

Margaret Byrne

List of Publications by Year in descending order

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Version: 2024-02-01

239
papers

10,704
citations

38742

50
h-index

40979

93
g-index

246
all docs

246
docs citations

246
times ranked

11512
citing authors

#	ARTICLE	IF	CITATIONS
1	Refugia: identifying and understanding safe havens for biodiversity under climate change. <i>Global Ecology and Biogeography</i> , 2012, 21, 393-404.	5.8	786
2	The genome of <i>Eucalyptus grandis</i> . <i>Nature</i> , 2014, 510, 356-362.	27.8	725
3	Assessing the benefits and risks of translocations in changing environments: a genetic perspective. <i>Evolutionary Applications</i> , 2011, 4, 709-725.	3.1	661
4	Birth of a biome: insights into the assembly and maintenance of the Australian arid zone biota. <i>Molecular Ecology</i> , 2008, 17, 4398-4417.	3.9	580
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	Genetic Diversity and Conservation Units: Dealing With the Species-Population Continuum in the Age of Genomics. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	266
7	Evidence for multiple refugia at different time scales during Pleistocene climatic oscillations in southern Australia inferred from phylogeography. <i>Quaternary Science Reviews</i> , 2008, 27, 2576-2585.	3.0	253
8	Climate-adjusted provenancing: a strategy for climate-resilient ecological restoration. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	233
9	Biological invasions, climate change and genomics. <i>Evolutionary Applications</i> , 2015, 8, 23-46.	3.1	209
10	Introducing BASE: the Biomes of Australian Soil Environments soil microbial diversity database. <i>GigaScience</i> , 2016, 5, 21.	6.4	204
11	Large scale genome skimming from herbarium material for accurate plant identification and phylogenomics. <i>Plant Methods</i> , 2020, 16, 1.	4.3	197
12	A framework for incorporating evolutionary genomics into biodiversity conservation and management. <i>Climate Change Responses</i> , 2015, 2, .	2.6	175
13	Reproductive biology of Australian acacias: important mediator of invasiveness?. <i>Diversity and Distributions</i> , 2011, 17, 911-933.	4.1	148
14	The potential of genomics for restoring ecosystems and biodiversity. <i>Nature Reviews Genetics</i> , 2019, 20, 615-628.	16.3	142
15	Conservation and Genetic Diversity of Microsatellite loci in the Genus <i>Eucalyptus</i> . <i>Australian Journal of Botany</i> , 1996, 44, 331.	0.6	124
16	Using assisted colonisation to conserve biodiversity and restore ecosystem function under climate change. <i>Biological Conservation</i> , 2013, 157, 172-177.	4.1	118
17	Biogeography and speciation of terrestrial fauna in the south-western Australian biodiversity hotspot. <i>Biological Reviews</i> , 2015, 90, 762-793.	10.4	107
18	Plasticity of functional traits varies clinally along a rainfall gradient in <i>Eucalyptus tricarpa</i> . <i>Plant, Cell and Environment</i> , 2014, 37, 1440-1451.	5.7	106

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19	Bridging the gap: a genetic assessment framework for population-level threatened plant conservation prioritization and decision-making. <i>Diversity and Distributions</i> , 2016, 22, 174-188.	4.1	105
20	Impacts of recent climate change on terrestrial flora and fauna: Some emerging Australian examples. <i>Austral Ecology</i> , 2019, 44, 3-27.	1.5	105
21	Assessing genetic risk in revegetation. <i>Journal of Applied Ecology</i> , 2011, 48, 1365-1373.	4.0	97
22	Granite outcrops as ancient islands in old landscapes: evidence from the phylogeography and population genetics of <i>Eucalyptus caesia</i> (Myrtaceae) in Western Australia. <i>Biological Journal of the Linnean Society</i> , 2007, 93, 177-188.	1.6	96
23	Genome-wide scans detect adaptation to aridity in a widespread forest tree species. <i>Molecular Ecology</i> , 2014, 23, 2500-2513.	3.9	95
24	Extensive pollen dispersal in a bird-pollinated shrub, <i>Calothamnus quadrifidus</i> , in a fragmented landscape. <i>Molecular Ecology</i> , 2007, 16, 1303-1314.	3.9	91
25	Facilitating adaptation of biodiversity to climate change: a conceptual framework applied to the world's largest Mediterranean-climate woodland. <i>Climatic Change</i> , 2012, 110, 227-248.	3.6	89
26	Restriction Map and Maternal Inheritance of Chloroplast DNA in <i>Eucalyptus nitens</i> . <i>Journal of Heredity</i> , 1993, 84, 218-220.	2.4	88
27	An integrated genetic linkage map for eucalypts using RFLP, RAPD and isozyme markers. <i>Theoretical and Applied Genetics</i> , 1995, 91-91, 869-875.	3.6	83
28	Threatened plant translocation in Australia: A review. <i>Biological Conservation</i> , 2019, 236, 211-222.	4.1	83
29	Population divergence in the chloroplast genome of <i>Eucalyptus nitens</i> . <i>Heredity</i> , 1994, 73, 18-28.	2.6	80
30	Maintenance of high pollen dispersal in <i>Eucalyptus wandoo</i> , a dominant tree of the fragmented agricultural region in Western Australia. <i>Conservation Genetics</i> , 2008, 9, 97-105.	1.5	80
31	Phylogeographic consequences of different introduction histories of invasive Australian <i>Acacia</i> species and <i>Paraserianthes lophantha</i> (Fabaceae) in South Africa. <i>Diversity and Distributions</i> , 2011, 17, 861-871.	4.1	79
32	Identification and mode of action of quantitative trait loci affecting seedling height and leaf area in <i>Eucalyptus nitens</i> . <i>Theoretical and Applied Genetics</i> , 1997, 94, 674-681.	3.6	77
33	A genetic linkage map for <i>Eucalyptus globulus</i> with candidate loci for wood, fibre, and floral traits. <i>Theoretical and Applied Genetics</i> , 2002, 104, 379-387.	3.6	77
34	Evaluating the influence of different aspects of habitat fragmentation on mating patterns and pollen dispersal in the bird-pollinated <i>Banksia sphaerocarpa</i> var. <i>caesia</i> . <i>Molecular Ecology</i> , 2012, 21, 314-328.	3.9	76
35	Genetic diversity and multiple origins of polyploid <i>Atriplex nummularia</i> Lindl. (Chenopodiaceae). <i>Biological Journal of the Linnean Society</i> , 2012, 105, 218-230.	1.6	73
36	Phylodiversity to inform conservation policy: An Australian example. <i>Science of the Total Environment</i> , 2015, 534, 131-143.	8.0	72

