Brad M Potts

List of Publications by Year
in descending order

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281	10,915	36303 51	49909 87
papers	citations	h-index	g-index

283	283	283	8116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A framework for community and ecosystem genetics: from genes to ecosystems. Nature Reviews Genetics, 2006, 7, 510-523.	16.3	911
2	The genome of Eucalyptus grandis. Nature, 2014, 510, 356-362.	27.8	725
3	Climate-adjusted provenancing: a strategy for climate-resilient ecological restoration. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	233
4	Progress in Myrtaceae genetics and genomics: Eucalyptus as the pivotal genus. Tree Genetics and Genomes, 2012, 8, 463-508.	1.6	197
5	PLANT GENETICS AFFECTS ARTHROPOD COMMUNITY RICHNESS AND COMPOSITION: EVIDENCE FROM A SYNTHETIC EUCALYPT HYBRID POPULATION. Evolution; International Journal of Organic Evolution, 2000, 54, 1938-1946.	2.3	178
6	Plant hybrid zones as centers of biodiversity: the herbivore community of two endemic Tasmanian eucalypts. Oecologia, 1994, 97, 481-490.	2.0	165
7	Geographic Patterns of Genetic Variation in Eucalyptus globulus ssp. globulus and a Revised Racial Classification. Australian Journal of Botany, 1999, 47, 237.	0.6	164
8	PLANT HYBRID ZONES AFFECT BIODIVERSITY: TOOLS FOR A GENETIC-BASED UNDERSTANDING OF COMMUNITY STRUCTURE. Ecology, 1999, 80, 416-428.	3.2	157
9	Interspecific hybridization of Eucalyptus: key issues for breeders and geneticists. New Forests, 2004, 27, 115-138.	1.7	151
10	Genetic pollution of native eucalypt gene poolsâ€"identifying the risks. Australian Journal of Botany, 2003, 51, 1.	0.6	142
11	Partitioning and distribution of RAPD variation in a forest tree species, Eucalyptus globulus (Myrtaceae). Heredity, 1995, 74, 628-637.	2.6	125
12	A geographic mosaic of genetic variation within a foundation tree species and its community-level consequences. Ecology, 2009, 90, 1762-1772.	3.2	125
13	Glacial refugia and reticulate evolution: the case of the Tasmanian eucalypts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 275-284.	4.0	118
14	CHLOROPLAST SHARING IN THE TASMANIAN EUCALYPTS. Evolution; International Journal of Organic Evolution, 2001, 55, 703.	2.3	112
15	Higher-level relationships among the eucalypts are resolved by ITS-sequence data. Australian Systematic Botany, 2002, 15, 49.	0.9	110
16	Plasticity of functional traits varies clinally along a rainfall gradient in Eucalyptus tricarpa. Plant, Cell and Environment, 2014, 37, 1440-1451.	5.7	106
17	Parallel evolution of dwarf ecotypes in the forest tree Eucalyptus globulus. New Phytologist, 2007, 175, 370-380.	7.3	105
18	Genetic divergence in forest trees: understanding the consequences of climate change. Functional Ecology, 2014, 28, 22-36.	3.6	105

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19	Genomeâ€wide scans detect adaptation to aridity in a widespread forest tree species. Molecular Ecology, 2014, 23, 2500-2513.	3.9	95
20	A comparative analysis of population structure of a forest tree, Eucalyptus globulus (Myrtaceae), using microsatellite markers and quantitative traits. Tree Genetics and Genomes, 2006, 2, 30-38.	1.6	93
21	Linking plant genotype, plant defensive chemistry and mammal browsing in a Eucalyptus species. Functional Ecology, 2004, 18, 677-684.	3.6	92
22	Chloroplast DNA evidence for reticulate evolution inEucalyptus(Myrtaceae). Molecular Ecology, 1999, 8, 739-751.	3.9	89
23	Chloroplast DNA phylogeography of Eucalyptus globulus. Australian Journal of Botany, 2001, 49, 585.	0.6	87
24	Monitoring forest structure to guide adaptive management of forest restoration: a review of remote sensing approaches. New Forests, 2020, 51, 573-596.	1.7	86
25	Unilateral Cross-Incompatibility in Eucalyptus: the Case of Hybridisation Between E. globulus and E. nitens. Australian Journal of Botany, 1990, 38, 383.	0.6	84
26	Genetic Variation in the Chemical Components ofEucalyptus globulusWood. G3: Genes, Genomes, Genetics, 2011, 1, 151-159.	1.8	81
27	Genetic parameters for growth, wood density and pulp yield in Eucalyptus globulus. Tree Genetics and Genomes, 2009, 5, 291-305.	1.6	77
28	Comparison of contemporary mating patterns in continuous and fragmented Eucalyptus globulus native forests. Molecular Ecology, 2009, 18, 4180-4192.	3.9	77
29	Conservation of Hybrid Plants. Science, 1991, 254, 779-779.	12.6	75
30	Additive and non-additive genetic parameters from clonally replicated and seedling progenies of Eucalyptus globulus. Theoretical and Applied Genetics, 2004, 108, 1113-1119.	3.6	75
31	Mycosphaerella leaf disease: genetic variation in damage to Eucalyptus nitens, Eucalyptus globulus, and their F1 hybrid. Canadian Journal of Forest Research, 1997, 27, 750-759.	1.7	74
32	Genotype by environment interaction for growth of Eucalyptus globulus in Australia. Tree Genetics and Genomes, 2006, 2, 61-75.	1.6	74
33	A comparison of genetic information from open-pollinated and control-pollinated progeny tests in two eucalypt species. Theoretical and Applied Genetics, 1996, 92, 53-63.	3.6	70
34	Age trends in genetic parameters for growth and wood density in Eucalyptus globulus. Tree Genetics and Genomes, 2010, 6, 179-193.	1.6	69
35	ITS Sequence Data Resolve Higher Level Relationships Among the Eucalypts. Molecular Phylogenetics and Evolution, 1999, 12, 215-223.	2.7	68
36	RELATIVE IMPORTANCE OF PLANT ONTOGENY, HOST GENETIC VARIATION, AND LEAF AGE FOR A COMMON HERBIVORE. Ecology, 2003, 84, 1171-1178.	3.2	64

