

Michael D Crisp

List of Publications by Year in descending order

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115
papers

8,272
citations

66343

42
h-index

49909

87
g-index

116
all docs

116
docs citations

116
times ranked

8782
citing authors

#	ARTICLE	IF	CITATIONS
1	A new subfamily classification of the Leguminosae based on a taxonomically comprehensive phylogeny: The Legume Phylogeny Working Group (LPWG). <i>Taxon</i> , 2017, 66, 44-77.	0.7	803
2	Phylogenetic biome conservatism on a global scale. <i>Nature</i> , 2009, 458, 754-756.	27.8	588
3	Phylogenetic endemism: a new approach for identifying geographical concentrations of evolutionary history. <i>Molecular Ecology</i> , 2009, 18, 4061-4072.	3.9	394
4	Radiation of the Australian flora: what can comparisons of molecular phylogenies across multiple taxa tell us about the evolution of diversity in present-day communities?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 1551-1571.	4.0	348
5	Decline of a biome: evolution, contraction, fragmentation, extinction and invasion of the Australian mesic zone biota. <i>Journal of Biogeography</i> , 2011, 38, 1635-1656.	3.0	324
6	Legume phylogeny and classification in the 21st century: Progress, prospects and lessons for other species-rich clades. <i>Taxon</i> , 2013, 62, 217-248.	0.7	305
7	Hypothesis testing in biogeography. <i>Trends in Ecology and Evolution</i> , 2011, 26, 66-72.	8.7	281
8	Biogeography of the Australian monsoon tropics. <i>Journal of Biogeography</i> , 2010, 37, 201-216.	3.0	277
9	Phylogenetic niche conservatism: what are the underlying evolutionary and ecological causes?. <i>New Phytologist</i> , 2012, 196, 681-694.	7.3	225
10	Flammable biomes dominated by eucalypts originated at the Cretaceous-Palaeogene boundary. <i>Nature Communications</i> , 2011, 2, 193.	12.8	191
11	Cenozoic extinctions account for the low diversity of extant gymnosperms compared with angiosperms. <i>New Phytologist</i> , 2011, 192, 997-1009.	7.3	171
12	Do early branching lineages signify ancestral traits?. <i>Trends in Ecology and Evolution</i> , 2005, 20, 122-128.	8.7	163
13	Assessing endemism at multiple spatial scales, with an example from the Australian vascular flora. <i>Journal of Biogeography</i> , 2003, 30, 511-520.	3.0	161
14	Interpreting the modern distribution of Myrtaceae using a dated molecular phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2015, 93, 29-43.	2.7	153
15	EXPLOSIVE RADIATION OR CRYPTIC MASS EXTINCTION? INTERPRETING SIGNATURES IN MOLECULAR PHYLOGENIES. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2257-2265.	2.3	151
16	Not so ancient: the extant crown group of <i>Nothofagus</i> represents a post-Gondwanan radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2535-2544.	2.6	150
17	Directional asymmetry of long-distance dispersal and colonization could mislead reconstructions of biogeography. <i>Journal of Biogeography</i> , 2005, 32, 741-754.	3.0	145
18	Evolution of exceptional species richness among lineages of fleshy-fruited Myrtaceae. <i>Annals of Botany</i> , 2010, 106, 79-93.	2.9	137