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37	Plant functional traits differ in adaptability and are predicted to be differentially affected by climate change. <i>Ecology and Evolution</i> , 2020, 10, 232-248.	1.9	71
38	Phylogeographical patterns in chloroplast DNA variation within the <i>Acacia acuminata</i> (Leguminosae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	69
39	Mapping of quantitative trait loci influencing frost tolerance in <i>Eucalyptus nitens</i> . <i>Theoretical and Applied Genetics</i> , 1997, 95, 975-979.	3.6	65
40	Evaluating success of translocations in maintaining genetic diversity in a threatened mammal. <i>Biological Conservation</i> , 2014, 171, 209-219.	4.1	64
41	Phylogeography provides an evolutionary context for the conservation of a diverse and ancient flora. <i>Australian Journal of Botany</i> , 2007, 55, 316.	0.6	63
42	Chloroplast DNA polymorphism signals complex interspecific interactions in <i>Eucalyptus</i> (Myrtaceae). <i>Australian Systematic Botany</i> , 1998, 11, 25.	0.9	60
43	Incorporation of Sodium Sulfite into Extraction Protocol Minimizes Degradation of <i>Acacia</i> DNA. <i>BioTechniques</i> , 2001, 30, 742-748.	1.8	57
44	Phylogeographical analysis of cpDNA variation in <i>Eucalyptus loxophleba</i> (Myrtaceae). <i>Australian Journal of Botany</i> , 2004, 52, 459.	0.6	57
45	Outcrossing between an agroforestry plantation and remnant native populations of <i>Eucalyptus loxophleba</i> . <i>Molecular Ecology</i> , 2008, 17, 2769-2781.	3.9	56
46	Genetic diversity and structure of the Australian flora. <i>Diversity and Distributions</i> , 2017, 23, 41-52.	4.1	56
47	Rapid Characterisation of Vegetation Structure to Predict Refugia and Climate Change Impacts across a Global Biodiversity Hotspot. <i>PLoS ONE</i> , 2014, 9, e82778.	2.5	56
48	Advancing DNA Barcoding and Metabarcoding Applications for Plants Requires Systematic Analysis of Herbarium Collections – An Australian Perspective. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	55
49	Isolated with persistence or dynamically connected? Genetic patterns in a common granite outcrop endemic. <i>Diversity and Distributions</i> , 2014, 20, 987-1001.	4.1	54
50	Landscape genomic prediction for restoration of a <i>Eucalyptus</i> foundation species under climate change. <i>ELife</i> , 2018, 7, .	6.0	54
51	Identifying knowledge gaps for gene drive research to control invasive animal species: The next CRISPR step. <i>Global Ecology and Conservation</i> , 2018, 13, e00363.	2.1	52
52	Habitat discontinuities form strong barriers to gene flow among mangrove populations, despite the capacity for long-distance dispersal. <i>Diversity and Distributions</i> , 2019, 25, 298-309.	4.1	52
53	Phylogeography and divergence in the chloroplast genome of Western Australian Sandalwood (<i>Santalum spicatum</i>). <i>Heredity</i> , 2003, 91, 389-395.	2.6	51
54	Standing genomic variation within coding and regulatory regions contributes to the adaptive capacity to climate in a foundation tree species. <i>Molecular Ecology</i> , 2019, 28, 2502-2516.	3.9	50

