogeography, 2006, 33, 31-46.	1.4	123
5	A broader model for C ₄ photosynthesis evolution in plants inferred from the goosefoot family (Chenopodiaceae s.s.). Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3304-3311.	1.2	96
6	Do pollinator distributions underlie the evolution of pollination ecotypes in the Cape shrub Erica plukenetii?. Annals of Botany, 2014, 113, 301-316.	1.4	83
7	Dating clades with fossils and molecules: the case of Annonaceae. Botanical Journal of the Linnean Society, 2012, 169, 84-116.	0.8	74
8	Identifying clades in Asian Annonaceae: monophyletic genera in the polyphyletic Miliuseae. American Journal of Botany, 2004, 91, 590-600.	0.8	73
9	Reticulation, Data Combination, and Inferring Evolutionary History: An Example from Danthonioideae (Poaceae). Systematic Biology, 2009, 58, 612-628.	2.7	66
10	A novel supermatrix approach improves resolution of phylogenetic relationships in a comprehensive sample of danthonioid grasses. Molecular Phylogenetics and Evolution, 2008, 48, 1106-1119.	1.2	64
11	The Recent Recombinant Evolution of a Major Crop Pathogen, Potato virus Y. PLoS ONE, 2012, 7, e50631.	1.1	54
12	A Generic Classification of the Danthonioideae (Poaceae)¹. Annals of the Missouri Botanical Garden, 2010, 97, 306-364.	1.3	53
13	The biodiversity hotspot as evolutionary hot-bed: spectacular radiation of Erica in the Cape Floristic Region. BMC Evolutionary Biology, 2016, 16, 190.	3.2	50
14	Targeted NGS for species level phylogenomics: â€œmade to measureâ€•or â€œone size fits allâ€?. PeerJ, 2017, 5, e3569.	0.9	47
15	Ancient paralogy in the cpDNA trnLâ€Fâ€‹ region in Annonaceae: implications for plant molecular systematics. American Journal of Botany, 2007, 94, 1003-1016.	0.8	46
16	A densely sampled ITS phylogeny of the Cape flagship genus Erica L. suggests numerous shifts in floral macro-morphology. Molecular Phylogenetics and Evolution, 2011, 61, 593-601.	1.2	46
17	What determines biogeographical ranges? Historical wanderings and ecological constraints in the danthonioid grasses. Journal of Biogeography, 2013, 40, 821-834.	1.4	43
18	Diversification in evolutionary arenasâ€”Assessment and synthesis. Ecology and Evolution, 2020, 10, 6163-6182.	0.8	43

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19	The Migration of the Palaeotropical Arid Flora: Zygophylloideae as an Example. Systematic Botany, 2012, 37, 951-959.	0.2	41
20	Phylogenies from concatenated data: Is the end nigh?. Taxon, 2015, 64, 421-423.	0.4	41
21	Back to Gondwanaland: can ancient vicariance explain (some) Indian Ocean disjunct plant distributions?. Biology Letters, 2015, 11, 20150086.	1.0	39
22	A rapid and inexpensive method for the direct PCR amplification of DNA from plants. American Journal of Botany, 2010, 97, e65-8.	0.8	38
23	Model uncertainty in ancestral area reconstruction: A parsimonious solution?. Taxon, 2012, 61, 652-664.	0.4	35
24	The evolution of dwarf shrubs in alpine environments: a case study ofAlchemillain Africa. Annals of Botany, 2016, 117, 121-131.	1.4	33
25	Revision and Biogeography of Centrolobium (Leguminosae - Papilionoideae). Systematic Botany, 2009, 34, 345-359.	0.2	30
26	Phylogenomic Analysis Reveals Deep Divergence and Recombination in an Economically Important Grapevine Virus. PLoS ONE, 2015, 10, e0126819.	1.1	30
27	Evolution of leaf anatomy in arid environments â€“ A case study in southern African Tetraena and Roepera (Zygophyllaceae). Molecular Phylogenetics and Evolution, 2016, 97, 129-144.	1.2	28
28	ECOLOGY AND EVOLUTION OF THE DIASPORE â€œBURIAL SYNDROMEâ€• Evolution; International Journal of Organic Evolution, 2011, 65, 1163-1180.	1.1	27
