

Michael D Pirie

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,200
citations

218592

26
h-index

233338

45
g-index

58
all docs

58
docs citations

58
times ranked

2297
citing authors

#	ARTICLE	IF	CITATIONS
1	History and evolution of the afroalpine flora: in the footsteps of Olov Hedberg. <i>Alpine Botany</i> , 2022, 132, 65-87.	1.1	16
2	Preventing species extinctions: A global conservation consortium for <i>Erica</i> . <i>Plants People Planet</i> , 2022, 4, 335-344.	1.6	4
3	The enigmatic tropical alpine flora on the African sky islands is young, disturbed, and unsaturated. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	11
4	Chromosome-level reference genome of the soursop (<i>Annona muricata</i>): A new resource for Magnoliid research and tropical pomology. <i>Molecular Ecology Resources</i> , 2021, 21, 1608-1619.	2.2	18
5	Where have all the heathers gone?. <i>Sibbaldia the International Journal of Botanic Garden Horticulture</i> , 2021, , .	0.1	2
6	Diversification in evolutionary arenas—Assessment and synthesis. <i>Ecology and Evolution</i> , 2020, 10, 6163-6182.	0.8	43
7	An approach to determining anthocyanin synthesis enzyme gene expression in an evolutionary context: an example from <i>Erica plukenetii</i> . <i>Annals of Botany</i> , 2019, 124, 121-130.	1.4	6
8	Floral Color, Anthocyanin Synthesis Gene Expression and Control in Cape Erica Species. <i>Frontiers in Plant Science</i> , 2019, 10, 1565.	1.7	7
9	Leaps and bounds: geographical and ecological distance constrained the colonisation of the Afrotropics by <i>Erica</i> . <i>BMC Evolutionary Biology</i> , 2019, 19, 222.	3.2	9
10	Parallel diversifications of <i>Crematosperma</i> and <i>Mosannonna</i> (Annonaceae), tropical rainforest trees tracking Neogene upheaval of South America. <i>Royal Society Open Science</i> , 2018, 5, 171561.	1.1	15
11	A taxonomic revision of the Neotropical genus <i>Crematosperma</i> (Annonaceae), including five new species. <i>PhytoKeys</i> , 2018, 112, 1-141.	0.4	3
12	Underestimated regional species diversity in the Cape Floristic Region revealed by phylogenetic analysis of the <i>Erica abietina</i> / <i>E. viscaria</i> clade (Ericaceae). <i>Botanical Journal of the Linnean Society</i> , 2017, 184, 185-203.	0.8	8
13	Targeted NGS for species level phylogenomics: “made to measure” or “one size fits all”? <i>PeerJ</i> , 2017, 5, e3569.	0.9	47
14	The biodiversity hotspot as evolutionary hot-bed: spectacular radiation of <i>Erica</i> in the Cape Floristic Region. <i>BMC Evolutionary Biology</i> , 2016, 16, 190.	3.2	50
15	Which changes are needed to render all genera of the German flora monophyletic?. <i>Willdenowia</i> , 2016, 46, 39-91.	0.5	19
16	The evolution of dwarf shrubs in alpine environments: a case study of <i>Alchemilla</i> in Africa. <i>Annals of Botany</i> , 2016, 117, 121-131.	1.4	33
17	Evolution of leaf anatomy in arid environments “ A case study in southern African <i>Tetraena</i> and <i>Roepera</i> (Zygophyllaceae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 97, 129-144.	1.2	28
18	Phylogenomic Analysis Reveals Deep Divergence and Recombination in an Economically Important Grapevine Virus. <i>PLoS ONE</i> , 2015, 10, e0126819.	1.1	30