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55	Seed production, germinability and seedling growth for a bird-pollinated shrub in fragments of kwongan in south-west Australia. <i>Biological Conservation</i> , 2007, 136, 306-314.	4.1	48
56	Phylogeography and conservation of three oil mallee taxa, <i>Eucalyptus kochii</i> ssp. <i>kochii</i> , ssp. <i>plenissima</i> and <i>E. horistes</i> . <i>Australian Journal of Botany</i> , 2000, 48, 305.	0.6	45
57	Testing the variability of chloroplast sequences for plant phylogeography. <i>Australian Journal of Botany</i> , 2012, 60, 569.	0.6	45
58	Divergence in the chloroplast genome and nuclear rDNA of the rare Western Australian plant <i>Lambertia orbifolia</i> Gardner (Proteaceae). <i>Molecular Ecology</i> , 1999, 8, 1789-1796.	3.9	44
59	Prolonged isolation and persistence of a common endemic on granite outcrops in both mesic and semi-arid environments in south-western Australia. <i>Journal of Biogeography</i> , 2014, 41, 2032-2044.	3.0	43
60	Title is missing!. <i>Conservation Genetics</i> , 2001, 2, 157-166.	1.5	42
61	Regional genetic differentiation in Western Australian sandalwood (<i>Santalum spicatum</i>) as revealed by nuclear RFLP analysis. <i>Theoretical and Applied Genetics</i> , 2003, 107, 1208-1214.	3.6	41
62	Congruence between phylogeographic patterns in cpDNA variation in <i>Eucalyptus marginata</i> (Myrtaceae) and geomorphology of the Darling Plateau, south-west of Western Australia. <i>Australian Journal of Botany</i> , 2006, 54, 17.	0.6	40
63	Adaptation and acclimation both influence photosynthetic and respiratory temperature responses in <i>Corymbia calophylla</i> . <i>Tree Physiology</i> , 2017, 37, 1095-1112.	3.1	40
64	Transdisciplinary synthesis for ecosystem science, policy and management: The Australian experience. <i>Science of the Total Environment</i> , 2015, 534, 173-184.	8.0	39
65	Composition of the pollinator community, pollination and the mating system for a shrub in fragments of species rich kwongan in south-west Western Australia. <i>Biodiversity and Conservation</i> , 2007, 16, 1379-1395.	2.6	37
66	The maintenance of disparate levels of clonality, genetic diversity and genetic differentiation in disjunct subspecies of the rare <i>Banksia ionthocarpa</i> . <i>Molecular Ecology</i> , 2010, 19, 4217-4227.	3.9	37
67	Climate adaptation and ecological restoration in eucalypts. <i>Proceedings of the Royal Society of Victoria</i> , 2016, 128, 40.	0.4	37
68	A low-altitude mountain range as an important refugium for two narrow endemics in the Southwest Australian Floristic Region biodiversity hotspot. <i>Annals of Botany</i> , 2017, 119, 289-300.	2.9	37
69	High genetic identities between three oil mallee taxa, <i>Eucalyptus kochii</i> ssp. <i>kochii</i> , ssp. <i>plenissima</i> and <i>E. horistes</i> , based on nuclear RFLP analysis. <i>Heredity</i> , 1999, 82, 205-211.	2.6	36
70	High outcrossing and random pollen dispersal in a planted stand of <i>Acacia saligna</i> subsp. <i>saligna</i> revealed by paternity analysis using microsatellites. <i>Tree Genetics and Genomes</i> , 2008, 4, 367-377.	1.6	35
71	Real-world conservation planning for evolutionary diversity in the Kimberley, Australia, sidesteps uncertain taxonomy. <i>Conservation Letters</i> , 2018, 11, e12438.	5.7	35
72	Cultivation shapes genetic novelty in a globally important invader. <i>Molecular Ecology</i> , 2012, 21, 3187-3199.	3.9	34

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73	Genome-wide scans reveal cryptic population structure in a dry-adapted eucalypt. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	34
74	High species diversity and turnover in granite inselberg floras highlight the need for a conservation strategy protecting many outcrops. <i>Ecology and Evolution</i> , 2019, 9, 7660-7675.	1.9	34
75	Is Australia ready for assisted colonization? Policy changes required to facilitate translocations under climate change.. <i>Pacific Conservation Biology</i> , 2011, 17, 259.	1.0	33
76	Genetic diversity in the cycad <i>Macrozamia riedlei</i> . <i>Heredity</i> , 1991, 67, 35-39.	2.6	32
77	Defining entities in the <i>Acacia saligna</i> (Fabaceae) species complex using a population genetics approach. <i>Australian Journal of Botany</i> , 2011, 59, 137.	0.6	32
78	Genetic connectivity and diversity in inselberg populations of <i>Acacia woodmaniorum</i> , a rare endemic of the Yilgarn Craton banded iron formations. <i>Heredity</i> , 2013, 111, 437-444.	2.6	32
79	Extensive long-distance pollen dispersal and highly outcrossed mating in historically small and disjunct populations of <i>Acacia woodmaniorum</i> (Fabaceae), a rare banded iron formation endemic. <i>Annals of Botany</i> , 2014, 114, 961-971.	2.9	32
80	Evidence for adaptation and acclimation in a widespread eucalypt of semi-arid Australia. <i>Biological Journal of the Linnean Society</i> , 2017, 121, 484-500.	1.6	32
81	Contrasting Influences of Geographic Range and Distribution of Populations on Patterns of Genetic Diversity in Two Sympatric Pilbara Acacias. <i>PLoS ONE</i> , 2016, 11, e0163995.	2.5	32
82	Mating system studies in jarrah, <i>Eucalyptus marginata</i> (Myrtaceae). <i>Australian Journal of Botany</i> , 2000, 48, 475.	0.6	30
83	An environmental weed risk assessment model for Australian forage improvement programs. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 568.	1.0	30
84	Contemporary pollen-mediated gene immigration reflects the historical isolation of a rare, animal-pollinated shrub in a fragmented landscape. <i>Heredity</i> , 2014, 112, 172-181.	2.6	30
85	Genetic drift drives evolution in the bird-pollinated, terrestrial island endemic <i>Grevillea georgeana</i> (Proteaceae). <i>Botanical Journal of the Linnean Society</i> , 2015, 178, 155-168.	1.6	30
86	Genetic differentiation between mallee and tree forms in the <i>Eucalyptus loxophleba</i> complex. <i>Heredity</i> , 2001, 87, 566-572.	2.6	29
87	Evidence for convergent evolution among phylogenetically distant rare species of <i>Tetratheca</i> (Elaeocarpaceae, formerly Tremandraceae) from Western Australia. <i>Australian Systematic Botany</i> , 2007, 20, 126.	0.9	29
88	High Levels of Genetic Contamination in Remnant Populations of <i>Acacia saligna</i> from a Genetically Divergent Planted Stand. <i>Restoration Ecology</i> , 2012, 20, 260-267.	2.9	29
89	Phylogeographic evidence for two mesic refugia in a biodiversity hotspot. <i>Heredity</i> , 2014, 113, 454-463.	2.6	29
90	Bioclimatic transect networks: Powerful observatories of ecological change. <i>Ecology and Evolution</i> , 2017, 7, 4607-4619.	1.9	29

