William J Foley

List of Publications by Year in descending order

192 papers	10,667 citations	31949 53 h-index	39638 94 g-index
198 all docs	198 docs citations	198 times ranked	9411 citing authors

#	Article	IF	Citations
1	The genome of Eucalyptus grandis. Nature, 2014, 510, 356-362.	13.7	725
2	Ecological applications of near infrared reflectance spectroscopy - a tool for rapid, cost-effective prediction of the composition of plant and animal tissues and aspects of animal performance. Oecologia, 1998, 116, 293-305.	0.9	420
3	Explaining intraspecific diversity in plant secondary metabolites in an ecological context. New Phytologist, 2014, 201, 733-750.	3.5	391
4	Assessing the evidence for latitudinal gradients in plant defence and herbivory. Functional Ecology, 2011, 25, 380-388.	1.7	320
5	Estimating foliage nitrogen concentration from HYMAP data using continuum removal analysis. Remote Sensing of Environment, 2004, 93, 18-29.	4.6	285
6	Protein content of diets dictates the daily energy intake of a free-ranging primate. Behavioral Ecology, 2009, 20, 685-690.	1.0	266
7	The Influence of Plant Secondary Metabolites on the Nutritional Ecology of Herbivorous Terrestrial Vertebrates. Annual Review of Ecology, Evolution, and Systematics, 2005, 36, 169-189.	3.8	236
8	Progress in Myrtaceae genetics and genomics: Eucalyptus as the pivotal genus. Tree Genetics and Genomes, 2012, 8, 463-508.	0.6	197
9	Phloroglucinol compounds of natural origin: Synthetic aspects. Natural Product Reports, 2010, 27, 393.	5.2	186
10	Intraspecific variation in Eucalyptus secondary metabolites determines food intake by folivorous marsupials. Oecologia, 1998, 116, 160-169.	0.9	167
11	Tree use by koalas in a chemically complex landscape. Nature, 2005, 435, 488-490.	13.7	158
12	Putting plant resistance traits on the map: a test of the idea that plants are better defended at lower latitudes. New Phytologist, 2011, 191, 777-788.	3.5	155
13	The effects of elevated CO 2 atmospheres on the nutritional quality of Eucalyptus foliage and its interaction with soil nutrient and light availability. Oecologia, 1997, 109, 59-68.	0.9	144
14	Nutritional Ecology of Ateles chamek in lowland Bolivia: How Macronutrient Balancing Influences Food Choices. International Journal of Primatology, 2009, 30, 675-696.	0.9	143
15	The effects of plant defensive chemistry on nutrient availability predict reproductive success in a mammal. Ecology, 2009, 90, 711-719.	1.5	141
16	FOLIAR CONCENTRATION OF A SINGLE TOXIN CREATES HABITAT PATCHINESS FOR A MARSUPIAL FOLIVORE. Ecology, 2000, 81, 1327-1338.	1.5	131
17	Consequences of biotransformation of plant secondary metabolites on acid-base metabolism in mammalsâ€"A final common pathway?. Journal of Chemical Ecology, 1995, 21, 721-743.	0.9	125
18	The Eucalyptus terpene synthase gene family. BMC Genomics, 2015, 16, 450.	1.2	125

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19	Correlations between physical and chemical defences in plants: tradeoffs, syndromes, or just many different ways to skin a herbivorous cat?. New Phytologist, 2013, 198, 252-263.	3.5	124
20	Conserving koalas: A review of the contrasting regional trends, outlooks and policy challenges. Biological Conservation, 2015, 192, 226-236.	1.9	124
21	Enhanced CO2 alters the relationship between photosynthesis and defence in cyanogenic Eucalyptus cladocalyx F. Muell.. Plant, Cell and Environment, 1998, 21, 12-22.	2.8	122
22	The Detoxification Limitation Hypothesis: Where Did it Come From and Where is it Going?. Journal of Chemical Ecology, 2006, 32, 1247-1266.	0.9	119
23	Nutritional goals of wild primates. Functional Ecology, 2009, 23, 70-78.	1.7	119
24	Restraint Reduction Reduces Serious Injuries Among Nursing Home Residents. Journal of the American Geriatrics Society, 1999, 47, 1202-1207.	1.3	112