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37	Few Mendelian Genes Underlie the Quantitative Response of a Forest Tree, Eucalyptus globulus, to a Natural Fungal Epidemic. Genetics, 2008, 178, 563-571.	2.9	64
38	Stability of quantitative trait loci for growth and wood properties across multiple pedigrees and environments in E ucalyptus globulus. New Phytologist, 2013, 198, 1121-1134.	7.3	62
39	Chloroplast DNA polymorphism signals complex interspecific interactions in Eucalyptus (Myrtaceae). Australian Systematic Botany, 1998, 11, 25.	0.9	60
40	Maternal and carryover effects on early growth of Eucalyptus globulus. Canadian Journal of Forest Research, 2003, 33, 2108-2115.	1.7	60
41	Variation in volatile leaf oils of the Tasmanian Eucalyptus species II. Subgenus Symphyomyrtus. Biochemical Systematics and Ecology, 1996, 24, 547-569.	1.3	58
42	Microsatellite and morphological analysis ofEucalyptus globuluspopulations. Canadian Journal of Forest Research, 2002, 32, 59-66.	1.7	58
43	An AFLP marker approach to lowerâ€level systematics in Eucalyptus (Myrtaceae). American Journal of Botany, 2008, 95, 368-380.	1.7	58
44	QTL influencing growth and wood properties in Eucalyptus globulus. Tree Genetics and Genomes, 2009, 5, 713-722.	1.6	58
45	Effect of limited water availability on foliar plant secondary metabolites of two Eucalyptus species. Environmental and Experimental Botany, 2014, 105, 55-64.	4.2	58
46	Genetic control of interactions among individuals: contrasting outcomes of indirect genetic effects arising from neighbour disease infection and competition in a forest tree. New Phytologist, 2013, 197, 631-641.	7.3	57
47	Patterns of Reproductive Isolation inEucalyptusâ€”A Phylogenetic Perspective. Molecular Biology and Evolution, 2015, 32, 1833-1846.	8.9	56
48	Genetic diversity and structure of the Australian flora. Diversity and Distributions, 2017, 23, 41-52.	4.1	56
49	Pollen dispersal from exotic eucalypt plantations. Conservation Genetics, 2005, 6, 253-257.	1.5	54
50	Detection and visualization of spatial genetic structure in continuous Eucalyptus globulus forest. Molecular Ecology, 2006, 16, 697-707.	3.9	54
51	Genetic parameters of intra- and inter-specific hybrids of Eucalyptus globulus and E. nitens. Tree Genetics and Genomes, 2008, 4, 445-460.	1.6	54
52	Recurrent nuclear DNA introgression accompanies chloroplast DNA exchange between two eucalypt species. Molecular Ecology, 2010, 19, 1367-1380.	3.9	54
53	Genetic variation in the susceptibility of Eucalyptus globulus to drought damage. Tree Genetics and Genomes, 2012, 8, 757-773.	1.6	54
54	The rare silver gum, Eucalyptus cordata, is leaving its trace in the organellar gene pool of Eucalyptus globulus. Molecular Ecology, 2004, 13, 3751-3762.	3.9	53

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55	Genetic Control of Reproductive and Vegetative Phase Change in the Eucalyptus risdonii - E. tenuiramis Complex. Australian Journal of Botany, 1998, 46, 45.	0.6	52
56	Genetic resistance of Eucalyptus globulus to autumn gum moth defoliation and the role of cuticular waxes. Canadian Journal of Forest Research, 2002, 32, 1961-1969.	1.7	52
57	F1 hybrid inviability in Eucalyptus: the case of E. ovataâ€‰Ã—â€‰E. globulus. Heredity, 2000, 85, 242-250.	2.6	50
58	Effects of nutrient variability on the genetic-based resistance of Eucalyptus globulus to a mammalian herbivore and on plant defensive chemistry. Oecologia, 2005, 142, 597-605.	2.0	50
59	Genetic variation inEucalyptus globulusfor susceptibility toMycosphaerella nubilosaand its association with tree growth. Australasian Plant Pathology, 2005, 34, 11.	1.0	50
60	Genetic parameters for lignin, extractives and decay inEucalyptus globulus. Annals of Forest Science, 2006, 63, 813-821.	2.0	50
61	Evidence for different QTL underlying the immune and hypersensitive responses of Eucalyptus globulus to the rust pathogen Puccinia psidii. Tree Genetics and Genomes, 2016, 12, 1.	1.6	50
62	Maternal inheritance of the chloroplast genome inEucalyptus globulusand interspecific hybrids. Genome, 2001, 44, 831-835.	2.0	49
63	High synteny and colinearity among Eucalyptus genomes revealed by high-density comparative genetic mapping. Tree Genetics and Genomes, 2012, 8, 339-352.	1.6	49
64	Genomic Research in Eucalyptus. Genetica, 2005, 125, 79-101.	1.1	48
65	Stiffness and checking of Eucalyptus nitens sawn boards: genetic variation and potential for genetic improvement. Tree Genetics and Genomes, 2010, 6, 757-765.	1.6	48
66	The swift parrot Lathamus discolor (Psittacidae), social bees (Apidae), and native insects as pollinators of Eucalyptus globulus ssp. globulus (Myrtaceae). Australian Journal of Botany, 2004, 52, 371.	0.6	47
67	Self-incompatibility in Eucalyptus globulus ssp. globulus (Myrtaceae). Australian Journal of Botany, 2002, 50, 365.	0.6	46
68	Factors affecting variation in outcrossing rate in Eucalyptus globulus. Australian Journal of Botany, 2004, 52, 773.	0.6	46
69	A latitudinal cline in disease resistance of a host tree. Heredity, 2013, 110, 372-379.	2.6	46
70	Genetic control of coppice and lignotuber development in Eucalyptus globulus. Australian Journal of Botany, 2003, 51, 57.	0.6	45
71	Assessing the invasive potential of Eucalyptus globulus in Australia: quantification of wildling establishment from plantations. Biological Invasions, 2013, 15, 2763-2781.	2.4	43
72	Determination of the Syringyl/Guaiacyl Ratio ofEucalyptus GlobulusWood Lignin by near Infrared-Based Partial Least Squares Regression Models Using Analytical Pyrolysis as the Reference Method. Journal of Near Infrared Spectroscopy, 2011, 19, 343-348.	1.5	42