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91	Recovery of threatened plant species and their habitats in the biodiversity hotspot of the Southwest Australian Floristic Region. <i>Plant Diversity</i> , 2019, 41, 59-74.	3.7	29
92	Genomic Scans across Three Eucalypts Suggest that Adaptation to Aridity is a Genome-Wide Phenomenon. <i>Genome Biology and Evolution</i> , 2017, 9, 253-265.	2.5	27
93	The need for "duty of care" when introducing new crops for sustainable agriculture. <i>Current Opinion in Environmental Sustainability</i> , 2011, 3, 50-54.	6.3	25
94	Contrasting patterns of clonality and fine-scale genetic structure in two rare sedges with differing geographic distributions. <i>Heredity</i> , 2015, 115, 235-242.	2.6	25
95	Persistence and stochasticity are key determinants of genetic diversity in plants associated with banded iron formation inselbergs. <i>Biological Reviews</i> , 2019, 94, 753-772.	10.4	25
96	Refining expectations for environmental characteristics of refugia: two ranges of differing elevation and topographical complexity are mesic refugia in an arid landscape. <i>Journal of Biogeography</i> , 2017, 44, 2539-2550.	3.0	24
97	Significant genetic diversity loss following pathogen driven population extinction in the rare endemic <i>Banksia brownii</i> (Proteaceae). <i>Biological Conservation</i> , 2015, 192, 353-360.	4.1	23
98	Variation within and among the chloroplast genomes of <i>Melaleuca alternifolia</i> and <i>M. linariifolia</i> (Myrtaceae). <i>Plant Systematics and Evolution</i> , 1995, 194, 69-81.	0.9	22
99	A climate change context for the decline of a foundation tree species in south-western Australia: insights from phylogeography and species distribution modelling. <i>Annals of Botany</i> , 2015, 116, 941-952.	2.9	22
100	Isolation and characterization of nuclear microsatellite loci in <i>Pinus pinaster</i> Ait. <i>Molecular Ecology Notes</i> , 2005, 5, 57-59.	1.7	21
101	Complex interactions between remnant shape and the mating system strongly influence reproductive output and progeny performance in fragmented populations of a bird-pollinated shrub. <i>Biological Conservation</i> , 2013, 164, 129-139.	4.1	21
102	Long-term "islands" in the landscape: low gene flow, effective population size and genetic divergence in the shrub <i>Hakea oldfieldii</i> (Proteaceae). <i>Botanical Journal of the Linnean Society</i> , 2015, 179, 319-334.	1.6	21
103	Not all rare species are the same: contrasting patterns of genetic diversity and population structure in two narrow-range endemic sedges. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 873-886.	1.6	21
104	Population Genomics of <i>Bettongia lesueur</i> : Admixing Increases Genetic Diversity with no Evidence of Outbreeding Depression. <i>Genes</i> , 2019, 10, 851.	2.4	21
105	Adaptive variation for growth and resistance to a novel pathogen along climatic gradients in a foundation tree. <i>Evolutionary Applications</i> , 2019, 12, 1178-1190.	3.1	20
106	Genetic congruence with new species boundaries in the <i>Melaleuca uncinata</i> complex (Myrtaceae). <i>Australian Journal of Botany</i> , 2004, 52, 729.	0.6	20
107	Cryptic divergent lineages of <i>Pultenaea pauciflora</i> M.B. Scott (Fabaceae: Mirbelieae) exhibit different evolutionary history. <i>Biological Journal of the Linnean Society</i> , 2013, 108, 871-881.	1.6	19
108	Repeated extreme heatwaves result in higher leaf thermal tolerances and greater safety margins. <i>New Phytologist</i> , 2021, 232, 1212-1225.	7.3	19

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109	Phylogeography and population differentiation in terrestrial island populations of <i>Banksia arborea</i> (Proteaceae). <i>Biological Journal of the Linnean Society</i> , 2015, 114, 860-872.	1.6	18
110	A Climate-Oriented Approach to Support Decision-Making for Seed Provenance in Ecological Restoration. <i>Frontiers in Ecology and Evolution</i> , 0, 5, .	2.2	18
111	Persistence with episodic range expansion from the early Pleistocene: the distribution of genetic variation in the forest tree <i>Corymbia calophylla</i> (Myrtaceae) in south-western Australia. <i>Biological Journal of the Linnean Society</i> , 2018, 123, 545-560.	1.6	18
112	Pollen adaptation to ant pollination: a case study from the Proteaceae. <i>Annals of Botany</i> , 2020, 126, 377-386.	2.9	18
113	Characterization of polymorphic microsatellite DNA markers for <i>Acacia saligna</i> (Labill.) H.L.Wendl. (Mimosaceae). <i>Molecular Ecology Notes</i> , 2007, 7, 1372-1374.	1.7	17
114	Clonality and hybrid origin of the rare <i>Eucalyptus bennettiae</i> (Myrtaceae) in Western Australia. <i>Australian Journal of Botany</i> , 2009, 57, 180.	0.6	17
115	Foundations for the future: A long-term plan for Australian ecosystem science. <i>Austral Ecology</i> , 2014, 39, 739-748.	1.5	17
116	Disjunct, highly divergent genetic lineages within two rare <i>Eremophila</i> (Scrophulariaceae: Myoporeae) species in a biodiversity hotspot: implications for taxonomy and conservation. <i>Botanical Journal of the Linnean Society</i> , 2015, 177, 96-111.	1.6	17
117	Clonality, interspecific hybridisation and inbreeding in a rare mallee eucalypt, <i>Eucalyptus absita</i> (Myrtaceae), and implications for conservation. <i>Conservation Genetics</i> , 2016, 17, 193-205.	1.5	17
118	Consistent sorting but contrasting transition zones in plant communities along bioclimatic gradients. <i>Acta Oecologica</i> , 2019, 95, 74-85.	1.1	17
119	A review of applications of environmental DNA for reptile conservation and management. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	17
120	Significant population genetic structure detected for a new and highly restricted species of <i>Atriplex</i> (Chenopodiaceae) from Western Australia, and implications for conservation management. <i>Australian Journal of Botany</i> , 2012, 60, 32.	0.6	16
121	Does population distribution matter? Influence of a patchy versus continuous distribution on genetic patterns in a wind-pollinated shrub. <i>Journal of Biogeography</i> , 2017, 44, 361-374.	3.0	16
122	Detection and inheritance of RFLPs in <i>Eucalyptus nitens</i> . <i>Theoretical and Applied Genetics</i> , 1994, 89, 397-402.	3.6	15
123	Phylogenetics and the conservation of rare taxa in the <i>Eucalyptus angustissima</i> complex in Western Australia. <i>Conservation Genetics</i> , 2004, 5, 39-47.	1.5	15
124	Limiting inbreeding in disjunct and isolated populations of a woody shrub. <i>Ecology and Evolution</i> , 2016, 6, 5867-5880.	1.9	15
125	When macroecological transitions are a fiction of sampling: comparing herbarium records to plot-based species inventory data. <i>Ecography</i> , 2018, 41, 1864-1875.	4.5	15
126	The Oz Mammals Genomics (OMG) initiative: developing genomic resources for mammal conservation at a continental scale. <i>Australian Zoologist</i> , 2020, 40, 505-509.	1.1	15