25	A simple, integrative assay to quantify nutritional quality of browses for herbivores. Oecologia, 2008, 156, 107-116.	0.9	111
26	Modelling nutritional interactions: from individuals to communities. Trends in Ecology and Evolution, 2010, 25, 53-60.	4.2	111
27	Title is missing!. Journal of Chemical Ecology, 1999, 25, 401-415.	0.9	109
28	Palatability mapping: a koala's eye view of spatial variation in habitat quality. Ecology, 2010, 91, 3165-3176.	1.5	107
29	Use of fibrous diets by small herbivores: How far can the rules be â€˜bentâ€™?. Trends in Ecology and Evolution, 1992, 7, 159-162.	4.2	103
30	Distribution of foliar formylated phloroglucinol derivatives amongst Eucalyptus species. Biochemical Systematics and Ecology, 2000, 28, 813-824.	0.6	99
31	Eucalyptus foliar chemistry explains selective feeding by koalas. Biology Letters, 2005, 1, 64-67.	1.0	99
32	Antiherbivore Chemistry of Eucalyptusâ€”Cues and Deterrents for Marsupial Folivores. Journal of Chemical Ecology, 2004, 30, 1743-1769.	0.9	98
33	Gluconic acid: An antifungal agent produced by Pseudomonas species in biological control of take-all. Phytochemistry, 2006, 67, 595-604.	1.4	95
34	CONFLICTING DEMANDS ON DETOXIFICATION PATHWAYS INFLUENCE HOW COMMON BRUSHTAIL POSSUMS CHOOSE THEIR DIETS. Ecology, 2006, 87, 2103-2112.	1.5	91
35	Plant secondary metabolites and vertebrate herbivores â€“ from physiological regulation to ecosystem function. Current Opinion in Plant Biology, 2005, 8, 430-435.	3.5	88
36	Dugong grazing and turtle cropping: grazing optimization in tropical seagrass systems?. Oecologia, 2006, 149, 635-647.	0.9	87

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37	A molecular perspective on terpene variation in Australian Myrtaceae. Australian Journal of Botany, 2008, 56, 197.	0.3	85
38	Comparative SNP diversity among four Eucalyptus species for genes from secondary metabolite biosynthetic pathways. BMC Genomics, 2009, 10, 452.	1.2	85
39	The molecular basis of quantitative variation in foliar secondary metabolites in Eucalyptus globulus. New Phytologist, 2011, 191, 1041-1053.	3.5	82
40	Differential susceptibility to Eucalyptus secondary compounds explains feeding by the common ringtail (Pseudocheirus peregrinus) and common brushtail possum (Trichosurus vulpecula). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2003, 173, 69-78.	0.7	75
41	Title is missing!. Journal of Chemical Ecology, 1999, 25, 2109-2126.	0.9	72
42	A review of feeding and diet selection in koalas (Phascolarctos cinereus). Australian Journal of Zoology, 2000, 48, 317.	0.6	71
43	Heritable variation in the foliar secondary metabolite sideroxylonal in Eucalyptus confers cross-resistance to herbivores. Oecologia, 2007, 153, 891-901.	0.9	71
44	Phloroglucinol compounds of therapeutic interest: global patent and technology status. Expert Opinion on Therapeutic Patents, 2009, 19, 847-866.	2.4	71
45	Secondary metabolites in Eucalyptus melliodora: field distribution and laboratory feeding choices by a generalist herbivore, the common brushtail possum. Australian Journal of Zoology, 2002, 50, 507.	0.6	65
46	FOLIAR NUTRITION, SITE QUALITY, AND TEMPERATURE INFLUENCE FOLIAR CHEMISTRY OF TALLOWWOOD (EUCALYPTUS MICROCORYS). Ecological Monographs, 2004, 74, 553-568.	2.4	65
47	Home ranges, time budgets and food-tree use in a high-density tropical population of greater gliders, Petauroides volans minor (Pseudocheiridae : Marsupialia). Wildlife Research, 1996, 23, 401.	0.7	64
48	Marker-Based Quantitative Genetics in the Wild?: The Heritability and Genetic Correlation of Chemical Defenses in Eucalyptus. Genetics, 2005, 171, 1989-1998.	1.2	64
49	The evolution of foliar terpene diversity in Myrtaceae. Phytochemistry Reviews, 2014, 13, 695-716.	3.1	60