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73	Variation in leaf waxes of the Tasmanian Eucalyptus speciesâ€"I. Subgenus Symphyomyrtus. Biochemical Systematics and Ecology, 1997, 25, 631-657.	1.3	41
74	Evolutionary history shapes the susceptibility of an island tree flora to an exotic pathogen. Forest Ecology and Management, 2016, 368, 183-193.	3.2	41
75	Fine-scale Genetic Structure of Eucalyptus globulus ssp. globulus Forest Revealed by RAPDs. Australian Journal of Botany, 1998, 46, 583.	0.6	39
76	The risk of pollen-mediated gene flow from exotic Corymbia plantations into native Corymbia populations in Australia. Forest Ecology and Management, 2008, 256, 1-19.	3.2	39
77	How does ontogeny in a Eucalyptus species affect patterns of herbivory by Brushtail Possums?. Functional Ecology, 2006, 20, 982-988.	3.6	38
78	Assessing the risk of pollen-mediated gene flow from exotic Eucalyptus globulus plantations into native eucalypt populations of Australia. Biological Conservation, 2008, 141, 896-907.	4.1	38
79	Application of the IML Resistograph to the infield assessment of basic density in plantation eucalypts. Australian Forestry, 2018, 81, 177-185.	0.9	38
80	The effects of age and environment on the expression of inbreeding depression in Eucalyptus globulus. Heredity, 2011, 107, 50-60.	2.6	37
81	Quantitative trait loci for foliar terpenes in a global eucalypt species. Tree Genetics and Genomes, 2011, 7, 485-498.	1.6	37
82	Climate adaptation and ecological restoration in eucalypts. Proceedings of the Royal Society of Victoria, 2016, 128, 40.	0.4	37
83	In Vitro Germination of Eucalyptus Pollen: Response to Variation in Boric Acid and Sucrose. Australian Journal of Botany, 1989, 37, 429.	0.6	36
84	Susceptibility of Eucalyptus globulus ssp. globulus to sawfly (Perga affinis ssp. insularis) attack and its potential impact on plantation productivity. Forest Ecology and Management, 2002, 160, 189-199.	3.2	36
85	Effects of domestication on genetic diversity in Eucalyptus globulus. Forest Ecology and Management, 2006, 234, 78-84.	3.2	36
86	Biodiversity Consequences of Genetic Variation in Bark Characteristics within a Foundation Tree Species. Conservation Biology, 2009, 23, 1146-1155.	4.7	36
87	Genetic Control of Heterochrony in Eucalyptus globulus. G3: Genes, Genomes, Genetics, 2014, 4, 1235-1245.	1.8	36
88	Genetic-based interactions among tree neighbors: identification of the most influential neighbors, and estimation of correlations among direct and indirect genetic effects for leaf disease and growth in Eucalyptus globulus. Heredity, 2017, 119, 125-135.	2.6	36
89	Gene flow between introduced and native Eucalyptus species. New Forests, 2002, 23, 177-191.	1.7	35
90	Genetic variation in Eucalyptus nitens pulpwood and wood shrinkage traits. Tree Genetics and Genomes, 2009, 5, 307-316.	1.6	35

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91	Evidence for local climate adaptation in early-life traits of Tasmanian populations of Eucalyptus pauciflora. Tree Genetics and Genomes, 2015, 11, 1.	1.6	35
92	Gene flow between introduced and native Eucalyptus species: exotic hybrids are establishing in the wild. Australian Journal of Botany, 2003, 51, 429.	0.6	34
93	Quantitative trait loci for key defensive compounds affecting herbivory of eucalypts in Australia. New Phytologist, 2008, 178, 846-851.	7.3	34
94	Genome-wide scans reveal cryptic population structure in a dry-adapted eucalypt. Tree Genetics and Genomes, 2015, 11, 1.	1.6	34
95	A reference linkage map for Eucalyptus. BMC Genomics, 2012, 13, 240.	2.8	33
96	Multiple evolutionary processes drive the patterns of genetic differentiation in a forest tree species complex. Ecology and Evolution, 2013, 3, 1-17.	1.9	33
97	A footprint of treeâ€genetics on the biota of the forest floor. Oikos, 2009, 118, 1917-1923.	2.7	32
98	Molecular genetic variation in a widespread forest tree species Eucalyptus obliqua (Myrtaceae) on the island of Tasmania. Australian Journal of Botany, 2011, 59, 226.	0.6	32
99	Stability of Plant Defensive Traits Among Populations in Two Eucalyptus Species Under Elevated Carbon Dioxide. Journal of Chemical Ecology, 2012, 38, 204-212.	1.8	32
100	Evidence for adaptation and acclimation in a widespread eucalypt of semi-arid Australia. Biological Journal of the Linnean Society, 2017, 121, 484-500.	1.6	32
101	Inbreeding depression and differential maladaptation shape the fitness trajectory of two co-occurring Eucalyptus species. Annals of Forest Science, 2019, 76, 1.	2.0	32
102	Early Ovule Development Following Self- and Cross-pollinations in Eucalyptus globulus Labill. ssp. globulus. Annals of Botany, 2002, 89, 613-620.	2.9	31
103	Promotion of flowering in Eucalyptus nitens by paclobutrazol was enhanced by nitrogen fertilizer. Canadian Journal of Forest Research, 2003, 33, 74-81.	1.7	31
104	Detection and stability of quantitative trait loci (QTL) in Eucalyptus globulus. Tree Genetics and Genomes, 2007, 4, 85-95.	1.6	31
105	Effects of inbreeding on population mean performance and observational variances in Eucalyptus globulus. Annals of Forest Science, 2010, 67, 605-605.	2.0	31
106	Chemical Variation in a Dominant Tree Species: Population Divergence, Selection and Genetic Stability across Environments. PLoS ONE, 2013, 8, e58416.	2.5	31
107	Testing single visit pollination procedures forEucalyptus globulusandE. nitens. Australian Forestry, 1999, 62, 346-352.	0.9	30
108	Constitutive or induced defences - how does Eucalyptus globulus defend itself from larval feeding?. Chemoecology, 2007, 17, 235-243.	1.1	30

