

# Russell Lindsay Barrett

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

885  
citations

686830

13  
h-index

525886

27  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal Planet description sheets: 154–213. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2013, 31, 188-296.	1.6	179
2	Taxonomy based on science is necessary for global conservation. <i>PLoS Biology</i> , 2018, 16, e2005075.	2.6	149
3	Historical biogeography of Loranthaceae (Santalales): Diversification agrees with emergence of tropical forests and radiation of songbirds. <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 199-212.	1.2	47
4	A new classification of Cyperaceae (Poales) supported by phylogenomic data. <i>Journal of Systematics and Evolution</i> , 2021, 59, 852-895.	1.6	46
5	Combining complete chloroplast genome sequences with target loci data and morphology to resolve species limits in <i>Triplostegia</i> (Caprifoliaceae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 15-26.	1.2	40
6	Radiation and repeated transoceanic dispersal of Schoeneae (Cyperaceae) through the southern hemisphere. <i>American Journal of Botany</i> , 2013, 100, 2494-2508.	0.8	36
7	Spatial and Developmental Variation in Seed Dormancy Characteristics in the Fire-responsive Species <i>Anigozanthos manglesii</i> (Haemodoraceae) from Western Australia. <i>Annals of Botany</i> , 2001, 88, 19-26.	1.4	33
8	Ecological importance of sedges: a survey of the Australasian Cyperaceae genus <i>Lepidosperma</i> . <i>Annals of Botany</i> , 2013, 111, 499-529.	1.4	29
9	Annual mowing maintains plant diversity in threatened temperate grasslands. <i>Applied Vegetation Science</i> , 2018, 21, 207-218.	0.9	29
10	A sedge plant as the source of Kangaroo Island propolis rich in prenylated p-coumarate ester and stilbenes. <i>Phytochemistry</i> , 2017, 134, 87-97.	1.4	27
11	Plastome phylogenomic insights into the Sino-Japanese biogeography of <i>Diabelia</i> (Caprifoliaceae). <i>Journal of Systematics and Evolution</i> , 2020, 58, 972-987.	1.6	18
12	Estimating Alpha, Beta, and Gamma Diversity Through Deep Learning. <i>Frontiers in Plant Science</i> , 2022, 13, 839407.	1.7	18
13	Reconstructing the age and historical biogeography of the ancient flowering-plant family Hydatellaceae (Nymphaeales). <i>BMC Evolutionary Biology</i> , 2014, 14, 102.	3.2	17
14	Characterisation of polymorphic microsatellite markers in the widespread Australian seagrass, <i>Posidonia australis</i> Hook. f. (Posidoniaceae), with cross-amplification in the sympatric <i>P. sinuosa</i> . <i>Conservation Genetics Resources</i> , 2009, 1, 273-276.	0.4	16
15	A review of the genus <i>Lepidosperma</i> Labill. (Cyperaceae: Schoeneae). <i>Australian Systematic Botany</i> , 2012, 25, 225.	0.3	16
16	Resolving Generic Boundaries in Indian-Australasian Cleomaceae: Circumscription of <i>Areocleome</i> , <i>Arivela</i> , and <i>Coryandra</i> as Distinct Genera. <i>Systematic Botany</i> , 2017, 42, 694-708.	0.2	14
17	Temporal and spatial comparisons of angiosperm diversity between eastern Asia and North America. <i>National Science Review</i> , 2022, 9, .	4.6	13
18	Phylogeographic Analysis and Genetic Structure of an Endemic Sino-Japanese Disjunctive Genus <i>Diabelia</i> (Caprifoliaceae). <i>Frontiers in Plant Science</i> , 2019, 10, 913.	1.7	12