50	Functional and evolutionary relationships between terpene synthases from Australian Myrtaceae. Phytochemistry, 2010, 71, 844-852.	1.4	59
51	Nitrogen and Energy Retention and Acid-Base Status in the Common Ringtail Possum (Pseudocheirus peregrinus): Evidence of the Effects of Absorbed Allelochemicals. Physiological Zoology, 1992, 65, 403-421.	1.5	58
52	Administration of a 5HT 3 receptor antagonist increases the intake of diets containing Eucalyptus secondary metabolites by marsupials. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1998, 168, 611-618.	0.7	58
53	Passage of Digesta Markers in Two Species of Arboreal Folivorous Marsupials: The Greater Glider (Petauroides volans) and the Brushtail Possum (Trichosurus vulpecula). Physiological Zoology, 1987, 60, 103-113.	1.5	58
54	Near Infrared Spectroscopy in Wildlife and Biodiversity. Journal of Near Infrared Spectroscopy, 2016, 24, 1-25.	0.8	56

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55	DETOXIFICATION RATES CONSTRAIN FEEDING IN COMMON BRUSHTAIL POSSUMS (TRICHOSURUS) Tj ETQq1 1 0.784314 rgBT /Over	1.5	55
56	Metabolic fate of dietary terpenes fromEucalyptus radiata in common ringtail possum (Pseudocheirus) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	52
57	The effects and costs of allelochemicals for mammalian herbivores: an ecological perspective. , 1994, , 370-391.		52
58	Title is missing!. Journal of Chemical Ecology, 1998, 24, 1513-1527.	0.9	52
59	The effect of inactivating tannins on the intake of Eucalyptus foliage by a specialist Eucalyptus folivore (Pseudocheirus peregrinus) and a generalist herbivore (Trichosurus vulpecula). Australian Journal of Zoology, 2003, 51, 31.	0.6	52
60	SPATIAL DISTRIBUTION OF DEFENSE CHEMICALS AND MARKERS AND THE MAINTENANCE OF CHEMICAL VARIATION. Ecology, 2007, 88, 716-728.	1.5	52
61	Food for folivores: nutritional explanations linking diets to population density. Oecologia, 2012, 169, 281-291.	0.9	52
62	Translating nutritional ecology from the laboratory to the field: milestones in linking plant chemistry to population regulation in mammalian browsers. Oikos, 2014, 123, 298-308.	1.2	51
63	Behavioural contributions to the regulated intake of plant secondary metabolites in koalas. Oecologia, 2007, 154, 283-290.	0.9	50
64	The Yield of Essential Oils in Melaleuca alternifolia (Myrtaceae) Is Regulated through Transcript Abundance of Genes in the MEP Pathway. PLoS ONE, 2013, 8, e60631.	1.1	50
65	Genetic and environmental contributions to variation and population divergence in a broad-spectrum foliar defence of Eucalyptus tricarpa. Annals of Botany, 2010, 105, 707-717.	1.4	49
66	Nitrogen Requirements and Urea Metabolism in Two Arboreal Marsupials, the Greater Glider (Petauroides volans) and the Brushtail Possum (Trichosurus vulpecula), Fed Eucalyptus Foliage. Physiological Zoology, 1987, 60, 241-250.	1.5	48
67	The passage of digesta, particle size, and in vitro fermentation rate in the threeâ€toed sloth Bradypus tridactylus (Edentata: Bradypodidae). Journal of Zoology, 1995, 236, 681-696.	0.8	47
68	Characteristics of Arboreal Marsupial Habitat in the Semi-Arid Woodlands of Northern Queensland.. Wildlife Research, 1996, 23, 185.	0.7	47
69	A Biochemical Interpretation of Terpene Chemotypes in Melaleuca alternifolia. Journal of Chemical Ecology, 2010, 36, 652-661.	0.9	47
70	Implications of the large surface area to body mass ratio on the heat balance of the greater glider (Petauroides volans: Marsupialia). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1984, 154, 105-111.	0.7	46
71	Plant secondary metabolites as mammalian feeding deterrents: separating the effects of the taste of salicin from its post-ingestive consequences in the common brushtail possum (Trichosurus vulpecula) Tj ETQq1 1 0.784314 rgBT /Over 170, 185-192.	0.7	46