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109	Genetic variation and parental performance under inbreeding for growth in Eucalyptus globulus. Annals of Forest Science, 2010, 67, 606-606.	2.0	30
110	Pollen tube growth and early ovule development following self- and cross-pollination in Eucalyptus nitens. Sexual Plant Reproduction, 2003, 16, 59-69.	2.2	29
111	Pollination services provided by various size classes of flower visitors to Eucalyptus globulus ssp. globulus (Myrtaceae). Australian Journal of Botany, 2004, 52, 353.	0.6	29
112	Genetic control of kraft pulp yield inEucalyptus globulus. Canadian Journal of Forest Research, 2010, 40, 917-927.	1.7	29
113	Epistasis causes outbreeding depression in eucalypt hybrids. Tree Genetics and Genomes, 2012, 8, 249-265.	1.6	29
114	High density, genome-wide markers and intra-specific replication yield an unprecedented phylogenetic reconstruction of a globally significant, speciose lineage of Eucalyptus. Molecular Phylogenetics and Evolution, 2016, 105, 63-85.	2.7	29
115	From Drones to Phenotype: Using UAV-LiDAR to Detect Species and Provenance Variation in Tree Productivity and Structure. Remote Sensing, 2020, 12, 3184.	4.0	29
116	A Paedomorphocline in Eucalyptus: Natural Variation in the E. risdonii/E. tenuiramis Complex. Australian Journal of Botany, 1991, 39, 545.	0.6	28
117	Genetic diversity and mating system of an endangered tree Eucalyptus morrisbyi. Australian Journal of Botany, 2005, 53, 367.	0.6	28
118	Gene flow between introduced and native Eucalyptus species: Flowering asynchrony as a barrier to F1 hybridisation between exotic E. nitens and native Tasmanian Symphyomyrtus species. Forest Ecology and Management, 2006, 226, 9-21.	3.2	28
119	Parental and Consensus Linkage Maps of Eucalyptus globulus Using AFLP and Microsatellite Markers. Silvae Genetica, 2006, 55, 202-217.	0.8	28
120	Genomic Scans across Three Eucalypts Suggest that Adaptation to Aridity is a Genome-Wide Phenomenon. Genome Biology and Evolution, 2017, 9, 253-265.	2.5	27
121	Origine et diversitÃ© gÃ©nÃ©tique de la race locale portugaise dâ€™Eucalyptus globulus. Annals of Forest Science, 2007, 64, 639-647.	2.0	26
122	Stability of Genetic-Based Defensive Chemistry Across Life Stages in a Eucalyptus Species. Journal of Chemical Ecology, 2007, 33, 1876-1884.	1.8	26
123	Achievements in forest tree improvement in Australia and New Zealand 9. Genetic improvement ofEucalyptus nitensin Australia. Australian Forestry, 2008, 71, 82-93.	0.9	26
124	Long-term realised and projected growth impacts caused by autumn gum moth defoliation of 2-year-old Eucalyptus nitens plantation trees in Tasmania, Australia. Forest Ecology and Management, 2009, 258, 1896-1903.	3.2	26
125	The potential for gene flow from exotic eucalypt plantations into Australia's rare native eucalypts. Forest Ecology and Management, 2010, 260, 2079-2087.	3.2	26
126	Genetic control of flowering time in Eucalyptus globulus ssp. globulus. Tree Genetics and Genomes, 2011, 7, 1209-1218.	1.6	26

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127	Phylogeny Explains Variation in The Root Chemistry of Eucalyptus Species. Journal of Chemical Ecology, 2016, 42, 1086-1097.	1.8	26
128	Integrating climate change and habitat fragmentation to identify candidate seed sources for ecological restoration. Restoration Ecology, 2017, 25, 524-531.	2.9	26
129	Inheritance of freezing resistance in interspecific F1 hybrids of Eucalyptus. Theoretical and Applied Genetics, 1991, 83, 126-135.	3.6	25
130	Advances in reproductive biology and seed production systems ofEucalyptus: the case ofEucalyptus globulus. Southern Forests, 2008, 70, 145-154.	0.7	25
131	Comparative genomics of Eucalyptus and Corymbia reveals low rates of genome structural rearrangement. BMC Genomics, 2017, 18, 397.	2.8	25
132	Determination of Eucalyptus Globulus Wood Extractives Content by near Infrared-Based Partial Least Squares Regression Models: Comparison between Extraction Procedures. Journal of Near Infrared Spectroscopy, 2012, 20, 275-285.	1.5	24
133	Responses to mild water deficit and rewatering differ among secondary metabolites but are similar among provenances withinEucalyptusspecies. Tree Physiology, 2016, 36, tpv106.	3.1	24
134	Genome-wide variation in recombination rate in Eucalyptus. BMC Genomics, 2016, 17, 590.	2.8	24
135	Maternal inheritance of the chloroplast genome in Eucalyptus globulus and interspecific hybrids. Genome, 2001, 44, 831-835.	2.0	24
136	Susceptibility of Eucalyptus globulus to Mnesampela privata defoliation in relation to a specific foliar wax compound. Chemoecology, 2004, 14, 157.	1.1	23
137	Advances in pollination techniques for large-scale seed production in Eucalyptusglobulus. Australian Journal of Botany, 2004, 52, 781.	0.6	23
138	Genetic control of cuticular wax compounds in Eucalyptus globulus. New Phytologist, 2016, 209, 202-215.	7.3	23
139	Genetic variation in Eucalyptus globulus in relation to susceptibility from attack by the southern eucalypt leaf beetle, Chrysophtharta agricola. Australian Journal of Botany, 2004, 52, 747.	0.6	23
140	Restriction Fragment Length Polymorphisms in Chloroplast DNA From Six Species of Eucalyptus. Australian Journal of Botany, 1991, 39, 399.	0.6	22
141	Inheritance Of Resistance to Mammalian Herbivores and of Plant Defensive Chemistry in an Eucalyptus Species. Journal of Chemical Ecology, 2005, 31, 357-375.	1.8	22
142	Possum browsingâ€"the downside to a eucalypt hybrid developed for frost tolerance in plantation forestry. Forest Ecology and Management, 2002, 157, 231-245.	3.2	21
143	Genetic and environmental variation in wood properties of Acacia melanoxylon. Annals of Forest Science, 2011, 68, 1363-1373.	2.0	21
144	Acoustic Wave Velocity as a Selection Trait in Eucalyptus nitens. Forests, 2014, 5, 744-762.	2.1	21