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127	Phylogenetics and the conservation of a diverse and ancient flora. <i>Comptes Rendus - Biologies</i> , 2003, 326, 73-79.	0.2	14
128	Genetic differentiation among morphological variants of <i>Acacia saligna</i> (Mimosaceae). <i>Tree Genetics and Genomes</i> , 2006, 2, 109-119.	1.6	14
129	A rapid PCR-based diagnostic test for the identification of subspecies of <i>Acacia saligna</i> . <i>Tree Genetics and Genomes</i> , 2008, 4, 625-635.	1.6	14
130	The importance of recruitment patterns versus reproductive output in the persistence of a short-range endemic shrub in a highly fragmented landscape of south-western Australia. <i>Australian Journal of Botany</i> , 2012, 60, 643.	0.6	14
131	Resolving Generic Boundaries in Indian&Australasian Cleomaceae: Circumscription of <i>Areocleome</i> , <i>Arivela</i> , and <i>Corynandra</i> as Distinct Genera. <i>Systematic Botany</i> , 2017, 42, 694-708.	0.5	14
132	Evolutionary History. , 2018, , 45-75.		14
133	Conservation genomics of range disjunction in a global biodiversity hotspot: a case study of <i>Banksia biterax</i> (Proteaceae) in southwestern Australia. <i>Biological Journal of the Linnean Society</i> , 2019, 127, 390-406.	1.6	14
134	Phylogenomics shows lignotuber state is taxonomically informative in closely related eucalypts. <i>Molecular Phylogenetics and Evolution</i> , 2019, 135, 236-248.	2.7	14
135	Regarding the F&word: The effects of data filtering on inferred genotype&environment associations. <i>Molecular Ecology Resources</i> , 2021, 21, 1460-1474.	4.8	14
136	Contrasting diversity and demographic signals in sympatric narrow-range endemic shrubs of the south-west Western Australian semi-arid zone. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 315-329.	1.6	13
137	The role of fire and a long&lived soil seed bank in maintaining persistence, genetic diversity and connectivity in a fire&prone landscape. <i>Journal of Biogeography</i> , 2016, 43, 70-84.	3.0	13
138	Assessment of genetic diversity and mating system of <i>Acacia cyclops</i> restoration and remnant populations. <i>Restoration Ecology</i> , 2019, 27, 1327-1338.	2.9	13
139	Genetic monitoring of the greater stick-nest rat meta-population for strategic supplementation planning. <i>Conservation Genetics</i> , 2020, 21, 941-956.	1.5	13
140	Genetic diversity and the utilisation of <i>Acacia</i> species complexes in agroforestry in Western Australia. <i>Australian Systematic Botany</i> , 2003, 16, 49.	0.9	12
141	Whose backyard? Some precautions in choosing recipient sites for assisted colonisation of Australian plants and animals. <i>Ecological Management and Restoration</i> , 2013, 14, 106-111.	1.5	12
142	Phylogeography of southern brown and golden bandicoots: implications for the taxonomy and distribution of endangered subspecies and species. <i>Australian Journal of Zoology</i> , 2018, 66, 379.	1.0	12
143	Connectivity in riparian plants: influence of vegetation type and habitat fragmentation overrides water flow. <i>Oecologia</i> , 2018, 188, 465-478.	2.0	12
144	Gene Flow and Genetic Variation Explain Signatures of Selection across a Climate Gradient in Two Riparian Species. <i>Genes</i> , 2019, 10, 579.	2.4	12