72	The role of nutrition in the conservation of the marsupial folivores of eucalypt forests. , 2004, , 549-575.		45

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73	The importance of protein in leaf selection of folivorous primates. American Journal of Primatology, 2017, 79, 1-13.	0.8	44
74	Digestion and metabolism of high-tanninEucalyptus foliage by the brushtail possum (Trichosurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Environmental Physiology, 1987, 157, 67-76.	0.7	43
75	Methyl jasmonate does not induce changes in Eucalyptus grandis leaves that alter the effect of constitutive defences on larvae of a specialist herbivore. Oecologia, 2008, 156, 847-859.	0.9	43
76	Differences in gene expression within a striking phenotypic mosaic Eucalyptus tree that varies in susceptibility to herbivory. BMC Plant Biology, 2013, 13, 29.	1.6	43
77	Coping with chemical complexity in mammal-plant interactions: near-infrared spectroscopy as a predictor of Eucalyptus foliar nutrients and of the feeding rates of folivorous marsupials. Oecologia, 2001, 128, 539-548.	0.9	42
78	Sideroxylonal in Eucalyptus foliage influences foraging behaviour of an arboreal folivore. Oecologia, 2006, 147, 272-279.	0.9	42
79	Available and not total nitrogen in leaves explains key chemical differences between the eucalypt subgenera. Forest Ecology and Management, 2010, 260, 814-821.	1.4	42
80	Digestion and absorption ofEucalyptus essential oils in greater glider (Petauroide svolans) and brushtail possum (Trichosurus vulpecula). Journal of Chemical Ecology, 1987, 13, 2115-2130.	0.9	41
81	Identification of quantitative trait loci influencing foliar concentrations of terpenes and formylated phloroglucinol compounds in Eucalyptus nitens. New Phytologist, 2007, 176, 82-95.	3.5	41
82	Foliage Chemistry Influences Tree Choice and Landscape Use of a Gliding Marsupial Folivore. Journal of Chemical Ecology, 2011, 37, 71-84.	0.9	40
83	Faecal inoculations alter the gastrointestinal microbiome and allow dietary expansion in a wild specialist herbivore, the koala. Animal Microbiome, 2019, 1, 6.	1.5	39
84	A phylogenomic approach reveals a low somatic mutation rate in a long-lived plant. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192364.	1.2	39
85	The molecular basis of host plant selection in Melaleuca quinquenervia by a successful biological control agent. Phytochemistry, 2010, 71, 1237-1244.	1.4	38
86	Intraspecific diversity of terpenes of Eucalyptus camaldulensis (Myrtaceae) at a continental scale. Australian Journal of Botany, 2017, 65, 257.	0.3	38
87	The rapid determination of sideroxylonals inEucalyptus foliage by extraction with sonication followed by HPLC. Phytochemical Analysis, 2005, 16, 49-54.	1.2	37
88	Metabolism ofEucalyptusTerpenes by Herbivorous Marsupials. Drug Metabolism Reviews, 1997, 29, 213-218.	1.5	36
89	Role of Volatile and Non-Volatile Plant Secondary Metabolites in Host Tree Selection by Christmas Beetles. Journal of Chemical Ecology, 2011, 37, 286-300.	0.9	36
90	New approaches to tannin analysis of leaves can be used to explain in vitro biological activities associated with herbivore defence. New Phytologist, 2020, 225, 488-498.	3.5	36

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91	How well can common brushtail possums regulate their intake of Eucalyptus toxins?. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2000, 170, 211-218.	0.7	35
92	Microbial digestion in the herbivorous lizard Uromastyx aegyptius (Agamidae). Journal of Zoology, 1992, 226, 387-398.	0.8	34
93	Feeding rates of a mammalian browser confirm the predictions of a â€˜foodscapeâ€™ model of its habitat. Oecologia, 2014, 174, 873-882.	0.9	34
94	Transcriptome analysis of terpene chemotypes of Melaleuca alternifolia across different tissues. Plant, Cell and Environment, 2017, 40, 2406-2425.	2.8	34
