

William J Foley

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191
papers

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198
ext. papers

9,618
ext. citations

4.3
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L-index

#	Paper	IF	Citations
191	The genome of <i>Eucalyptus grandis</i> . <i>Nature</i> , 2014 , 510, 356-62	50.4	497
190	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. <i>Oecologia</i> , 1998 , 116, 293-305	2.9	359
189	Explaining intraspecific diversity in plant secondary metabolites in an ecological context. <i>New Phytologist</i> , 2014 , 201, 733-750	9.8	275
188	Assessing the evidence for latitudinal gradients in plant defence and herbivory. <i>Functional Ecology</i> , 2011 , 25, 380-388	5.6	275
187	Estimating foliage nitrogen concentration from HYMAP data using continuum removal analysis. <i>Remote Sensing of Environment</i> , 2004 , 93, 18-29	13.2	233
186	Protein content of diets dictates the daily energy intake of a free-ranging primate. <i>Behavioral Ecology</i> , 2009 , 20, 685-690	2.3	221
185	The Influence of Plant Secondary Metabolites on the Nutritional Ecology of Herbivorous Terrestrial Vertebrates. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2005 , 36, 169-189	13.5	196
184	Progress in Myrtaceae genetics and genomics: <i>Eucalyptus</i> as the pivotal genus. <i>Tree Genetics and Genomes</i> , 2012 , 8, 463-508	2.1	160
183	Phloroglucinol compounds of natural origin: synthetic aspects. <i>Natural Product Reports</i> , 2010 , 27, 393-416	5.1	159
182	Intraspecific variation in <i>Eucalyptus</i> secondary metabolites determines food intake by folivorous marsupials. <i>Oecologia</i> , 1998 , 116, 160-169	2.9	150
181	Tree use by koalas in a chemically complex landscape. <i>Nature</i> , 2005 , 435, 488-90	50.4	141
180	The effects of elevated CO atmospheres on the nutritional quality of <i>Eucalyptus</i> foliage and its interaction with soil nutrient and light availability. <i>Oecologia</i> , 1996 , 109, 59-68	2.9	139
179	Nutritional Ecology of <i>Ateles chamek</i> in lowland Bolivia: How Macronutrient Balancing Influences Food Choices. <i>International Journal of Primatology</i> , 2009 , 30, 675-696	2	127
178	Putting plant resistance traits on the map: a test of the idea that plants are better defended at lower latitudes. <i>New Phytologist</i> , 2011 , 191, 777-788	9.8	126
177	The effects of plant defensive chemistry on nutrient availability predict reproductive success in a mammal. <i>Ecology</i> , 2009 , 90, 711-9	4.6	126
176	Consequences of biotransformation of plant secondary metabolites on acid-base metabolism in mammals-A final common pathway?. <i>Journal of Chemical Ecology</i> , 1995 , 21, 721-43	2.7	107
175	FOLIAR CONCENTRATION OF A SINGLE TOXIN CREATES HABITAT PATCHINESS FOR A MARSUPIAL FOLIVORE. <i>Ecology</i> , 2000 , 81, 1327-1338	4.6	105