29	When do different C4 leaf anatomies indicate independent C4 origins? Parallel evolution of C4 leaf types in Camphorosmeae (Chenopodiaceae). Journal of Experimental Botany, 2014, 65, 3499-3511.	2.4	26
30	Testing reticulate versus coalescent origins of Erica lusitanica using a species phylogeny of the northern heathers (Ericeae, Ericaceae). Molecular Phylogenetics and Evolution, 2015, 88, 121-131.	1.2	24
31	Diversification of Chionochloa (Poaceae) and biogeography of the New Zealand Southern Alps. Journal of Biogeography, 2010, 37, 379-392.	1.4	22
32	An approach to identify putative hybrids in the â€˜coalescent stochasticity zoneâ€™, as exemplified in the <scp>A</scp>frican plant genus <scp>S</scp>treptocarpus (<scp>G</scp>esneriaceae). New Phytologist, 2013, 198, 284-300.	3.5	21
33	Which changes are needed to render all genera of the German flora monophyletic?. Willdenowia, 2016, 46, 39-91.	0.5	19
34	Chromosomeâ€level reference genome of the soursop (Annonamuricata): A new resource for Magnoliid research and tropical pomology. Molecular Ecology Resources, 2021, 21, 1608-1619.	2.2	18
35	History and evolution of the afroalpine flora: in the footsteps of Olov Hedberg. Alpine Botany, 2022, 132, 65-87.	1.1	16
36	Parallel diversifications of Cremastosperma and Mosannona (Annonaceae), tropical rainforest trees tracking Neogene upheaval of South America. Royal Society Open Science, 2018, 5, 171561.	1.1	15

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37	The enigmatic tropical alpine flora on the African sky islands is young, disturbed, and unsaturated. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	11
38	A plastid tree can bring order to the chaotic generic taxonomy of Rytidosperma Steud. s.l. (Poaceae). Molecular Phylogenetics and Evolution, 2010, 55, 911-928.	1.2	10
39	Leaps and bounds: geographical and ecological distance constrained the colonisation of the Afrotemperate by Erica. BMC Evolutionary Biology, 2019, 19, 222.	3.2	9
40	Underestimated regional species diversity in the Cape Floristic Region revealed by phylogenetic analysis of the Erica abietina/E. viscaria clade (Ericaceae). Botanical Journal of the Linnean Society, 2017, 184, 185-203.	0.8	8
41	Floral Color, Anthocyanin Synthesis Gene Expression and Control in Cape Erica Species. Frontiers in Plant Science, 2019, 10, 1565.	1.7	7
42	Three New Rarely Collected or Endangered Species of Annonaceae from Venezuela. Blumea: Journal of Plant Taxonomy and Plant Geography, 2005, 50, 33-40.	0.1	6
43	An approach to determining anthocyanin synthesis enzyme gene expression in an evolutionary context: an example from Erica plukenetii. Annals of Botany, 2019, 124, 121-130.	1.4	6
44	Preventing species extinctions: A global conservation consortium for Erica. Plants People Planet, 2022, 4, 335-344.	1.6	4
45	New Species of Cremastosperma (Annonaceae) from Colombia, Ecuador, and Panama. Blumea: Journal of Plant Taxonomy and Plant Geography, 2005, 50, 41-60.	0.1	3
46	A taxonomic revision of the Neotropical genus Cremastosperma (Annonaceae), including five new species. PhytoKeys, 2018, 112, 1-141.	0.4	3
47	Where have all the heathers gone?. Sibbaldia the International Journal of Botanic Garden Horticulture, 2021, , .	0.1	2
48	Annonaceae substitution rates: a codon model perspective. Revista Brasileira De Fruticultura, 2014, 36, 108-117.	0.2	1
49	Remarkable insights into processes shaping African tropical tree diversity. Peer Community in Evolutionary Biology, 0, , 100094.	0.0	1