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145	Molecular genetic diversity and population structure in Eucalyptus pauciflora subsp. pauciflora (Myrtaceae) on the island of Tasmania. Australian Journal of Botany, 2014, 62, 175.	0.6	21
146	Pests, diseases, and aridity have shaped the genome of Corymbia citriodora. Communications Biology, 2021, 4, 537.	4.4	21
147	Discrimination between seedlings of Eucalyptus globulus, E. nitens and their F1 hybrid using near-infrared reflectance spectroscopy and foliar oil content. Silvae Genetica, 2008, 57, 262-269.	0.8	20
148	Paternal and maternal effects on the response of seed germination to high temperatures in Eucalyptus globulus. Annals of Forest Science, 2012, 69, 673-679.	2.0	20
149	Genomic patterns of species diversity and divergence in Eucalyptus. New Phytologist, 2015, 206, 1378-1390.	7.3	20
150	Variation in the Eucalyptus gunnii-archeri Complex. I. Variation in the Adult Phenotype. Australian Journal of Botany, 1985, 33, 337.	0.6	20
151	Embedding genetics experiments in restoration to guide plant choice for a degraded landscape with a changing climate. Ecological Management and Restoration, 2021, 22, 92-105.	1.5	20
152	THE EVOLUTIONARY SIGNIFICANCE OF HYBRIDIZATION IN EUCALYPTUS. Evolution; International Journal of Organic Evolution, 1990, 44, 2151-2152.	2.3	19
153	Gene flow between introduced and native Eucalyptus species: crossability of native Tasmanian species with exotic E. nitens. Australian Journal of Botany, 2005, 53, 465.	0.6	19
154	Population and phylogenetic analysis of the cinnamoyl coA reductase gene in Eucalyptus globulus (Myrtaceae). Australian Journal of Botany, 2005, 53, 827.	0.6	19
155	Microsatellite and cpDNA variation in island and mainland populations of a regionally rare eucalypt, Eucalyptus perriniana (Myrtaceae). Australian Journal of Botany, 2007, 55, 513.	0.6	19
156	On the persistence of reproductive barriers inEucalyptus: the bridging of mechanical barriers to zygote formation byF₁hybrids is counteracted by intrinsic post-zygotic incompatibilities. Annals of Botany, 2016, 118, 431-444.	2.9	19
157	Understanding the naturalization of Eucalyptus globulus in Portugal: a comparison with Australian plantations. European Journal of Forest Research, 2017, 136, 433-446.	2.5	19
158	Temperature and Rainfall Are Separate Agents of Selection Shaping Population Differentiation in a Forest Tree. Forests, 2019, 10, 1145.	2.1	19
159	Comparison of host susceptibilities to native and exotic pathogens provides evidence for pathogenâ€imposed selection in forest trees. New Phytologist, 2019, 221, 2261-2272.	7.3	19
160	Population Divergence along a Genetic Line of Least Resistance in the Tree Species Eucalyptus globulus. Genes, 2020, 11, 1095.	2.4	19
161	Pollinators in seed orchards of Eucalyptus nitens (Myrtaceae). Australian Journal of Botany, 2004, 52, 209.	0.6	19
162	Response of Eucalyptus nitens seedlings to gibberellin biosynthesis inhibitors. Plant Growth Regulation, 1999, 27, 125-129.	3.4	18

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163	Gene flow between introduced and native Eucalyptus species: Early-age selection limits invasive capacity of exotic E. ovataÃ—nitens F1 hybrids. Forest Ecology and Management, 2006, 228, 206-214.	3.2	18
164	The genetic variation in the timing of heteroblastic transition in Eucalyptus globulus is stable across environments. Australian Journal of Botany, 2011, 59, 170.	0.6	18
165	Life cycle expression of inbreeding depression in Eucalyptus regnans and inter-generational stability of its mixed mating system. Annals of Botany, 2019, 124, 179-187.	2.9	18
166	Pollinator activity can explain variation in outcrossing rates within individual trees. Austral Ecology, 2005, 30, 319-324.	1.5	17
167	The effect of tree spacing on the production of flowers in Eucalyptus nitens. Australian Forestry, 2006, 69, 299-304.	0.9	17
168	Patterns of longitudinal within-tree variation in pulpwood and solidwood traits differ among Eucalyptus globulus genotypes. Annals of Forest Science, 2007, 64, 831-837.	2.0	17
169	Sources of variation in self-incompatibility in the Australian forest tree, Eucalyptus globulus. Annals of Botany, 2010, 105, 737-745.	2.9	17
170	Annotation of the Corymbia terpene synthase gene family shows broad conservation but dynamic evolution of physical clusters relative to Eucalyptus. Heredity, 2018, 121, 87-104.	2.6	17
171	Shifts in Species Interactions Due to the Evolution of Functional Differences between Endemics and Non-Endemics: An Endemic Syndrome Hypothesis. PLoS ONE, 2014, 9, e111190.	2.5	17
172	Eucalypt seed collectors: beware of sampling seedlots from low in the canopy!. Australian Forestry, 2001, 64, 139-142.	0.9	16
173	Effect of forest fragmentation and altitude on the mating system of Eucalyptus pauciflora (Myrtaceae). Australian Journal of Botany, 2013, 61, 622.	0.6	16
174	Influence of site, storage and steaming on Eucalyptus nitens log-end splitting. Annals of Forest Science, 2016, 73, 257-266.	2.0	16
175	Phylogeny is a powerful tool for predicting plant biomass responses to nitrogen enrichment. Ecology, 2017, 98, 2120-2132.	3.2	16
176	Pollen competition does not affect the success of self-pollination in Eucalyptus globulus (Myrtaceae). Australian Journal of Botany, 2003, 51, 189.	0.6	16
177	Eucalypt breeding in France. Australian Forestry, 1986, 49, 210-218.	0.9	15
178	Phosphorus fertiliser can induce earlier vegetative phase change in Eucalyptus nitens. Australian Journal of Botany, 2004, 52, 281.	0.6	15
179	Genetic variation of Eucalyptus globulus in relation to autumn gum moth Mnesampela privata (Lepidoptera: Geometridae) oviposition preference. Forest Ecology and Management, 2004, 194, 169-175.	3.2	15
180	Eucalypts. , 2007, , 115-160.		15