174	The detoxification limitation hypothesis: where did it come from and where is it going?. <i>Journal of Chemical Ecology</i> , 2006 , 32, 1247-66	2.7	103
173	Nutritional goals of wild primates. <i>Functional Ecology</i> , 2009 , 23, 70-78	5.6	100
172	Enhanced CO2 alters the relationship between photosynthesis and defence in cyanogenic Eucalyptus cladocalyx F. Muell.. <i>Plant, Cell and Environment</i> , 1998 , 21, 12-22	8.4	100
171	Restraint reduction reduces serious injuries among nursing home residents. <i>Journal of the American Geriatrics Society</i> , 1999 , 47, 1202-7	5.6	98
170	Modelling nutritional interactions: from individuals to communities. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 53-60	10.9	97
169	Correlations between physical and chemical defences in plants: tradeoffs, syndromes, or just many different ways to skin a herbivorous cat?. <i>New Phytologist</i> , 2013 , 198, 252-263	9.8	94
168	Palatability mapping: a koala's eye view of spatial variation in habitat quality. <i>Ecology</i> , 2010 , 91, 3165-76	4.6	91
167	Distribution of foliar formylated phloroglucinol derivatives amongst Eucalyptus species. <i>Biochemical Systematics and Ecology</i> , 2000 , 28, 813-824	1.4	88
166	Ecological Example of Conditioned Flavor Aversion in Plant-Herbivore Interactions: Effect of Terpenes of Eucalyptus Leaves on Feeding by Common Ringtail and Brushtail Possums. <i>Journal of Chemical Ecology</i> , 1999 , 25, 401-415	2.7	88
165	Eucalyptus foliar chemistry explains selective feeding by koalas. <i>Biology Letters</i> , 2005 , 1, 64-7	3.6	87
164	The Eucalyptus terpene synthase gene family. <i>BMC Genomics</i> , 2015 , 16, 450	4.5	86
163	Antiherbivore chemistry of Eucalyptus-cues and deterrents for marsupial folivores. <i>Journal of Chemical Ecology</i> , 2004 , 30, 1743-69	2.7	85
162	Use of fibrous diets by small herbivores: How far can the rules be bent?. <i>Trends in Ecology and Evolution</i> , 1992 , 7, 159-62	10.9	85
161	Conserving koalas: A review of the contrasting regional trends, outlooks and policy challenges. <i>Biological Conservation</i> , 2015 , 192, 226-236	6.2	83
160	A simple, integrative assay to quantify nutritional quality of browses for herbivores. <i>Oecologia</i> , 2008 , 156, 107-16	2.9	83
159	Gluconic acid: an antifungal agent produced by Pseudomonas species in biological control of take-all. <i>Phytochemistry</i> , 2006 , 67, 595-604	4	83
158	Conflicting demands on detoxification pathways influence how common brushtail possums choose their diets. <i>Ecology</i> , 2006 , 87, 2103-12	4.6	78
157	Plant secondary metabolites and vertebrate herbivores--from physiological regulation to ecosystem function. <i>Current Opinion in Plant Biology</i> , 2005 , 8, 430-5	9.9	76

156	A molecular perspective on terpene variation in Australian Myrtaceae. <i>Australian Journal of Botany</i> , 2008 , 56, 197	1.2	73
155	Dugong grazing and turtle cropping: grazing optimization in tropical seagrass systems?. <i>Oecologia</i> , 2006 , 149, 635-47	2.9	72
154	The molecular basis of quantitative variation in foliar secondary metabolites in <i>Eucalyptus globulus</i> . <i>New Phytologist</i> , 2011 , 191, 1041-1053	9.8	71
153	Comparative SNP diversity among four <i>Eucalyptus</i> species for genes from secondary metabolite biosynthetic pathways. <i>BMC Genomics</i> , 2009 , 10, 452	4.5	71
152	Differential susceptibility to <i>Eucalyptus</i> secondary compounds explains feeding by the common ringtail (<i>Pseudocheirus peregrinus</i>) and common brushtail possum (<i>Trichosurus vulpecula</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2003 , 173, 69-78	2.2	68
151	Secondary metabolites in <i>Eucalyptus melliodora</i> : field distribution and laboratory feeding choices by a generalist herbivore, the common brushtail possum. <i>Australian Journal of Zoology</i> , 2002 , 50, 507	0.5	60
150	Heritable variation in the foliar secondary metabolite sideroxydonal in <i>Eucalyptus</i> confers cross-resistance to herbivores. <i>Oecologia</i> , 2007 , 153, 891-901	2.9	59
149	Phloroglucinol compounds of therapeutic interest: global patent and technology status. <i>Expert Opinion on Therapeutic Patents</i> , 2009 , 19, 847-66	6.8	58
148	Marker-based quantitative genetics in the wild?: the heritability and genetic correlation of chemical defenses in eucalyptus. <i>Genetics</i> , 2005 , 171, 1989-98	4	58
147	A review of feeding and diet selection in koalas (<i>Phascolarctos cinereus</i>). <i>Australian Journal of Zoology</i> , 2000 , 48, 317	0.5	58
146	Comparative Metabolism of Dietary Terpene, p-Cymene, in Generalist and Specialist Folivorous Marsupials. <i>Journal of Chemical Ecology</i> , 1999 , 25, 2109-2126	2.7	58
145	FOLIAR NUTRITION, SITE QUALITY, AND TEMPERATURE INFLUENCE FOLIAR CHEMISTRY OF TALLOWWOOD (<i>EUCALYPTUS MICROCORYS</i>). <i>Ecological Monographs</i> , 2004 , 74, 553-568	9	53
144	Administration of a 5HT3 receptor antagonist increases the intake of diets containing <i>Eucalyptus</i> secondary metabolites by marsupials. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1998 , 168, 611-8	2.2	51
143	Nitrogen and Energy Retention and Acid-Base Status in the Common Ringtail Possum (<i>Pseudocheirus peregrinus</i>): Evidence of the Effects of Absorbed Allelochemicals. <i>Physiological Zoology</i> , 1992 , 65, 403-421		50
142	Home ranges, time budgets and food-tree use in a high-density tropical population of greater gliders, <i>Petauroides volans minor</i> (Pseudocheiridae : Marsupialia). <i>Wildlife Research</i> , 1996 , 23, 401	1.8	49
141	Food for folivores: nutritional explanations linking diets to population density. <i>Oecologia</i> , 2012 , 169, 281-91	2.9	48
140	Functional and evolutionary relationships between terpene synthases from Australian Myrtaceae. <i>Phytochemistry</i> , 2010 , 71, 844-52	4	47
139	Spatial distribution of defense chemicals and markers and the maintenance of chemical variation. <i>Ecology</i> , 2007 , 88, 716-28	4.6	47