95	A hot lunch for herbivores: physiological effects of elevated temperatures on mammalian feeding ecology. Biological Reviews, 2018, 93, 674-692.	4.7	34
96	Title is missing!. Journal of Chemical Ecology, 1999, 25, 2561-2573.	0.9	32
97	The role of timber tree species in the nutritional ecology of spider monkeys in a certified logging concession, Bolivia. Forest Ecology and Management, 2010, 259, 1642-1649.	1.4	32
98	Metabolites of dietary 1,8-cineole in the male koala (Phascolarctos cinereus). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 129, 385-395.	1.3	31
99	Quanti?cation of sideroxylonals inEucalyptus foliage by high-performance liquid chromatography. Phytochemical Analysis, 2003, 14, 360-365.	1.2	31
100	Whole-body protein turnover reveals the cost of detoxification of secondary metabolites in a vertebrate browser. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 993-1003.	0.7	31
101	Near-Infrared Reflectance Spectroscopy is a Rapid, Cost-Effective Predictor of Seagrass Nutrients. Journal of Chemical Ecology, 2006, 32, 1353-1365.	0.9	30
102	Spectrometric prediction of secondary metabolites and nitrogen in fresh Eucalyptus foliage: towards remote sensing of the nutritional quality of foliage for leaf-eating marsupials. Australian Journal of Botany, 2002, 50, 761.	0.3	30
103	Koalas and climate change: a case study on the Liverpool Plains, north-west New South Wales. , 2012, , 150-168.		30
104	Fate of the Dietary Terpene, P-Cymene, in the Male Koala. Journal of Chemical Ecology, 2000, 26, 1095-1111.	0.9	29
105	Antibacterial sideroxylonals and loxophlebal A from Eucalyptus loxophleba foliage. FÃ¬toterapÃ¬Ã¢, 2010, 81, 878-883.	1.1	28
106	Accuracy of Genomic Prediction for Foliar Terpene Traits in Eucalyptus polybractea. G3: Genes, Genomes, Genetics, 2018, 8, 2573-2583.	0.8	28
107	Energy and Water Metabolism in Free-Living Greater Gliders, Petauroides-Volans. Australian Journal of Zoology, 1990, 38, 1.	0.6	28
108	Digestion and energy metabolism in a small arboreal marsupial, the Greater Glider (Petauroides) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Systemic, and Environmental Physiology, 1987, 157, 355-362.	0.7	27

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109	A chemical perspective on the evolution of variation in Eucalyptus globulus. Perspectives in Plant Ecology, Evolution and Systematics, 2011, 13, 305-318.	1.1	27
110	High marker density GWAS provides novel insights into the genomic architecture of terpene oil yield in Eucalyptus. New Phytologist, 2019, 223, 1489-1504.	3.5	27
111	A Pharm-Ecological Perspective of Terrestrial and Aquatic Plant-Herbivore Interactions. Journal of Chemical Ecology, 2013, 39, 465-480.	0.9	26
112	Effects of Terpene Chemotypes of Melaleuca alternifolia on Two Specialist Leaf Beetles and Susceptibility to Myrtle Rust. Journal of Chemical Ecology, 2015, 41, 937-947.	0.9	26
113	A Metabolomic Approach to Identifying Chemical Mediators of Mammalâ€“Plant Interactions. Journal of Chemical Ecology, 2010, 36, 727-735.	0.9	25
114	Using imaging spectroscopy to estimate integrated measures of foliage nutritional quality. Methods in Ecology and Evolution, 2012, 3, 416-426.	2.2	25
115	Continuous monitoring of feeding by koalas highlights diurnal differences in tree preferences. Wildlife Research, 2013, 40, 639.	0.7	25
116	Jensenone: Biological Reactivity of a Marsupial Antifeedant from Eucalyptus. Journal of Chemical Ecology, 2004, 30, 19-36.	0.9	24
117	Four species of arboreal folivore show differential tolerance to a secondary metabolite. Oecologia, 2014, 176, 251-258.	0.9	24
118	Genomic approaches to selection in outcrossing perennials: focus on essential oil crops. Theoretical and Applied Genetics, 2015, 128, 2351-2365.	1.8	23