#	Article	IF	Citations
181	Application of resistance drilling to genetic studies of growth, wood basic density and bark thickness inEucalyptus globulus. Australian Forestry, 2020, 83, 172-179.	0.9	15
182	Incongruence between chloroplast and species phylogenies in Eucalyptus subgenus Monocalyptus (Myrtaceae). American Journal of Botany, 1999, 86, 1038-46.	1.7	15
183	Eucalypt hybrid susceptibility to Gonipterus scutellatus (Coleoptera: Curculionidae). Austral Ecology, 2003, 28, 70-74.	1.5	14
184	Genetic structure of aMycosphaerella crypticapopulation. Australasian Plant Pathology, 2005, 34, 345.	1.0	14
185	Non-lethal strategies to reduce browse damage in eucalypt plantations. Forest Ecology and Management, 2009, 259, 45-55.	3.2	14
186	Genetic variation in traits affecting sawn timber recovery in plantation-grown Eucalyptus nitens. Annals of Forest Science, 2011, 68, 1187.	2.0	14
187	Genetic improvement for pulpwood and peeled veneer in Eucalyptus nitens. Canadian Journal of Forest Research, 2012, 42, 1724-1732.	1.7	14
188	Assessing genetic variation to improve stem straightness in Eucalyptus globulus. Annals of Forest Science, 2013, 70, 461-470.	2.0	14
189	Heterosis May Result in Selection Favouring the Products of Long-Distance Pollen Dispersal in Eucalyptus. PLoS ONE, 2014, 9, e93811.	2.5	14
190	Assessing the risk of exotic gene flow from Eucalyptus globulus plantations to native E. ovata forests. Forest Ecology and Management, 2014, 312, 193-202.	3.2	14
191	Population divergence in the ontogenetic trajectories of foliar terpenes of a Eucalyptus species. Annals of Botany, 2015, 115, 159-170.	2.9	14
192	Association of Eucalyptus globulus leaf anatomy with susceptibility to Teratosphaeria leaf disease. Forest Pathology, 2018, 48, e12395.	1.1	14
193	Post-pollination capsule development in Eucalyptus globulus seed orchards. Australian Journal of Botany, 2008, 56, 51.	0.6	14
194	The origin of Eucalyptus vernicosa, a unique shrub eucalypt. Biological Journal of the Linnean Society, 2001, 74, 397-405.	1.6	13
195	A community and ecosystem genetics approach to conservation biology and management. , 0, , 50-73.		13
196	Genetic analysis of the near-infrared spectral phenome of a global Eucalyptus species. Tree Genetics and Genomes, 2013, 9, 943-959.	1.6	13
197	Genetic control of Eucalyptus globulus harvest traits. Canadian Journal of Forest Research, 2015, 45, 615-624.	1.7	13
198	Evidence that divergent selection shapes a developmental cline in a forest tree species complex. Annals of Botany, 2018, 122, 181-194.	2.9	13

#	Article	IF	Citations
199	Stability of genetic effects across clonal and seedling populations of Eucalyptus globulus with common parentage. Forest Ecology and Management, 2013, 291, 427-435.	3.2	12
200	Factors affecting log traits and green rotary-peeled veneer recovery from temperate eucalypt plantations. Annals of Forest Science, 2015, 72, 357-365.	2.0	12
201	Survival and recovery of Eucalyptus globulus seedlings from severe defoliation. Forest Ecology and Management, 2016, 379, 243-251.	3.2	12
202	Radial variation in modulus of elasticity, microfibril angle and wood density of veneer logs from plantation-grown Eucalyptus nitens. Annals of Forest Science, 2020, 77, 1.	2.0	12
203	A Paedomorphocline in Eucalyptus. II. Variation in Seedling Morphology in the E. risdonii/E. tenuiramis Complex. Australian Journal of Botany, 1992, 40, 789.	0.6	12
204	Microsatellite Based Paternity Analysis in a Clonal Eucalyptus nitens Seed Orchard. Silvae Genetica, 2010, 59, 57-62.	0.8	12
205	The origin of Eucalyptus vernicosa, a unique shrub eucalypt. Biological Journal of the Linnean Society, 2001, 74, 397-405.	1.6	11
206	Oviposition by autumn gum moth (Mnesampela privata) in relation to Eucalyptus globulus defoliation, larval performance and natural enemies. Agricultural and Forest Entomology, 2004, 6, 205-213.	1.3	11
207	Inheritance Of Resistance To Mammalian Herbivores and Of Plant Defensive Chemistry In A Eucalyptus Species. Journal of Chemical Ecology, 2005, 31, 519-537.	1.8	11
208	Phylogenetic positioning of anomalous eucalypts by using ITS sequence data. Australian Systematic Botany, 2007, 20, 402.	0.9	11
209	A microsatellite study on outcrossing rates and contamination in an Eucalyptus globulus breeding arboretum. Journal of Forestry Research, 2008, 19, 136-140.	3.6	11
210	Genetic correlations between pulpwood and solid-wood selection and objective traits in Eucalyptus globulus. Annals of Forest Science, 2010, 67, 511-511.	2.0	11
211	Quantifying phenotypic variation in wood colour in Acacia melanoxylon R.Br.. Forestry, 2010, 83, 153-162.	2.3	11
212	Independent lines of evidence of a genetic relationship between acoustic wave velocity and kraft pulp yield in Eucalyptus globulus. Annals of Forest Science, 2017, 74, 1.	2.0	11
213	Independent QTL underlie resistance to the native pathogen Quambalaria pitereka and the exotic pathogen Austropuccinia psidii in Corymbia. Tree Genetics and Genomes, 2019, 15, 1.	1.6	11
214	Stability of species and provenance performance when translocated into different community assemblages. Restoration Ecology, 2020, 28, 447-458.	2.9	11
215	Quantitative Genetic Variation in Bark Stripping of Pinus radiata. Forests, 2020, 11, 1356.	2.1	11
216	Expansion of the rareEucalyptus risdoniiunder climate change through hybridization with a closely related species despite hybrid inferiority. Annals of Botany, 2022, 129, 1-14.	2.9	11