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145	Predicting contemporary range-wide genomic variation using climatic, phylogeographic and morphological knowledge in an ancient, unglaciated landscape. <i>Journal of Biogeography</i> , 2019, 46, 503-514.	3.0	12
146	The origins and evolutionary history of xerophytic vegetation in Australia. <i>Australian Journal of Botany</i> , 2020, 68, 195.	0.6	12
147	Assessing genetic structure in a rare clonal eucalypt as a basis for augmentation and introduction translocations. <i>Conservation Genetics</i> , 2016, 17, 293-304.	1.5	11
148	Habitat fragmentation restricts insect pollinators and pollen quality in a threatened Proteaceae species. <i>Biological Conservation</i> , 2020, 252, 108824.	4.1	11
149	Platysace (Apiaceae) of south-western Australia: silent story tellers of an ancient human landscape. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 61-78.	1.6	11
150	Genetic Diversity of an Australian <i>Santalum album</i> Collection – Implications For Tree Improvement Potential. <i>Silvae Genetica</i> , 2009, 58, 279-286.	0.8	10
151	A rare, new species of <i>Atriplex</i> (Chenopodiaceae) comprising two genetically distinct but morphologically cryptic populations in arid Western Australia: implications for taxonomy and conservation. <i>Australian Systematic Botany</i> , 2015, 28, 234.	0.9	10
152	How does the post-fire facultative seeding strategy impact genetic variation and phylogeographical history? The case of <i>Bossiaea ornata</i> (Fabaceae) in a fire-prone, mediterranean climate ecosystem. <i>Journal of Biogeography</i> , 2016, 43, 96-110.	3.0	10
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154	Contrasting patterns of local adaptation along climatic gradients between a sympatric parasitic and autotrophic tree species. <i>Molecular Ecology</i> , 2020, 29, 3022-3037.	3.9	10
155	Genomic divergence in sympatry indicates strong reproductive barriers and cryptic species within <i>Eucalyptus salubris</i> . <i>Ecology and Evolution</i> , 2021, 11, 5096-5110.	1.9	10
156	Strong Phylogeographic Structure in a Millipede Indicates Pleistocene Vicariance between Populations on Banded Iron Formations in Semi-Arid Australia. <i>PLoS ONE</i> , 2014, 9, e93038.	2.5	10
157	High Levels of Outcrossing in a Family Trial of Western Australian Sandalwood (<i>Santalum spicatum</i>). <i>Silvae Genetica</i> , 2007, 56, 222-230.	0.8	10
158	Taxonomic revision of the broombush complex in Western Australia (Myrtaceae, <i>Melaleuca uncinata</i>)	0.9	10
159	Microsatellite markers isolated from a polyploid saltbush, <i>Atriplex nummularia</i> Lindl. (Chenopodiaceae). <i>Molecular Ecology Resources</i> , 2008, 8, 1426-1428.	4.8	9
160	Morphological and molecular evidence supports the recognition of a new subspecies of the critically endangered <i>Pityrodia scabra</i> (Lamiaceae). <i>Australian Systematic Botany</i> , 2013, 26, 1.	0.9	9
161	A cryptic genetic boundary in remnant populations of a long-lived, bird-pollinated shrub <i>Banksia sphaerocarpa</i> var. <i>caesia</i> (Proteaceae). <i>Biological Journal of the Linnean Society</i> , 2015, 115, 241-255.	1.6	9
162	High nuclear genetic differentiation, but low chloroplast diversity in a rare species, <i>Aluta quadrata</i> (Myrtaceae), with a disjunct distribution in the Pilbara, Western Australia. <i>Australian Journal of Botany</i> , 2016, 64, 687.	0.6	9

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164	Genetic and environmental parameters show associations with essential oil composition in West Australian sandalwood (<i>Santalum spicatum</i>). <i>Australian Journal of Botany</i> , 2018, 66, 48.	0.6	9
165	Remnant vegetation provides genetic connectivity for a critical weight range mammal in a rapidly urbanising landscape. <i>Landscape and Urban Planning</i> , 2019, 190, 103587.	7.5	9
166	Floral display and habitat fragmentation: Effects on the reproductive success of the threatened mass-flowering <i>Conospermum undulatum</i> (Proteaceae). <i>Ecology and Evolution</i> , 2019, 9, 11494-11503.	1.9	9
167	Genomic data inform conservation of rare tree species: clonality, diversity and hybridity in <i>Eucalyptus</i> series in a global biodiversity hotspot. <i>Biodiversity and Conservation</i> , 2021, 30, 619-641.	2.6	9
168	Genetic and mating system assessment of translocation success of the long-lived perennial shrub <i>Lambertia orbifolia</i> (Proteaceae). <i>Restoration Ecology</i> , 2021, 29, e13369.	2.9	9
169	Isolation and characterization of microsatellites in the woody shrub, <i>Calothamnus quadrifidus</i> (Myrtaceae). <i>Molecular Ecology Notes</i> , 2005, 5, 757-759.	1.7	8
170	Biogeographic origins and reproductive mode of naturalised populations of <i>Acacia saligna</i> . <i>Australian Journal of Botany</i> , 2012, 60, 383.	0.6	8
171	Characterisation of eleven polymorphic microsatellite DNA markers for Australian sandalwood (<i>Santalum spicatum</i>) (R.Br.) A.DC. (Santalaceae). <i>Conservation Genetics Resources</i> , 2012, 4, 51-53.	0.8	8
172	Isolation, characterization, and cross-amplification of 20 microsatellite markers for <i>Conospermum undulatum</i> (Proteaceae). <i>Applications in Plant Sciences</i> , 2019, 7, e11283.	2.1	8
173	Limited influence of landscape on the genetic structure of three small mammals in a heterogeneous arid environment. <i>Journal of Biogeography</i> , 2019, 46, 539-551.	3.0	8
174	Variable clonality and genetic structure among disjunct populations of <i>Banksia mimica</i> . <i>Conservation Genetics</i> , 2020, 21, 803-818.	1.5	8
175	Development and optimisation of molecular assays for microsatellite genotyping and molecular sexing of non-invasive samples of the ghost bat, <i>Macroderma gigas</i> . <i>Molecular Biology Reports</i> , 2020, 47, 5635-5641.	2.3	8
176	Nuclear RFLP diversity in <i>Eucalyptus nitens</i> . <i>Heredity</i> , 1998, 81, 225-233.	2.6	8
177	A Recent Stranding of Omura's Whale (<i>Balaenoptera omurai</i>) in Western Australia. <i>Aquatic Mammals</i> , 2016, 42, 193-197.	0.7	8
178	Variation in ribosomal DNA within and between populations of <i>Isotoma petraea</i> and <i>Macrozamia riedlei</i> . <i>Heredity</i> , 1997, 79, 578-583.	2.6	7
179	Variability in feed quality between populations of <i>Acacia saligna</i> (Labill.) H. Wendl. (Mimosoideae) – implications for domestication. <i>Animal Feed Science and Technology</i> , 2007, 136, 109-127.	2.2	7
180	Degree of fragmentation and population size do not adversely affect reproductive success of a rare shrub species, <i>Banksia nivea</i> (Proteaceae), in a naturally fragmented community. <i>Botanical Journal of the Linnean Society</i> , 2019, 191, 261-273.	1.6	7