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19	A congruent molecular signature of vicariance across multiple plant lineages. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 1106-1117.	2.7	135
20	How Was the Australian Flora Assembled Over the Last 65 Million Years? A Molecular Phylogenetic Perspective. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2013, 44, 303-324.	8.3	134
21	Phylogenetic approaches reveal biodiversity threats under climate change. <i>Nature Climate Change</i> , 2016, 6, 1110-1114.	18.8	133
22	Need morphology always be required for new species descriptions?. <i>Invertebrate Systematics</i> , 2010, 24, 322.	1.3	126
23	Structure, pattern, and diversity of a mallee community in New South Wales. <i>Plant Ecology</i> , 1979, 39, 65-76.	1.2	111
24	Tree thinking for all biology: the problem with reading phylogenies as ladders of progress. <i>BioEssays</i> , 2008, 30, 854-867.	2.5	108
25	Age Structure, Distribution and Survival under Grazing of the Arid-Zone Shrub <i>Acacia burkittii</i> . <i>Oikos</i> , 1976, 27, 86.	2.7	106
26	NOTHOFAGUS AND PACIFIC BIOGEOGRAPHY. <i>Cladistics</i> , 1995, 11, 5-32.	3.3	106
27	Demography and Survival under Grazing of Three Australian Semi-Desert Shrubs. <i>Oikos</i> , 1978, 30, 520.	2.7	96
28	Biogeographic calibrations for the molecular clock. <i>Biology Letters</i> , 2015, 11, 20150194.	2.3	93
29	Paraphyletic species. <i>Telopea</i> , 1996, 6, 813-844.	0.4	92
30	A dated molecular perspective of eucalypt taxonomy, evolution and diversification. <i>Australian Systematic Botany</i> , 2019, 32, 29-48.	0.9	79
31	AusTraits, a curated plant trait database for the Australian flora. <i>Scientific Data</i> , 2021, 8, 254.	5.3	73
32	Cladistic Biogeography of Plants in Australia and New Guinea: Congruent Pattern Reveals Two Endemic Tropical Tracks. <i>Systematic Biology</i> , 1995, 44, 457.	5.6	71
33	High-throughput linkage mapping of Australian white cypress pine (<i>Callitris glaucophylla</i>) and map transferability to related species. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	70
34	Phylogenetic diversity meets conservation policy: small areas are key to preserving eucalypt lineages. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140007.	4.0	67
35	Phylogenetic relationships of the family Axinellidae (Porifera: Demospongiae) using morphological and molecular data. <i>Zoologica Scripta</i> , 2000, 29, 169-198.	1.7	66
36	Are pollen fossils useful for calibrating relaxed molecular clock dating of phylogenies? A comparative study using Myrtaceae. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 15-27.	2.7	65

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37	Livistona palms in Australia: Ancient relics or opportunistic immigrants?. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 512-523.	2.7	61
38	Molecular systematics of <i>Syzygium</i> and allied genera (Myrtaceae): evidence from the chloroplast genome. <i>Taxon</i> , 2006, 55, 79-94.	0.7	53
39	Towards a new classification system for legumes: Progress report from the 6th International Legume Conference. <i>South African Journal of Botany</i> , 2013, 89, 3-9.	2.5	51
40	The age and biogeography of <i>Citrus</i> and the orange subfamily (Rutaceae: Aurantioideae) in Australasia and New Caledonia. <i>American Journal of Botany</i> , 2008, 95, 1621-1631.	1.7	50
41	What to do with <i>Hibiscus</i> ? A proposed nomenclatural resolution for a large and well known genus of Malvaceae and comments on paraphyly. <i>Australian Systematic Botany</i> , 2005, 18, 49.	0.9	47
42	Structural partitioning, paired-sites models and evolution of the ITS transcript in <i>Syzygium</i> and Myrtaceae. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 124-139.	2.7	46
43	<i>Melaleuca</i> revisited: cpDNA and morphological data confirm that <i>Melaleuca</i> L. (Myrtaceae) is not monophyletic. <i>Taxon</i> , 2010, 59, 744-754.	0.7	42
44	Congruent species delineation of <i>Tulasnella</i> using multiple loci and methods. <i>New Phytologist</i> , 2014, 201, 6-12.	7.3	42
45	Three explanations for biodiversity hotspots: small range size, geographical overlap and time for species accumulation. An Australian case study. <i>New Phytologist</i> , 2015, 207, 390-400.	7.3	42
46	Revision of <i>Pittosporum</i> (Pittosporaceae) in Australia. <i>Australian Systematic Botany</i> , 2000, 13, 845.	0.9	41
47	Evolutionary speed limited by water in arid Australia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2645-2653.	2.6	41
48	Congruent biogeographical disjunctions at a continent-wide scale: Quantifying and clarifying the role of biogeographic barriers in the Australian tropics. <i>PLoS ONE</i> , 2017, 12, e0174812.	2.5	41
49	Not an ancient relic: the endemic <i>Livistona</i> palms of arid central Australia could have been introduced by humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2652-2661.	2.6	40
50	Clock model makes a large difference to age estimates of long-stemmed clades with no internal calibration: a test using Australian grasses. <i>BMC Evolutionary Biology</i> , 2014, 14, 263.	3.2	40
51	Key innovation or adaptive change? A test of leaf traits using <i>Triodiinae</i> in Australia. <i>Scientific Reports</i> , 2015, 5, 12398.	3.3	37
52	A molecular phylogeny of the endemic Australian genus <i>Gastrolobium</i> (Fabaceae: Mirbelieae) and allied genera using chloroplast and nuclear markers. <i>American Journal of Botany</i> , 2001, 88, 1675-1687.	1.7	36
53	Paralogy and Orthology in the Malvaceae rpb2 Gene Family: Investigation of Gene Duplication in <i>Hibiscus</i> . <i>Molecular Biology and Evolution</i> , 2004, 21, 1428-1437.	8.9	36
54	The impact of multiple biogeographic barriers and hybridization on species-level differentiation. <i>American Journal of Botany</i> , 2012, 99, 2045-2057.	1.7	34