#	Article	IF	Citations
217	Susceptibility of someEucalyptusspecies and their hybrids to possum damage. Australian Forestry, 2002, 65, 23-30.	0.9	10
218	Unravelling the evolutionary history of Eucalyptus cordata (Myrtaceae) using molecular markers. Australian Journal of Botany, 2014, 62, 114.	0.6	10
219	Genetic correlations among pulpwood and solid-wood selection traits in Eucalyptus globulus. New Forests, 2020, 51, 137-158.	1.7	10
220	Independent genetic control of drought resistance, recovery, and growth of Eucalyptus globulus seedlings. Plant, Cell and Environment, 2020, 43, 103-115.	5.7	10
221	Additive genetic variation in Pinus radiata bark chemistry and the chemical traits associated with variation in mammalian bark stripping. Heredity, 2021, 127, 498-509.	2.6	10
222	Gene Flow Between Introduced and Native Eucalyptus Species: Morphological Analysis of Tri-Species and Backcross Hybrids Involving E. nitens. Silvae Genetica, 2007, 56, 127-133.	0.8	9
223	Expression of a FLOWERING LOCUS T homologue is temporally associated with annual flower bud initiation in Eucalyptus globulus subsp. globulus (Myrtaceae). Australian Journal of Botany, 2011, 59, 756.	0.6	9
224	Genetic control of Eucalyptus globulus seed germination. Annals of Forest Science, 2015, 72, 457-467.	2.0	9
225	The Extended Community-Level Effects of Genetic Variation in Foliar Wax Chemistry in the Forest Tree Eucalyptus globulus. Journal of Chemical Ecology, 2017, 43, 532-542.	1.8	9
226	The effect of management operations on the demography of Eucalyptus globulus seedlings. Forest Ecology and Management, 2019, 453, 117630.	3.2	9
227	Effectiveness of repellents for reducing damage to eucalypt seedlings by browsing mammals. Australian Forestry, 2008, 71, 303-310.	0.9	8
228	Genetic control in the survival, growth and form of Acacia melanoxylon. New Forests, 2010, 39, 139-156.	1.7	8
229	Repellent and stocking guards reduce mammal browsing in eucalypt plantations. New Forests, 2011, 42, 301-316.	1.7	8
230	QTL analysis for growth and wood properties across multiple pedigrees and sites in Eucalyptus globulus. BMC Proceedings, 2011, 5, .	1.6	8
231	Short-term responses of native rodents to aggregated retention in old growth wet Eucalyptus forests. Forest Ecology and Management, 2012, 267, 18-27.	3.2	8
232	Mammalian herbivores reveal marked genetic divergence among populations of an endangered plant species. Oikos, 2012, 121, 268-276.	2.7	8
233	Assessing a Bayesian Approach for Detecting Exotic Hybrids between Plantation and Native Eucalypts. International Journal of Forestry Research, 2014, 2014, 1-13.	0.8	8
234	Direct and indirect effects of marsupial browsing on a foundation tree species. Oikos, 2015, 124, 515-524.	2.7	8

#	Article	IF	Citations
235	Soil fungi underlie a phylogenetic pattern in plant growth responses to nitrogen enrichment. Journal of Ecology, 2018, 106, 2161-2175.	4.0	8
236	Genome-wide association study of myrtle rust (Austropuccinia psidii) resistance in Eucalyptus obliqua (subgenus Eucalyptus). Tree Genetics and Genomes, 2021, 17, 1.	1.6	8
237	Modelling wood property variation among Tasmanian Eucalyptus nitens plantations. Forest Ecology and Management, 2021, 491, 119203.	3.2	8
238	Stability of Outcrossing Rates in Eucalyptus globulus Seedlots. Silvae Genetica, 2004, 53, 42-44b.	0.8	8
239	Maternal inheritance of the chloroplast genome in Eucalyptus globulus and interspecific hybrids. Genome, 2001, 44, 831-5.	2.0	8
240	The Evolutionary Significance of Hybridization in Eucalyptus. Evolution; International Journal of Organic Evolution, 1990, 44, 2151.	2.3	7
241	Genetic and environmental variation in heartwood colour of Australian blackwood (Acacia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.9	7
242	Genetic and Ontogenetic Variation in an Endangered Tree Structures Dependent Arthropod and Fungal Communities. PLoS ONE, 2014, 9, e114132.	2.5	7
243	A water availability gradient reveals the deficit level required to affect traits in potted juvenileEucalyptus globulus. Annals of Botany, 2017, 119, mcw266.	2.9	7
244	Phylogenetic trait conservatism predicts patterns of plantâ€soil feedback. Ecosphere, 2018, 9, e02409.	2.2	7
245	Quantitative Trait Loci (QTLs) for Intumescence Severity inEucalyptus globulusand Validation of QTL Detection Based on Phenotyping Using Open-Pollinated Families of a Mapping Population. Plant Disease, 2018, 102, 1566-1573.	1.4	7
246	PLANT GENETICS AFFECTS ARTHROPOD COMMUNITY RICHNESS AND COMPOSITION: EVIDENCE FROM A SYNTHETIC EUCALYPT HYBRID POPULATION. Evolution; International Journal of Organic Evolution, 2000, 54, 1938.	2.3	6
247	Relative importance of tree genetics and microhabitat on macrofungal biodiversity on coarse woody debris. Oecologia, 2009, 160, 335-342.	2.0	6
248	Field screening for genetic-based susceptibility to mammalian browsing. Forest Ecology and Management, 2011, 262, 1500-1506.	3.2	6
249	Genetic Correlations in Multi-Species Plant/Herbivore Interactions at Multiple Genetic Scales. Advances in Ecological Research, 2014, 50, 267-295.	2.7	6
250	Managing Australiaâ€™s eucalypt gene pools: assessing the risk of exotic gene flow. Proceedings of the Royal Society of Victoria, 2016, 128, 25.	0.4	6
251	Postmating barriers to hybridization between an islandâ€™s native eucalypts and an introduced congener. Tree Genetics and Genomes, 2016, 12, 1.	1.6	6
252	Genetic stability of physiological responses to defoliation in a eucalypt and altered chemical defence in regrowth foliage. Tree Physiology, 2017, 37, 220-235.	3.1	6