138	The effect of inactivating tannins on the intake of Eucalyptus foliage by a specialist Eucalyptus folivore (<i>Pseudocheirus peregrinus</i>) and a generalist herbivore (<i>Trichosurus vulpecula</i>). <i>Australian Journal of Zoology</i> , 2003 , 51, 31	0.5	47
137	Metabolic fate of dietary terpenes from <i>Eucalyptus radiata</i> in common ringtail possum (<i>Pseudocheirus peregrinus</i>). <i>Journal of Chemical Ecology</i> , 1993 , 19, 1625-43	2.7	47
136	DETOXIFICATION RATES CONSTRAIN FEEDING IN COMMON BRUSHTAIL POSSUMS (<i>TRICHOSURUS VULPECULA</i>). <i>Ecology</i> , 2005 , 86, 2946-2954	4.6	46
135	Passage of Digesta Markers in Two Species of Arboreal Folivorous Marsupials: The Greater Glider (<i>Petauroides volans</i>) and the Brushtail Possum (<i>Trichosurus vulpecula</i>). <i>Physiological Zoology</i> , 1987 , 60, 103-113		46
134	Translating nutritional ecology from the laboratory to the field: milestones in linking plant chemistry to population regulation in mammalian browsers. <i>Oikos</i> , 2014 , 123, 298-308	4	45
133	Characteristics of Arboreal Marsupial Habitat in the Semi-Arid Woodlands of Northern Queensland.. <i>Wildlife Research</i> , 1996 , 23, 185	1.8	45
132	Genetic and environmental contributions to variation and population divergence in a broad-spectrum foliar defence of <i>Eucalyptus tricarpa</i> . <i>Annals of Botany</i> , 2010 , 105, 707-17	4.1	44
131	Behavioural contributions to the regulated intake of plant secondary metabolites in koalas. <i>Oecologia</i> , 2007 , 154, 283-90	2.9	43
130	Methyl jasmonate does not induce changes in <i>Eucalyptus grandis</i> leaves that alter the effect of constitutive defences on larvae of a specialist herbivore. <i>Oecologia</i> , 2008 , 156, 847-59	2.9	42
129	The evolution of foliar terpene diversity in Myrtaceae. <i>Phytochemistry Reviews</i> , 2014 , 13, 695-716	7.7	41
128	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 (<i>Trichosurus vulpecula</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2000 , 170, 185-92	2.2	41
127	Identification of quantitative trait loci influencing foliar concentrations of terpenes and formylated phloroglucinol compounds in <i>Eucalyptus nitens</i> . <i>New Phytologist</i> , 2007 , 176, 82-95	9.8	40
126	Sideroxylonal in <i>Eucalyptus</i> foliage influences foraging behaviour of an arboreal folivore. <i>Oecologia</i> , 2006 , 147, 272-9	2.9	40
125	Digestion and absorption of <i>Eucalyptus</i> essential oils in greater glider (<i>Petauroide svolans</i>) and brushtail possum (<i>Trichosurus vulpecula</i>). <i>Journal of Chemical Ecology</i> , 1987 , 13, 2115-30	2.7	40
124	Near Infrared Spectroscopy in Wildlife and Biodiversity. <i>Journal of Near Infrared Spectroscopy</i> , 2016 , 24, 1-25	1.5	40
123	Coping with chemical complexity in mammal-plant interactions: near-infrared spectroscopy as a predictor of <i>Eucalyptus</i> foliar nutrients and of the feeding rates of folivorous marsupials. <i>Oecologia</i> , 2001 , 128, 539-548	2.9	39
122	Nitrogen Requirements and Urea Metabolism in Two Arboreal Marsupials, the Greater Glider (<i>Petauroides volans</i>) and the Brushtail Possum (<i>Trichosurus vulpecula</i>), Fed <i>Eucalyptus</i> Foliage. <i>Physiological Zoology</i> , 1987 , 60, 241-250		39
121	Available and not total nitrogen in leaves explains key chemical differences between the eucalypt subgenera. <i>Forest Ecology and Management</i> , 2010 , 260, 814-821	3.9	38