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181	Pollen dispersal, pollen immigration, mating and genetic diversity in restoration of the southern plains <i>Banksia</i> . <i>Biological Journal of the Linnean Society</i> , 2020, 129, 773-792.	1.6	7
182	Contrasting patterns of population divergence on young and old landscapes in <i>Banksia seminuda</i> (Proteaceae), with evidence for recognition of subspecies. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 449-463.	1.6	7
183	Mixed Mating With Preferential Outcrossing in <i>Acacia saligna</i> (Labill.) H. Wendl. (Leguminosae:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.8	7
184	Genetic Diversity, Mating System, and Reproductive Output of Restored <i>Melaleuca acuminata</i> Populations are Comparable to Natural Remnant Populations. <i>Ecological Restoration</i> , 2019, 37, 222-232.	0.8	7
185	Development, characterization and transferability of microsatellite markers for <i>Cullen australasicum</i> (Leguminosae). <i>Conservation Genetics</i> , 2009, 10, 1803-1805.	1.5	6
186	Comparative analysis indicates historical persistence and contrasting contemporary structure in sympatric woody perennials of semi-arid south-west Western Australia. <i>Biological Journal of the Linnean Society</i> , 2017, 120, 771-787.	1.6	6
187	Revealing the Introduction History and Phylogenetic Relationships of <i>Passiflora foetida</i> sensu lato in Australia. <i>Frontiers in Plant Science</i> , 2021, 12, 651805.	3.6	6
188	Genetic Differentiation among Subspecies of <i>Banksia nivea</i> (Proteaceae) Associated with Expansion and Habitat Specialization. <i>Diversity</i> , 2022, 14, 98.	1.7	6
189	Species delimitation, hybridization and possible apomixis in a rapid radiation of Western Australian <i>Leptospermum</i> (Myrtaceae). <i>Botanical Journal of the Linnean Society</i> , 2022, 200, 378-394.	1.6	6
190	A taxonomic revision and morphological variation within <i>Eucalyptus</i> series <i>Subulatae</i> subseries <i>Oleaginae</i> (Myrtaceae), including the oil mallee complex, of south-western Australia. <i>Australian Systematic Botany</i> , 2005, 18, 525.	0.9	5
191	Characterization of polymorphic microsatellite DNA markers in <i>Banksia nivea</i> , formerly <i>Dryandra nivea</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 1393-1394.	4.8	5
192	Genetic and morphological analysis of multi-stemmed plants of tuart (<i>Eucalyptus gomphocephala</i>). <i>Australian Journal of Botany</i> , 2016, 64, 704.	0.6	5
193	Genetic and morphological evidence supports the hybrid status of <i>Adenanthos cunninghamii</i> (now <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>)	2.5	5
194	Extensive Genetic Connectivity and Historical Persistence Are Features of Two Widespread Tree Species in the Ancient Pilbara Region of Western Australia. <i>Genes</i> , 2020, 11, 863.	2.4	5
195	Genomic data and morphological reassessment reveals synonymy and hybridisation among <i>Seringia</i> taxa (Lasiopetaleae, Malvaceae) in remote north-western Australia. <i>Taxon</i> , 2020, 69, 307-320.	0.7	5
196	The role of landscape history in the distribution and conservation of threatened flora in the Southwest Australian Floristic Region. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 394-410.	1.6	5
197	Association of putatively adaptive genetic variation with climatic variables differs between a parasite and its host. <i>Evolutionary Applications</i> , 2021, 14, 1732-1746.	3.1	5
198	Genetic and ecological consequences of recent habitat fragmentation in a narrow endemic plant species within an urban context. <i>Biodiversity and Conservation</i> , 2021, 30, 3457-3478.	2.6	5

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200	As old as the hills: Pliocene palaeogeographical processes influence patterns of genetic structure in the widespread, common shrub <i>Banksia sessilis</i> . <i>Ecology and Evolution</i> , 2021, 11, 1069-1082.	1.9	5
201	Seed sourcing in the genomics era: multispecies provenance delineation for current and future climates. <i>Restoration Ecology</i> , 2022, 30, .	2.9	5
202	A study of the reproductive biology of blue-flowered <i>Conospermum</i> species (Proteaceae). <i>Australian Journal of Botany</i> , 2006, 54, 543.	0.6	4
203	Isolation and characterization of microsatellites in the woody shrub, <i>Banksia sphaerocarpa</i> var. <i>caesia</i> (Proteaceae). <i>Molecular Ecology Resources</i> , 2009, 9, 148-149.	4.8	4
204	Isolation via 454 sequencing, and characterisation of microsatellite markers for the Pilbara endemic <i>Acacia atkinsiana</i> (Fabaceae). <i>Conservation Genetics Resources</i> , 2014, 6, 585-587.	0.8	4
205	A molecular journey in conservation genetics. <i>Pacific Conservation Biology</i> , 2018, 24, 235.	1.0	4
206	Evaluating restoration outcomes through assessment of pollen dispersal, mating system, and genetic diversity. <i>Restoration Ecology</i> , 2021, 29, e13335.	2.9	4
207	Signatures of natural selection in a foundation tree along Mediterranean climatic gradients. <i>Molecular Ecology</i> , 2022, 31, 1735-1752.	3.9	4
208	Phylogenomic analysis confirms polyphyly of <i>Leptospermum</i> and delineates five major clades that warrant generic recognition. <i>Taxon</i> , 2022, 71, 348-359.	0.7	4
209	Limited phylogeographic and genetic connectivity in <i>Acacia</i> species of low stature in an arid landscape. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	4
210	Confirming the genetic affinity of the 'Eyres Green' saltbush cultivar as oldman saltbush (<i>Atriplex</i>) <i>Tj ETQq0 0.0 rgBT /Qverlock 10</i>	0.6	3
211	Characterization and cross-amplification of novel microsatellite markers for two Australian sedges, <i>Lepidosperma</i> sp. Mt Caudan and <i>L. sp.</i> Parker Range (Cyperaceae). <i>Conservation Genetics Resources</i> , 2014, 6, 333-336.	0.8	3
212	Genetics and ecology of plant species occurring on the Banded Iron Formations in the Yilgarn, Western Australia. <i>Australian Journal of Botany</i> , 2019, 67, 165.	0.6	3
213	Genetic viability of a reintroduced population of south-western common brushtail possum (<i>Trichosurus vulpecula hypoleucus</i>), Western Australia. <i>Pacific Conservation Biology</i> , 2020, 26, 282.	1.0	3
214	Disentangling the Genetic Relationships of Three Closely Related Bandicoot Species across Southern and Western Australia. <i>Diversity</i> , 2021, 13, 2.	1.7	3
215	Distribution, Biogeography and Characteristics of the Threatened and Data-Deficient Flora in the Southwest Australian Floristic Region. <i>Diversity</i> , 2022, 14, 493.	1.7	3
216	Characterisation of microsatellite markers isolated from <i>Bossiaea ornata</i> (Lindl.) Benth. (Papilionaceae). <i>Conservation Genetics</i> , 2009, 10, 1985-1987.	1.5	2