#	Article	IF	Citations
253	Forest fire may disrupt plantâ€“microbial feedbacks. Plant Ecology, 2018, 219, 497-504.	1.6	6
254	Geographical patterns of variation in susceptibility of Eucalyptus globulus and Eucalyptus obliqua to myrtle rust. Tree Genetics and Genomes, 2019, 15, 1.	1.6	6
255	Handheld Laser Scanning Detects Spatiotemporal Differences in the Development of Structural Traits among Species in Restoration Plantings. Remote Sensing, 2021, 13, 1706.	4.0	6
256	Leaf Economic and Hydraulic Traits Signal Disparate Climate Adaptation Patterns in Two Co-Occurring Woodland Eucalypts. Plants, 2022, 11, 1846.	3.5	6
257	Corrigendum to: TURNER REVIEW No. 6 Genetic pollution of native eucalypt gene poolsâ€”identifying the risks. Australian Journal of Botany, 2003, 51, 333.	0.6	5
258	The impact of flower density and irrigation on capsule and seed set in Eucalyptus globulus seed orchards. New Forests, 2010, 39, 117-127.	1.7	5
259	Natural selection for anti-herbivore plant secondary metabolites. , 2012, , 10-33.		5
260	Variable patterns of inheritance of ecologically important plant secondary metabolites in an inter-specific eucalypt hybrid. Forest Ecology and Management, 2014, 318, 71-77.	3.2	5
261	Consistent community genetic effects in the context of strong environmental and temporal variation in Eucalyptus. Oecologia, 2021, 195, 367-382.	2.0	5
262	Variation in constitutive and induced chemistry in the needles, bark and roots of young Pinus radiata trees. Trees - Structure and Function, 0, , 1.	1.9	5
263	Investigating constraints on direct seeding for native revegetation in the Tasmanian Midlands. Ecological Management and Restoration, 2021, 22, 106-117.	1.5	5
264	Dry biomass and carbon sequestration in environmental plantings in the Midlands of Tasmania. Ecological Management and Restoration, 2021, 22, 61-64.	1.5	5
265	Morphological and genetic variation in Centrolepis paludicola and C. monogyna (Centrolepidaceae). Australian Systematic Botany, 1999, 12, 679.	0.9	4
266	Variation in seedling morphology in the Eucalyptus risdoniiâ€“E. tenuiramis complex. Australian Journal of Botany, 2001, 49, 43.	0.6	4
267	Short Note: The Genetic Correlation Between Air-dried Density and Basic Density in Eucalyptus Nitens Wood Cores. Silvae Genetica, 2008, 57, 210-212.	0.8	4
268	Directional Selection on Tree Seedling Traits Driven by Experimental Drought Differs Between Mesic and Dry Populations. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	4
269	A decade of restoring a temperate woodland: Lessons learned and future directions. Ecological Management and Restoration, 2021, 22, 164-174.	1.5	4
270	Patterns of genomic diversity and linkage disequilibrium across the disjunct range of the Australian forest tree Eucalyptus globulus. Tree Genetics and Genomes, 2022, 18, .	1.6	4

#	Article	IF	Citations
271	The relationship of the female reproductive success of Eucalyptus globulus to the endogenous properties of the flower. Sexual Plant Reproduction, 2009, 22, 37-44.	2.2	3
272	The Effects of Drying Temperature and Method of Assessment on the Expression of Genetic Variation in Gross Shrinkage of Eucalyptus globulus Wood Samples. Silvae Genetica, 2009, 58, 252-261.	0.8	3
273	Chemical Traits that Predict Susceptibility of Pinus radiata to Marsupial Bark Stripping. Journal of Chemical Ecology, 2021, , 1.	1.8	3
274	Climate Adaptation, Drought Susceptibility, and Genomic-Informed Predictions of Future Climate Refugia for the Australian Forest Tree Eucalyptus globulus. Forests, 2022, 13, 575.	2.1	3
275	Effects of Clear Polymer Film on Emergence and Survival of Direct Sown Native Vegetation. Land Degradation and Development, 2017, 28, 2137-2145.	3.9	2
276	Origins, Diversity and Naturalization of Eucalyptus globulus (Myrtaceae) in California. Forests, 2021, 12, 1129.	2.1	2
277	Analysis of the transcriptome of the needles and bark of Pinus radiata induced by bark stripping and methyl jasmonate. BMC Genomics, 2022, 23, 52.	2.8	2
278	Genetic variation of microfibril angle and its relationship with solid wood and pulpwood traits in two progeny trials of Eucalyptus nitens in Tasmania. Holzforschung, 2021, 75, 689-701.	1.9	1
279	R-based image analysis to quantify checking and shrinkage from wood wedges. European Journal of Wood and Wood Products, 2021, 79, 1269-1281.	2.9	1
280	Genetic Variation in Flowering Traits of Tasmanian Leptospermum scoparium and Association with Provenance Home Site Climatic Factors. Plants, 2022, 11, 1029.	3.5	1
281	Genetic control of the operculum and capsule morphology of Eucalyptus globulus. Annals of Botany, 0, , .	2.9	1