

Michael J Bayly

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,380
citations

361413

20
h-index

361022

35
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63
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docs citations

63
times ranked

1551
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing the Impact of Calibration on Molecular Divergence Times Using a Fossil-Rich Group: The Case of Nothofagus (Fagales). <i>Systematic Biology</i> , 2012, 61, 289-313.	5.6	351
2	Classification, Origin, and Diversification of the New Zealand Hebes (Scrophulariaceae). <i>Annals of the Missouri Botanical Garden</i> , 2002, 89, 38.	1.3	96
3	Chloroplast genome analysis of Australian eucalypts of Eucalyptus, Corymbia, Angophora, Allosyncarpia and Stockwellia (Myrtaceae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 704-716.	2.7	82
4	Chloroplast variation is incongruent with classification of the Australian bloodwood eucalypts (genus Corymbia, family Myrtaceae). <i>PLoS ONE</i> , 2018, 13, e0195034.	2.5	46
5	Molecular phylogenetic analysis of Dendrobium (Orchidaceae), with emphasis on the Australian section Dendrocoryne, and implications for generic classification. <i>Australian Systematic Botany</i> , 2008, 21, 1.	0.9	43
6	Shared phylogeographic patterns and widespread chloroplast haplotype sharing in Eucalyptus species with different ecological tolerances. <i>Tree Genetics and Genomes</i> , 2014, 10, 1079-1092.	1.6	42
7	Divergent paralogues of ribosomal DNA in eucalypts (Myrtaceae). <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 346-356.	2.7	40
8	Molecular phylogenetics and generic taxonomy of Blechnaceae ferns. <i>Taxon</i> , 2014, 63, 745-758.	0.7	40
9	Phylogeny, major clades and infrageneric classification of Corymbia (Myrtaceae), based on nuclear ribosomal DNA and morphology. <i>Australian Systematic Botany</i> , 2009, 22, 384.	0.9	39
10	Major Clades of Australasian Rutoideae (Rutaceae) Based on rbcL and atpB Sequences. <i>PLoS ONE</i> , 2013, 8, e72493.	2.5	39
11	Phylogeographic patterns in the Australasian genus Chionohebe (Veronica s.l., Plantaginaceae) based on AFLP and chloroplast DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 319-338.	2.7	38
12	Phylogeny of the fern family Aspleniaceae in Australasia and the south-western Pacific. <i>Australian Systematic Botany</i> , 2014, 27, 355.	0.9	37
13	A new subfamily classification of the Citrus family (Rutaceae) based on six nuclear and plastid markers. <i>Taxon</i> , 2021, 70, 1035-1061.	0.7	35
14	Ribosomal DNA pseudogenes are widespread in the eucalypt group (Myrtaceae): implications for phylogenetic analysis. <i>Cladistics</i> , 2008, 24, 131-146.	3.3	30
15	Chloroplast DNA diversity associated with protected slopes and valleys for hybridizing Eucalyptus species on isolated ranges in south-eastern Australia. <i>Journal of Biogeography</i> , 2013, 40, 155-167.	3.0	29
16	The Roles of Ecological and Evolutionary Processes in Plant Community Assembly: The Environment, Hybridization, and Introgression Influence Co-occurrence of Eucalyptus. <i>American Naturalist</i> , 2015, 185, 784-796.	2.1	28
17	Molecular phylogenetics and molecular dating of the New Zealand Gleicheniaceae. <i>Brittonia</i> , 2007, 59, 129-141.	0.2	25
18	Searching for Ancestral Areas and Artifactual Centers of Origin in Biogeography: with Comment on East-West Patterns Across Southern Australia. <i>Systematic Biology</i> , 2012, 61, 703-708.	5.6	23