119	Estimating population boundaries using regional and local-scale spatial genetic structure: an example in Eucalyptus globulus. Tree Genetics and Genomes, 2012, 8, 695-708.	0.6	22
120	Translating physiological signals to changes in feeding behaviour in mammals and the future effects of global climate change. Animal Production Science, 2015, 55, 272.	0.6	22
121	Genus-wide variation in foliar polyphenolics in eucalypts. Phytochemistry, 2017, 144, 197-207.	1.4	22
122	Does excretion of secondary metabolites always involve a measurable metabolic cost? Fate of plant antifeedant salicin in common brushtail possum, Trichosurus vulpecula. Journal of Chemical Ecology, 2001, 27, 1077-1089.	0.9	21
123	The effect of plant secondary metabolites on the interplay between the internal and external environments of marsupial folivores. Chemoecology, 2010, 20, 97-108.	0.6	21
124	Mosaic Eucalypt Trees Suggest Genetic Control at a Point That Influences Several Metabolic Pathways. Journal of Chemical Ecology, 2012, 38, 914-923.	0.9	21
125	A New Sideroxylonal from Eucalyptus melliodora. Australian Journal of Chemistry, 1999, 52, 157.	0.5	21
126	Nutritional Correlates of Koala Persistence in a Low-Density Population. PLoS ONE, 2014, 9, e113930.	1.1	21

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127	The Relative Concentrations of Nutrients and Toxins Dictate Feeding by a Vertebrate Browser, the Greater Glider Petauroides volans. PLoS ONE, 2015, 10, e0121584.	1.1	21
128	Formylated phloroglucinols from Eucalyptus loxophleba foliage. FÃ¬toterapÃ¬Ã¢, 2011, 82, 1118-1122.	1.1	20
129	A faecal index of diet quality that predicts reproductive success in a marsupial folivore. Oecologia, 2013, 173, 203-212.	0.9	20
130	Antileishmanial polyphenols from Corymbia maculata. Journal of Chemical Sciences, 2013, 125, 765-775.	0.7	20
131	Food intake: an overlooked driver of climate change casualties?. Trends in Ecology and Evolution, 2021, 36, 676-678.	4.2	20
132	The genetic basis of foliar terpene yield: Implications for breeding and profitability of Australian essential oil crops. Plant Biotechnology, 2015, 31, 363-376.	0.5	19
133	A nutritional mechanism underpinning folivore occurrence in disturbed forests. Forest Ecology and Management, 2019, 453, 117585.	1.4	19
134	PharmEcology: A pharmacological approach to understanding plant-herbivore interactions: an introduction to the symposium. Integrative and Comparative Biology, 2009, 49, 267-273.	0.9	18
135	Inter-population differences in the tolerance of a marsupial folivore to plant secondary metabolites. Oecologia, 2009, 161, 539-548.	0.9	18
136	Transcriptome Sequencing of Two Phenotypic Mosaic Eucalyptus Trees Reveals Large Scale Transcriptome Re-Modelling. PLoS ONE, 2015, 10, e0123226.	1.1	18
137	Four terpene synthases contribute to the generation of chemotypes in tea tree (Melaleuca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.6	17
138	Foliar Terpene Chemotypes and Herbivory Determine Variation in Plant Volatile Emissions. Journal of Chemical Ecology, 2018, 44, 51-61.	0.9	17
139	Occurrence and distribution of unsubstituted B-ring flavanones in Eucalyptus foliage. Phytochemistry, 2019, 160, 31-39.	1.4	17
140	Transcriptome Profiling of Melaleuca quinquenervia Challenged by Myrtle Rust Reveals Differences in Defense Responses Among Resistant Individuals. Phytopathology, 2018, 108, 495-509.	1.1	16
141	Predicting crown damage to Eucalyptus grandis by Paropsis atomaria with direct and indirect measures of leaf composition. Forest Ecology and Management, 2008, 255, 3642-3651.	1.4	15
142	Sample selection, calibration and validation of models developed from a large dataset of near infrared spectra of tree leaves. Journal of Near Infrared Spectroscopy, 2020, 28, 186-203.	0.8	15