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19	Phylogenetic revision of <i>Backhousieae</i> (Myrtaceae): Neogene divergence, a revised circumscription of <i>Backhousia</i> and two new species. <i>Australian Systematic Botany</i> , 2012, 25, 404.	0.3	11
20	A taxonomic revision of <i>Schoenus cuspidatus</i> and allies (Cyperaceae, tribe Schoeneae) – Part 1. <i>South African Journal of Botany</i> , 2019, 121, 519-535.	1.2	10
21	Resolving generic limits in Cyperaceae tribe <i>Abildgaardieae</i> using targeted sequencing. <i>Botanical Journal of the Linnean Society</i> , 2021, 196, 163-187.	0.8	10
22	Two new species of <i>Triodia</i> (Poaceae: <i>Triodieae</i> ) from the Kimberley region of Western Australia. <i>Telopea</i> , 2011, 1-2, 57-67.	0.4	8
23	A review of <i>Planchonia</i> (Lecythidaceae) in Australia. <i>Australian Systematic Botany</i> , 2006, 19, 147.	0.3	7
24	Phylogeny and a new tribal classification of <i>Opiliaceae</i> (Santalales) based on molecular and morphological evidence. <i>Journal of Systematics and Evolution</i> , 2018, 56, 56-66.	1.6	7
25	Historical biogeography of <i>Tetrastigma</i> (Vitaceae): Insights into floristic exchange patterns between Asia and Australia. <i>Cladistics</i> , 2021, 37, 803-815.	1.5	7
26	Revision of generic concepts in Schoeneae subtribe <i>Tricostulariinae</i> (Cyperaceae) with a new genus <i>Ammothryon</i> and new species of <i>Tricostularia</i> . <i>Telopea</i> , 0, 24, .	0.4	7
27	Forgotten impacts of European land-use on riparian and savanna vegetation in northwest Australia. <i>Journal of Vegetation Science</i> , 2018, 29, 427-437.	1.1	6
28	Phylogeny, character evolution and taxonomic revision of <i>Causonis</i> , a segregate genus from <i>Cayratia</i> (Vitaceae). <i>Taxon</i> , 0, , .	0.4	6
29	DNA ploidy variation and distribution in the <i>Lepidosperma costale</i> complex (Cyperaceae): implications for conservation and restoration in a biodiversity hotspot. <i>Australian Journal of Botany</i> , 2017, 65, 120.	0.3	5
30	<i>Crosslandia setifolia</i> is a partly monoecious species of <i>Fimbristylis</i> (Abildgaardieae: Cyperaceae). <i>Phytotaxa</i> , 2019, 399, 163.	0.1	5
31	Global dispersal and diversification of the genus <i>Schoenus</i> (Cyperaceae) from the Western Australian biodiversity hotspot. <i>Journal of Systematics and Evolution</i> , 2021, 59, 791-808.	1.6	5
32	Understanding Diversity and Systematics in Australian Fabaceae Tribe <i>Mirbelieae</i> . <i>Diversity</i> , 2021, 13, 391.	0.7	5
33	Reinstatement and revision of the genus <i>Chaetospora</i> (Cyperaceae: Schoeneae). <i>Telopea</i> , 0, 23, 95-112.	0.4	5
34	Novel chloroplast markers for the study of intraspecific variation and hybridisation in the <i>Lepidosperma costale</i> species complex (Cyperaceae). <i>Conservation Genetics Resources</i> , 2011, 3, 355-360.	0.4	4
35	Examining range disjunctions in Australian <i>Terminalia</i> (Combretaceae) with taxonomic revision of the <i>T. canescens</i> and <i>T. cunninghamii</i> species complexes. <i>Australian Systematic Botany</i> , 2015, 28, 23.	0.3	4
36	<i>Netrostylis</i> , a new genus of Australasian Cyperaceae removed from <i>Tetraria</i> . <i>Telopea</i> , 0, 24, .	0.4	4

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37	Four new species of Goodeniaceae from Western Australia, including the smallest species in the family, a putative seed-article elaiosome and possible floral mimicry in Lechenaultia. Australian Systematic Botany, 2014, 27, 469.	0.3	3
38	Taxonomic revision of Triplostegia (Caprifoliaceae: Dipsacales). Phytotaxa, 2019, 392, 19.	0.1	3
39	A molecular phylogeny of Eragrostis (Poaceae: Chloridoideae: Eragrostideae): making lovegrass monophyletic in Australia. Australian Systematic Botany, 2020, , .	0.3	3
40	Bush Blitz and biodiversity discovery in Australia. Australian Systematic Botany, 2014, 27, i.	0.3	2
41	A new record of the genus Yua (Vitaceae) from Vietnam. Phytotaxa, 2016, 255, 274.	0.1	2
42	Additions to the Myxomycota of summer rainfall regions of tropical Australia. Nova Hedwigia, 2017, 104, 47-64.	0.2	2
43	Preface to 'Generic Concepts and Modern Taxonomy'. Australian Systematic Botany, 2005, 18, i.	0.3	2
44	Morphological and molecular evidence refute a broad circumscription for. Australian Systematic Botany, 2022, 35, 127-179.	0.3	2
45	Anthelepis, a new genus for four mainly tropical species of Cyperaceae from Australia, New Caledonia and South-East Asia. Australian Systematic Botany, 2019, , .	0.3	1
46	Drosera stipularis, a new species for the D. petiolaris complex from Cape York Peninsula, Queensland. Telopea, 0, 23, 35-40.	0.4	1
47	Taxonomic revision of Corynotheca (Hemerocallidaceae / Asphodelaceae). Telopea, 0, 24, .	0.4	1
48	Reassessment of the taxonomic status of Cyperaceae on Rapa Iti, Austral Islands, French Polynesia, with a new combination, Morelotia involuta. Telopea, 0, 24, .	0.4	1
49	A review of Myriophyllum callitrichoides (Haloragaceae) in Western Australia. Telopea, 0, 19, 207-211.	0.4	1
50	Reinstatement of Goodenia pritzelii Domin (Goodeniaceae) from the north Kimberley and description of G. oenpelliensis as a new species from the Northern Territory. Telopea, 0, , .	0.4	1
51	Plant Conservation and Biodiversity: The Place of Microorganisms. , 2002, , 1-18.		0
52	(1946) Proposal to conserve the name Calectasia intermedia against Scaryomyrtus hexamera (Calectasiaceae). Taxon, 2010, 59, 1279-1279.	0.4	0
53	(54) Request for a binding decision on whether Pollia Thunb. (Commelinaceae) and Polia Lour. (Caryophyllaceae) are sufficiently alike to be confused. Taxon, 2017, 66, 215-215.	0.4	0
54	Lechenaultia peregrina, a new species of Goodeniaceae from northern Australia, New Guinea and the Moluccas. Telopea, 0, 24, 277-282.	0.4	0

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55	Review of nomenclature for Actinidiaceae in Australia. <i>Telopea</i> , 0, 24, .	0.4	0
56	Iron plant ( <i>Astrotricha hamptonii</i> , Araliaceae): an enigmatic species with a rich history in bioprospecting. <i>Telopea</i> , 0, 18, 297-304.	0.4	0