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19	Phylogenies from concatenated data: Is the end nigh?. <i>Taxon</i> , 2015, 64, 421-423.	0.4	41
20	Back to Gondwanaland: can ancient vicariance explain (some) Indian Ocean disjunct plant distributions?. <i>Biology Letters</i> , 2015, 11, 20150086.	1.0	39
21	Testing reticulate versus coalescent origins of <i>Erica lusitanica</i> using a species phylogeny of the northern heathers (Ericaceae, Ericaceae). <i>Molecular Phylogenetics and Evolution</i> , 2015, 88, 121-131.	1.2	24
22	When do different C4 leaf anatomies indicate independent C4 origins? Parallel evolution of C4 leaf types in <i>Camphorosmeae</i> (Chenopodiaceae). <i>Journal of Experimental Botany</i> , 2014, 65, 3499-3511.	2.4	26
23	Do pollinator distributions underlie the evolution of pollination ecotypes in the Cape shrub <i>Erica plukenetii</i> ?. <i>Annals of Botany</i> , 2014, 113, 301-316.	1.4	83
24	Annonaceae substitution rates: a codon model perspective. <i>Revista Brasileira De Fruticultura</i> , 2014, 36, 108-117.	0.2	1
25	What determines biogeographical ranges? Historical wanderings and ecological constraints in the danthonioid grasses. <i>Journal of Biogeography</i> , 2013, 40, 821-834.	1.4	43
26	An approach to identify putative hybrids in the "coalescent stochasticity zone"™, as exemplified in the African plant genus <i>Sarcocolla</i> (<i>Sarcocolla</i>) (<i>Gesneriaceae</i>). <i>New Phytologist</i> , 2013, 198, 284-300.	3.5	21
27	A broader model for C ₄ photosynthesis evolution in plants inferred from the goosefoot family (Chenopodiaceae s.s.). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3304-3311.	1.2	96
28	The Migration of the Palaeotropical Arid Flora: <i>Zygophylloideae</i> as an Example. <i>Systematic Botany</i> , 2012, 37, 951-959.	0.2	41
29	Model uncertainty in ancestral area reconstruction: A parsimonious solution?. <i>Taxon</i> , 2012, 61, 652-664.	0.4	35
30	Dating clades with fossils and molecules: the case of Annonaceae. <i>Botanical Journal of the Linnean Society</i> , 2012, 169, 84-116.	0.8	74
31	A new subfamilial and tribal classification of the pantropical flowering plant family Annonaceae informed by molecular phylogenetics. <i>Botanical Journal of the Linnean Society</i> , 2012, 169, 5-40.	0.8	222
32	The Recent Recombinant Evolution of a Major Crop Pathogen, Potato virus Y. <i>PLoS ONE</i> , 2012, 7, e50631.	1.1	54
33	A densely sampled ITS phylogeny of the Cape flagship genus <i>Erica</i> L. suggests numerous shifts in floral macro-morphology. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 593-601.	1.2	46
34	Early evolutionary history of the flowering plant family Annonaceae: steady diversification and boreotropical geodispersal. <i>Journal of Biogeography</i> , 2011, 38, 664-680.	1.4	184
35	ECOLOGY AND EVOLUTION OF THE DIASPORE "BURIAL SYNDROME". <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1163-1180.	1.1	27
36	A plastid tree can bring order to the chaotic generic taxonomy of <i>Rytidosperma</i> Steud. s.l. (Poaceae). <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 911-928.	1.2	10

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37	Diversification of <i>Chionochloa</i> (Poaceae) and biogeography of the New Zealand Southern Alps. <i>Journal of Biogeography</i> , 2010, 37, 379-392.	1.4	22
38	A rapid and inexpensive method for the direct PCR amplification of DNA from plants. <i>American Journal of Botany</i> , 2010, 97, e65-8.	0.8	38
39	A Generic Classification of the Danthonioideae (Poaceae) ¹ . <i>Annals of the Missouri Botanical Garden</i> , 2010, 97, 306-364.	1.3	53
40	Reticulation, Data Combination, and Inferring Evolutionary History: An Example from Danthonioideae (Poaceae). <i>Systematic Biology</i> , 2009, 58, 612-628.	2.7	66
41	Revision and Biogeography of <i>Centrolobium</i> (Leguminosae - Papilionoideae). <i>Systematic Botany</i> , 2009, 34, 345-359.	0.2	30
42	A novel supermatrix approach improves resolution of phylogenetic relationships in a comprehensive sample of danthonioid grasses. <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 1106-1119.	1.2	64
43	Ancient paralogy in the cpDNA <i>trnL</i> region in Annonaceae: implications for plant molecular systematics. <i>American Journal of Botany</i> , 2007, 94, 1003-1016.	0.8	46
44	'Andean-centred' genera in the short-branch clade of Annonaceae: testing biogeographical hypotheses using phylogeny reconstruction and molecular dating. <i>Journal of Biogeography</i> , 2006, 33, 31-46.	1.4	123
45	Three New Rarely Collected or Endangered Species of Annonaceae from Venezuela. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2005, 50, 33-40.	0.1	6
46	New Species of <i>Crematosperma</i> (Annonaceae) from Colombia, Ecuador, and Panama. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2005, 50, 41-60.	0.1	3
47	Identifying clades in Asian Annonaceae: monophyletic genera in the polyphyletic Miliuseae. <i>American Journal of Botany</i> , 2004, 91, 590-600.	0.8	73
48	Historical biogeography of two cosmopolitan families of flowering plants: Annonaceae and Rhamnaceae. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 1495-1508.	1.8	249
49	Remarkable insights into processes shaping African tropical tree diversity. <i>Peer Community in Evolutionary Biology</i> , 0, , 100094.	0.0	1