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19	Tasmanian and Victorian populations of the fern <i>Asplenium hookerianum</i> result from independent dispersals from New Zealand. <i>Australian Systematic Botany</i> , 2010, 23, 387.	0.9	22
20	Phylogenetic studies of eucalypts: fossils, morphology and genomes. <i>Proceedings of the Royal Society of Victoria</i> , 2016, 128, 12.	0.4	21
21	Flavonoid characters contributing to the taxonomic revision of the <i>Hebe parviflora</i> complex. <i>Phytochemistry</i> , 2001, 56, 453-461.	2.9	18
22	Incongruent patterns of nuclear and chloroplast variation in <i>Correa</i> (Rutaceae): introgression and biogeography in south-eastern Australia. <i>Plant Systematics and Evolution</i> , 2016, 302, 447-468.	0.9	17
23	Transfer of the New Caledonian genus <i>Boronella</i> to <i>Boronia</i> (Rutaceae) based on analyses of cpDNA and nrDNA. <i>Australian Systematic Botany</i> , 2015, 28, 111.	0.9	16
24	A chloroplast phylogeny of <i>Zieria</i> (Rutaceae) in Australia and New Caledonia shows widespread incongruence with species-level taxonomy. <i>Australian Systematic Botany</i> , 2014, 27, 427.	0.9	14
25	A taxonomic revision of the <i>Hebe parviflora</i> complex (Scrophulariaceae), based on morphology and flavonoid chemistry. <i>New Zealand Journal of Botany</i> , 2000, 38, 165-190.	1.1	13
26	Navigating through chemical space and evolutionary time across the Australian continent in plant genus <i>Eremophila</i> . <i>Plant Journal</i> , 2021, 108, 555-578.	5.7	13
27	Plastid phylogenomic analysis of tribe Myoporeae (Scrophulariaceae). <i>Plant Systematics and Evolution</i> , 2020, 306, 1.	0.9	12
28	Description and flavonoid chemistry of <i>Hebe calcicola</i> (Scrophulariaceae), a new species from north-west Nelson, New Zealand. <i>New Zealand Journal of Botany</i> , 2001, 39, 55-67.	1.1	11
29	Phylogeny of the holly grevilleas (Proteaceae) based on nuclear ribosomal and chloroplast DNA. <i>Australian Systematic Botany</i> , 2014, 27, 56.	0.9	11
30	Reinstatement of <i>Eriostemon banksii</i> (Rutaceae), with a Report on the Composition of Leaf Essential Oils in <i>E. banksii</i> and <i>E. australasius</i> s. str.. <i>Australian Systematic Botany</i> , 1998, 11, 13.	0.9	10
31	Divergent lineages in two species of <i>Dendrobium</i> orchids (<i>D. speciosum</i> and <i>D. tetragonum</i>) correspond to major geographical breaks in eastern Australia. <i>Journal of Biogeography</i> , 2013, 40, 2071-2081.	3.0	10
32	Phylogeography, classification and conservation of pink <i>Zieria</i> (<i>Zieria veronicea</i> ; Rutaceae): influence of changes in climate, geology and sea level in south-eastern Australia. <i>Plant Systematics and Evolution</i> , 2019, 305, 503-520.	0.9	9
33	6-Hydroxyluteolin-7-O- β -D-[2-O- β -D-xylosylxyloside]: a novel flavone xyloxyloside from <i>Hebe stenophylla</i> . <i>Phytochemistry</i> , 1999, 52, 1165-1167.	2.9	8
34	Phylogeny, classification and biogeography of <i>Halfordia</i> (Rutaceae) in Australia and New Caledonia. <i>Plant Systematics and Evolution</i> , 2016, 302, 1457-1470.	0.9	8
35	Phylogenetic analysis of <i>Zieria</i> (Rutaceae) in Australia and New Caledonia based on nuclear ribosomal DNA shows species polyphyly, divergent paralogues and incongruence with chloroplast DNA. <i>Australian Systematic Botany</i> , 2018, 31, 16.	0.9	8
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37	Geographic variation in morphology and flavonoid chemistry in <i>Hebe pubescens</i> and <i>H. bollsii</i> (Scrophulariaceae), including a new infraspecific classification for <i>H. pubescens</i> . <i>New Zealand Journal of Botany</i> , 2003, 41, 23-53.	1.1	7
38	Composition and taxonomic distribution of leaf flavonoids in <i>Hebe</i> and <i>Leonohebe</i> (Plantaginaceae) in New Zealand 1. "Buxifoliatae", "Flagriformes", and <i>Leonohebe</i> . <i>New Zealand Journal of Botany</i> , 2005, 43, 165-203.	1.1	7
39	<i>Boronia</i> (Rutaceae) is polyphyletic: Reinstating <i>Cyanothamnus</i> and the problems associated with inappropriately defined outgroups. <i>Taxon</i> , 2020, 69, 481-499.	0.7	7
40	Divergent lineages in a semi-arid mallee species, <i>Eucalyptus behriana</i> , correspond to a major geographic break in southeastern Australia. <i>Ecology and Evolution</i> , 2021, 11, 664-678.	1.9	7
41	Descriptions and flavonoid chemistry of new taxa in <i>Hebesect. subdistichae</i> (Scrophulariaceae). <i>New Zealand Journal of Botany</i> , 2002, 40, 571-602.	1.1	6
42	A new family placement for Australian blue squill, <i>Chamaescilla</i> : Xanthorrhoeaceae (Hemerocallidoideae), not Asparagaceae. <i>Phytotaxa</i> , 2016, 275, 97.	0.3	6
43	Molecular phylogeny of tribe Myoporeae (Scrophulariaceae) using nuclear ribosomal DNA : Generic relationships and evidence for major clades. <i>Taxon</i> , 2021, 70, 570-588.	0.7	6
44	Composition and distribution of leaf flavonoids in <i>Hebe</i> and <i>Leonohebe</i> (Plantaginaceae) in New Zealand 2. "Apertae", "Occlusae", and "Grandiflorae". <i>New Zealand Journal of Botany</i> , 2007, 45, 329-392.	1.1	5
45	Is south-western Western Australia a centre of origin for eastern Australian taxa or is the centre an artefact of a method of analysis? A comment on <i>Hakea</i> and its supposed divergence over the past 12 million years. <i>Australian Systematic Botany</i> , 2016, 29, 87.	0.9	5
46	Big trees of small baskets: phylogeny of the Australian genus. <i>Australian Systematic Botany</i> , 2022, 35, 95-119.	0.9	4
47	Variation in morphology and flavonoid chemistry in <i>Hebe pimeleoides</i> (Scrophulariaceae), including a revised subspecific classification. <i>New Zealand Journal of Botany</i> , 2003, 41, 233-253.	1.1	3
48	Annotated plastome of the temperate woody vine <i>Muehlenbeckia australis</i> (G.Forst.) Meisn. (Polygonaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 399-400.	0.4	3
49	The complete chloroplast genome sequence of <i>Spyridium parvifolium</i> var. <i>parvifolium</i> (family Rhamnaceae; tribe Pomaderreae). <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 807-809.	0.4	3
50	(2758) Proposal to conserve the name <i>Eremophila</i> against <i>Bontia</i> , <i>Myoporum</i> and <i>Andreusia</i> (<i>Scrophulariaceae</i> : <i>Myoporeae</i>). <i>Taxon</i> , 2020, 69, 828-830.	0.7	3
51	A taxonomic revision of <i>Hebe</i> informal group "Connatae" (Plantaginaceae), based on morphology and flavonoid chemistry. <i>New Zealand Journal of Botany</i> , 2003, 41, 613-635.	1.1	2
52	Geographic variation in the <i>Hebe albicans</i> complex (Plantaginaceae) morphology and flavonoid chemistry. <i>New Zealand Journal of Botany</i> , 2005, 43, 141-163.	1.1	2
53	Morphological and molecular data support reinstatement of <i>Spiridens muelleri</i> Hampe (Bryophyta): Tj ETQq1 1 0.784314 rgBT /Overlock 0.9 2	0.9	2
54	Molecular phylogenetic relationships reveal taxonomic and biogeographic clades in <i>Dianella</i> (flax) Tj ETQq0 0 0 rgBT /Overlock 1.2 2 Tf 50 6	1.2	2