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55	Genetic, cytogenetic and morphological patterns in a mixed mulga population: evidence for apomixis. <i>Australian Systematic Botany</i> , 2003, 16, 69.	0.9	33
56	Climate, not Aboriginal landscape burning, controlled the historical demography and distribution of fire-sensitive conifer populations across Australia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132182.	2.6	31
57	Morphometric and phylogenetic analysis of the <i>Daviesia ulicifolia</i> complex (Fabaceae, Mirbelieae). <i>Plant Systematics and Evolution</i> , 1998, 209, 93-122.	0.9	30
58	Evolutionary consequences of shifts to bird-pollination in the Australian pea-flowered legumes (Mirbelieae and Bossiaeeae). <i>BMC Evolutionary Biology</i> , 2014, 14, 43.	3.2	30
59	Australia lacks stem succulents but is it depauperate in plants with crassulacean acid metabolism (CAM)? <i>Current Opinion in Plant Biology</i> , 2016, 31, 109-117.	7.1	27
60	Pollen morphology of the Myrtaceae. Part 1: tribes Eucalypteae, Lophostemoneae, Syncarpieae, Xanthostemoneae and subfamily Psiloxylodeae. <i>Australian Journal of Botany</i> , 2012, 60, 165.	0.6	25
61	Monograph of <i>Gastrolobium</i> (Fabaceae: Mirbelieae). <i>Australian Systematic Botany</i> , 2002, 15, 619.	0.9	24
62	Generic delimitation and phylogenetic uncertainty: an example from a group that has undergone an explosive radiation. <i>Australian Systematic Botany</i> , 2005, 18, 41.	0.9	24
63	A phylogeny of <i>Pouteria</i> (Sapotaceae) from Malesia and Australasia. <i>Australian Systematic Botany</i> , 2007, 20, 107.	0.9	24
64	Pollen morphology of the Myrtaceae. Part 4: tribes Kanieae, Myrteae and Tristanieae. <i>Australian Journal of Botany</i> , 2012, 60, 260.	0.6	24
65	A critique of Rossberg <i>et al.</i> : noise obscures the genetic signal of meiobiotal ecospecies in ecogenomic datasets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133076.	2.6	23
66	Pollen morphology of the Myrtaceae. Part 2: tribes Backhousieae, Melaleuceae, Metrosidereae, Osbornieae and Syzygieae. <i>Australian Journal of Botany</i> , 2012, 60, 200.	0.6	22
67	Ploidy and domestication are associated with genome size variation in Palms. <i>American Journal of Botany</i> , 2015, 102, 1625-1633.	1.7	21
68	Turnover of southern cypresses in the post-Gondwanan world: extinction, transoceanic dispersal, adaptation and rediversification. <i>New Phytologist</i> , 2019, 221, 2308-2319.	7.3	21
69	Ancient relicts or recent dispersal: how long have cycads been in central Australia?. <i>Diversity and Distributions</i> , 2013, 19, 307-316.	4.1	20
70	Phylogenetic Analysis of <i>Parmotrema</i> (Parmeliaceae: Lichenized Ascomycotina). <i>Bryologist</i> , 2000, 103, 541-554.	0.6	19
71	Reticulate evolution in the natural range of the invasive wetland tree species <i>Melaleuca quinquenervia</i> . <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 506-522.	2.7	19
72	Phylogenetic assessment of pollen characters in Myrtaceae. <i>Australian Systematic Botany</i> , 2012, 25, 171.	0.9	19