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217	Characterization of polymorphic microsatellite DNA markers in <i>Hakea oldfieldii</i> Benth. (Proteaceae). <i>Molecular Ecology Resources</i> , 2009, 9, 1214-1216.	4.8	2
218	Isolation and characterisation of 14 microsatellite loci from a short-range endemic, Western Australian tree, <i>Banksia arborea</i> (C.A. Gardner). <i>Conservation Genetics Resources</i> , 2013, 5, 1143-1145.	0.8	2
219	Isolation and characterisation of ten microsatellite markers for the tetraploid <i>Stypanandra glauca</i> R.Br. (Hemerocallidaceae) identified using next generation sequencing. <i>Conservation Genetics Resources</i> , 2013, 5, 529-531.	0.8	2
220	Isolation and characterisation of 11 microsatellite loci from the Western Australian Spirostreptid millipede, <i>Atelomastix bamfordi</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 533-535.	0.8	2
221	Characterisation of microsatellite markers for the granite endemic <i>Kunzea pulchella</i> (Lindl.) A. S. George (Myrtaceae) identified using next generation sequencing. <i>Conservation Genetics Resources</i> , 2013, 5, 129-131.	0.8	2
222	Characterisation of microsatellite DNA markers for <i>Grevillea paradoxa</i> (F. Muell). <i>Conservation Genetics Resources</i> , 2014, 6, 139-141.	0.8	2
223	Isolation and characterisation of ten microsatellite loci from a Western Australian tree, <i>Banksia sessilis</i> (Proteaceae). <i>Conservation Genetics Resources</i> , 2015, 7, 513-515.	0.8	2
224	Taxonomic resolution of the <i>Tetratheca hirsuta</i> (Elaeocarpaceae) species complex using an integrative approach. <i>Australian Systematic Botany</i> , 2017, 30, 1.	0.9	2
225	Biological Invasions, Climate Change, and Genomics. , 2016, , 37-70.		2
226	Conservation Genetics for Management of Threatened Plant and Animal Species. <i>Diversity</i> , 2022, 14, 251.	1.7	2
227	Extensive gene flow in a threatened bat (<i>Rhinonictis aurantia</i>) in an arid landscape. <i>Global Ecology and Conservation</i> , 2022, 37, e02154.	2.1	2
228	Topographic Complexity Facilitates Persistence Compared to Signals of Contraction and Expansion in the Adjacent Subdued Landscape. <i>Frontiers in Conservation Science</i> , 2022, 3, .	1.9	2
229	Characterisation of microsatellite DNA markers for the Wiry Honey Myrtle, <i>Melaleuca nematophylla</i> Craven. <i>Conservation Genetics Resources</i> , 2014, 6, 439-441.	0.8	1
230	Isolation and characterization of 11 microsatellite loci in the short-range endemic shrub <i>Grevillea georgeana</i> McGill (Proteaceae). <i>Conservation Genetics Resources</i> , 2014, 6, 221-222.	0.8	1
231	Characterisation of microsatellite DNA markers for <i>Grevillea globosa</i> C. A. Gardner. <i>Conservation Genetics Resources</i> , 2014, 6, 689-691.	0.8	1
232	Characterisation of microsatellite DNA markers for <i>Mirbelia bursarioides</i> A.M.Monro & Crisp ms.. <i>Conservation Genetics Resources</i> , 2014, 6, 693-695.	0.8	1
233	Isolation and characterization of 11 microsatellite primer pairs for the southwest Australian forest understorey species <i>Kennedia coccinea</i> (Fabaceae: Phaseoleae). <i>Conservation Genetics Resources</i> , 2014, 6, 777-779.	0.8	1
234	Plant mating system dynamics in restoration: a comparison of restoration and remnant populations of <i>Hakea laurina</i> (Proteaceae). <i>Restoration Ecology</i> , 2022, 30, .	2.9	1

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236	An integrated genetic approach to provenancing and establishment of founding individuals for restoration in the semiarid midwest region of Western Australia. <i>Australian Journal of Botany</i> , 2019, 67, 218.	0.6	0
237	Corrigendum to: Defining entities in the <i>Acacia saligna</i> (Fabaceae) species complex using a population genetics approach. <i>Australian Journal of Botany</i> , 2011, 59, 507.	0.6	0
238	Effect of genetic relatedness among parents on gain in salt tolerance in progeny of crosses of <i>Eucalyptus occidentalis</i> . <i>Silvae Genetica</i> , 2011, 60, 45-55.	0.8	0
239			