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55	Genetic variation and phylogeography of the Australian and New Zealand fern <i>Asplenium flabellifolium</i> (Aspleniaceae). <i>Australian Systematic Botany</i> , 2020, , .	0.9	2
56	Use of plastid genome sequences in phylogeographic studies of tree species can be misleading without comprehensive sampling of co-occurring, related species. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	1.6	2
57	(1630) Proposal to reject the name <i>Veronica decussata</i> (Plantaginaceae). <i>Taxon</i> , 2004, 53, 571-572.	0.7	1
58	Explaining the worldwide distributions of two highly mobile species: <i>Cakile edentula</i> and <i>Cakile maritima</i> . <i>Journal of Biogeography</i> , 2021, 48, 603-615.	3.0	1
59	Chloroplast phylogenies of Australasian <i>Gleichenia</i> ferns (Gleicheniaceae) reveal incongruence with current taxonomy, and frequent long-distance dispersal. <i>Plant Systematics and Evolution</i> , 2022, 308, .	0.9	1
60	The complete chloroplast genome sequence of the Australian Mirbelioid pea <i>Platylobium obtusangulum</i> Hook. (Leguminosae: subf. Papilionoideae, tribe Bossiadeae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3618-3620.	0.4	0
61	A review of the fern genus <i>Pellaea</i> (Pteridaceae) in Australasia. <i>Australian Systematic Botany</i> , 2020, , .	0.9	0
62	Investigating gall midges (Asphondylia), associated microfungi and parasitoids in some chenopod plant hosts (Amaranthaceae) in south-eastern Australia. <i>Arthropod-Plant Interactions</i> , 2021, 15, 747-771.	1.1	0