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73	The genus <i>Syzygium</i> (<i>Myrtaceae</i>) in Vanuatu. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2013, 58, 53-67.	0.2	19
74	Phylogenetic relationships of two anomalous species of <i>Pultenaea</i> (<i>Fabaceae: Mirbelieae</i>), and description of a new genus. <i>Taxon</i> , 1999, 48, 701-714.	0.7	18
75	Bush peas: a rapid radiation with no support for monophyly of <i>Pultenaea</i> (<i>Fabaceae: Mirbelieae</i>). <i>Australian Systematic Botany</i> , 2005, 18, 133.	0.9	18
76	Biome assembly: what we know and what we need to know. <i>Journal of Biogeography</i> , 2006, 33, 1332-1333.	3.0	18
77	Pollen morphology of the <i>Myrtaceae</i> . Part 3: tribes <i>Chamelaucieae</i> , <i>Leptospermeae</i> and <i>Lindsayomyrteae</i> . <i>Australian Journal of Botany</i> , 2012, 60, 225.	0.6	17
78	Biogeography of the Gondwanan genus <i>Lomatia</i> (<i>Proteaceae</i>): vicariance at continental and intercontinental scales. <i>Journal of Biogeography</i> , 2015, 42, 2440-2451.	3.0	17
79	Phylogenetic evaluation of 5S ribosomal RNA gene and spacer in the <i>Callistachys</i> group (<i>Fabaceae: Mirbelieae</i>). <i>Plant Systematics and Evolution</i> , 1999, 218, 33-42.	0.9	14
80	<i>Leptospermum jingera</i> (<i>Myrtaceae</i> – <i>Leptospermoideae</i>): a new species from north-eastern Victoria. <i>Australian Systematic Botany</i> , 1996, 9, 301.	0.9	14
81	Contributions towards a revision of <i>Daviesia</i> (<i>Fabaceae: Mirbelieae</i>). III.* A synopsis of the genus. <i>Australian Systematic Botany</i> , 1995, 8, 1155.	0.9	12
82	Identifying genetic markers for a range of phylogenetic utility—From species to family level. <i>PLoS ONE</i> , 2019, 14, e0218995.	2.5	12
83	<i>Bursaria</i> (<i>Pittosporaceae</i>): a morphometric analysis and revision. <i>Australian Systematic Botany</i> , 1999, 12, 117.	0.9	11
84	Phylogeny and Evolution of Anomalous Roots in <i>Daviesia</i> (<i>Fabaceae: Mirbelieae</i>). <i>International Journal of Plant Sciences</i> , 2003, 164, 603-612.	1.3	11
85	Genetic evidence for paternal inheritance of the chloroplast in four Australian <i>Callitris</i> species (<i>Cupressaceae</i>). <i>Journal of Forest Research</i> , 2014, 19, 244-248.	1.4	11
86	Anomalous secondary thickening in roots of <i>Daviesia</i> (<i>Fabaceae</i>) and its taxonomic significance. <i>Botanical Journal of the Linnean Society</i> , 1989, 99, 175-193.	1.6	10
87	Geographic and Ontogenetic Variation in Morphology of Australian Waratahs (<i>Telopea: Proteaceae</i>). <i>Systematic Biology</i> , 1993, 42, 49.	5.6	10
88	A monograph of <i>Daviesia</i> (<i>Mirbelieae, Faboideae, Fabaceae</i>). <i>Phytotaxa</i> , 2017, 300, 1.	0.3	10
89	Evolution of the coastal neospecies <i>Zieria prostrata</i> (<i>Rutaceae</i>) and its relationship to the <i>Zieria smithii</i> species complex. <i>Australian Systematic Botany</i> , 2003, 16, 515.	0.9	9
90	Isolation and characterization of 52 polymorphic EST–SSR markers for <i>Callitris columellaris</i> (<i>Cupressaceae</i>). <i>American Journal of Botany</i> , 2011, 98, e363-8.	1.7	8