143	Fermentation in the Hindgut of the Greater Glider (Petauroides volans) and the Brushtail Possum (Trichosurus vulpecula): Two Arboreal Folivores. Physiological Zoology, 1989, 62, 1126-1143.	1.5	15
144	Improving Habitat Models and Their Utility in Koala Conservation. Conservation Biology, 2000, 14, 660-668.	2.4	13

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145	Rapid evaluation of pasture quality for a critically endangered mammal, the northern hairy-nosed wombat (Lasiorhinus krefftii). Wildlife Research, 2002, 29, 91.	0.7	13
146	Glucuronuria in the koala. Journal of Chemical Ecology, 2003, 29, 1465-1477.	0.9	13
147	Intensive sampling identifies previously unknown chemotypes, population divergence and biosynthetic connections among terpenoids in Eucalyptus tricarpa. Phytochemistry, 2013, 94, 148-158.	1.4	13
148	The effect of excesses and deficiencies in amino acids on the feeding behaviour of the common brushtail possum (Trichosurus vulpecula). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2002, 172, 607-617.	0.7	12
149	From Leaf Metabolome to In Vivo Testing: Identifying Antifeedant Compounds for Ecological Studies of Marsupial Diets. Journal of Chemical Ecology, 2015, 41, 513-519.	0.9	12
150	Landscape-scale analysis of nutritional traits of New Zealand tree foliage using near-infrared spectroscopy. Forest Ecology and Management, 2015, 357, 161-170.	1.4	12
151	Assessment of a non-destructive method to predict oil yield in Eucalyptus polybractea (blue mallee). Industrial Crops and Products, 2017, 102, 32-44.	2.5	12
152	Evaluation of Techniques for Indirect Measurement of Body Composition in a Free-ranging Large Herbivore, the Southern Hairy-nosed Wombat. Wildlife Research, 1997, 24, 649.	0.7	11
153	Validation of near-infrared reflectance spectroscopy to estimate the potential intake of Eucalyptus foliage by folivorous marsupials. Australian Journal of Zoology, 2003, 51, 95.	0.6	11
154	Impact of Interruptions on Schedule Execution in Flexible Manufacturing Systems. Flexible Services and Manufacturing Journal, 2002, 14, 319-344.	0.4	10
155	Isolation and Quantitation of Ecologically Important Phloroglucinols and Other Compounds from Eucalyptus jensenii. Phytochemical Analysis, 2012, 23, 483-491.	1.2	10
156	Bark chewing reveals a nutrient limitation of leaves for a specialist folivore. Journal of Mammalogy, 2017, 98, 1185-1192.	0.6	10
157	Swamp wallabies and Tasmanian pademelons show intraspecific preferences for foliage. Australian Forestry, 1999, 62, 17-20.	0.3	9
158	Terpenoidal constituents ofEucalyptus loxophlebassp.lissophloia. Pharmaceutical Biology, 2012, 50, 823-827.	1.3	9
159	Association genetics of essential oil traits in Eucalyptus loxophleba: explaining variation in oil yield. Molecular Breeding, 2017, 37, 1.	1.0	9
160	Fundamental dietary specialisation explains differential use of resources within a koala population. Oecologia, 2021, 196, 795-803.	0.9	9
161	Plant secondary metabolites and primate food choices: A metaâ€analysis and future directions. American Journal of Primatology, 2022, 84, .	0.8	9
162	Nitrogen requirements of the didelphid marsupial Caluromys philander. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2000, 170, 345-350.	0.7	8

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163	Oxidizable Phenolic Concentrations Do Not Affect Development and Survival of Paropsis Atomaria Larvae Eating Eucalyptus Foliage. Journal of Chemical Ecology, 2017, 43, 411-421.	0.9	8
164	Intraspecific Variation in Nutritional Composition Affects the Leaf Age Preferences of a Mammalian Herbivore. Journal of Chemical Ecology, 2018, 44, 62-71.	0.9	7
165	Foliar Nutritional Quality Explains Patchy Browsing Damage Caused by an Invasive Mammal. PLoS ONE, 2016, 11, e0155216.	1.1	6
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