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91	Almaleea, a new genus of Fabaceae from south-eastern Australia. <i>Telopea</i> , 1991, 4, 307-311.	0.4	8
92	Revision of <i>Brachysema</i> (Fabaceae: Mirbelieae). <i>Australian Systematic Botany</i> , 1995, 8, 307.	0.9	7
93	Historical biogeography and patterns of diversity in plants, algae and fungi: introduction. <i>Journal of Biogeography</i> , 2001, 28, 153-155.	3.0	7
94	Cladistic analysis and revision of <i>Billardiera</i> (Pittosporaceae). <i>Australian Systematic Botany</i> , 2004, 17, 83.	0.9	7
95	Niche differentiation and spatial partitioning in the evolution of two Australian monsoon tropical tree species. <i>Journal of Biogeography</i> , 2013, 40, 559-569.	3.0	7
96	Australian spinifex grasses: new names in <i>Triodia</i> for <i>Monodia</i> and <i>Symplectrodia</i> . <i>Phytotaxa</i> , 2015, 230, 293.	0.3	7
97	<i>Auranticarpa</i> , a new genus of Pittosporaceae from northern Australia. <i>Australian Systematic Botany</i> , 2000, 13, 903.	0.9	6
98	Revision of <i>Rhytidosporum</i> (Pittosporaceae). <i>Australian Systematic Botany</i> , 1999, 12, 689.	0.9	5
99	Reinstatement and revision of the genus <i>Marianthus</i> (Pittosporaceae). <i>Australian Systematic Botany</i> , 2004, 17, 127.	0.9	5
100	Molecular dating and eucalypts: reply to Ladiges and Udovicic. <i>Australian Systematic Botany</i> , 2005, 18, 295.	0.9	5
101	Species limits and cryptic biogeographic structure in a widespread complex of Australian monsoon tropics trees (broad-leaf paperbarks: <i>Melaleuca</i> , Myrtaceae). <i>Australian Systematic Botany</i> , 2018, , .	0.9	5
102	Understanding Diversity and Systematics in Australian Fabaceae Tribe Mirbelieae. <i>Diversity</i> , 2021, 13, 391.	1.7	5
103	Appraising widespread resprouting but variable levels of postfire seeding in Australian ecosystems: the effect of phylogeny, fire regime and productivity. <i>Australian Journal of Botany</i> , 2022, 70, 114-130.	0.6	5
104	A new species of <i>Bentleya</i> E. Bennett (Pittosporaceae) from southern Western Australia. <i>Botanical Journal of the Linnean Society</i> , 1990, 103, 309-315.	1.6	4
105	Contributions Towards a Revision of <i>Daviesia</i> (Fabaceae: Mirbelieae). IV.* <i>D. ulicifolia</i> sens. lat.. <i>Australian Systematic Botany</i> , 1997, 10, 31.	0.9	4
106	Revision of <i>Leptosema</i> (Fabaceae: Mirbelieae). <i>Australian Systematic Botany</i> , 1999, 12, 1.	0.9	4
107	Taxonomic revision of <i>Jacksonia</i> (Leguminosae: Mirbelieae). <i>Australian Systematic Botany</i> , 2007, 20, 473.	0.9	4
108	Microsatellite variation for phylogenetic, phylogeographic and population-genetic studies in <i>Lomatia</i> (Proteaceae). <i>Australian Systematic Botany</i> , 2013, 26, 186.	0.9	4

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109	Reinstatement of <i>Sphaerolobium minus</i> (Fabaceae: Mirbelieae). <i>Telopea</i> , 1993, 5, 335-340.	0.4	4
110	Ghosts of Gondwana: The History of Life in New Zealand.â€”George Gibbs. 2006, reprinted 2007. Craig Potton Publishing, Nelson, New Zealand. 232 pp. ISBN 978-1-877333-48-4 (ISBN-10 1-877333-48-4). NZ\$49.99 (hardcover). <i>Systematic Biology</i> , 2008, 57, 329-332.	5.6	3
111	Pleistocene divergence of two disjunct conifers in the eastern Australian temperate zone. <i>Biological Journal of the Linnean Society</i> , 2018, , .	1.6	3
112	Contributions Towards a Revision of <i>Daviesia</i> (Fabaceae: Mirbelieae). <i>V. D. cardiophylla</i> sens. lat.. <i>Australian Systematic Botany</i> , 1997, 10, 321.	0.9	2
113	A revision of <i>Pultenaea</i> (Fabaceae: Mirbelieae). 4. Species occurring in Western Australia. <i>Australian Systematic Botany</i> , 2005, 18, 149.	0.9	2
114	Taxonomic revision of <i>Gompholobium</i> (Leguminosae: Mirbelieae). <i>Australian Systematic Botany</i> , 2008, 21, 67.	0.9	2
115	<i>Cheiranthra</i> (Pittosporaceae). <i>Australian Systematic Botany</i> , 2007, 20, 340.	0.9	1