120	A biochemical interpretation of terpene chemotypes in <i>Melaleuca alternifolia</i> . <i>Journal of Chemical Ecology</i> , 2010 , 36, 652-61	2.7	38
119	The passage of digesta, particle size, and in vitro fermentation rate in the three-toed sloth <i>Bradypus tridactylus</i> (Edentata: Bradypodidae). <i>Journal of Zoology</i> , 1995 , 236, 681-696	2	38
118	Vertebrate Herbivory on Eucalyptus Identification of Specific Feeding Deterrents for Common Ringtail Possums (<i>Pseudocheirus peregrinus</i>) by Bioassay-Guided Fractionation of Eucalyptus ovata Foliage. <i>Journal of Chemical Ecology</i> , 1998 , 24, 1513-1527	2.7	37
117	Differences in gene expression within a striking phenotypic mosaic Eucalyptus tree that varies in susceptibility to herbivory. <i>BMC Plant Biology</i> , 2013 , 13, 29	5.3	36
116	Implications of the large surface area to body mass ratio on the heat balance of the greater glider (<i>Petauroides volans</i> : Marsupialia). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1984 , 154, 105-111	2.2	36
115	The effects and costs of allelochemicals for mammalian herbivores: an ecological perspective 1994 , 370-391		35
114	Digestion and metabolism of high-tannin Eucalyptus foliage by the brushtail possum (<i>Trichosurus vulpecula</i>) (Marsupialia: Phalangeridae). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1987 , 157, 67-76	2.2	35
113	The molecular basis of host plant selection in <i>Melaleuca quinquenervia</i> by a successful biological control agent. <i>Phytochemistry</i> , 2010 , 71, 1237-44	4	34
112	How well can common brushtail possums regulate their intake of Eucalyptus toxins?. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2000 , 170, 211-8	2.2	34
111	The role of nutrition in the conservation of the marsupial folivores of eucalypt forests 2004 , 549-575		33
110	The rapid determination of sideroxylonals in Eucalyptus foliage by extraction with sonication followed by HPLC. <i>Phytochemical Analysis</i> , 2005 , 16, 49-54	3.4	32
109	The importance of protein in leaf selection of folivorous primates. <i>American Journal of Primatology</i> , 2017 , 79, 1-13	2.5	30
108	Role of volatile and non-volatile plant secondary metabolites in host tree selection by Christmas beetles. <i>Journal of Chemical Ecology</i> , 2011 , 37, 286-300	2.7	30
107	Metabolism of Eucalyptus terpenes by herbivorous marsupials. <i>Drug Metabolism Reviews</i> , 1997 , 29, 213-8		30
106	Microbial digestion in the herbivorous lizard <i>Uromastyx aegyptius</i> (Agamidae). <i>Journal of Zoology</i> , 1992 , 226, 387-398	2	29
105	Quantification of sideroxylonals in Eucalyptus foliage by high-performance liquid chromatography. <i>Phytochemical Analysis</i> , 2003 , 14, 360-5	3.4	28
104	Foliage chemistry influences tree choice and landscape use of a gliding marsupial folivore. <i>Journal of Chemical Ecology</i> , 2011 , 37, 71-84	2.7	27
103	Near-infrared reflectance spectroscopy is a rapid, cost-effective predictor of seagrass nutrients. <i>Journal of Chemical Ecology</i> , 2006 , 32, 1353-65	2.7	27

102	Fate of the Dietary Terpene, P-Cymene, in the Male Koala. <i>Journal of Chemical Ecology</i> , 2000 , 26, 1095-1111	11.1	27
101	Metabolites of dietary 1,8-cineole in the male koala (<i>Phascolarctos cinereus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001 , 129, 385-95	3.2	27
100	Spectrometric prediction of secondary metabolites and nitrogen in fresh <i>Eucalyptus</i> foliage: towards remote sensing of the nutritional quality of foliage for leaf-eating marsupials. <i>Australian Journal of Botany</i> , 2002 , 50, 761	1.2	27
99	Feeding rates of a mammalian browser confirm the predictions of a Foodscape model of its habitat. <i>Oecologia</i> , 2014 , 174, 873-82	2.9	26
98	A pharm-ecological perspective of terrestrial and aquatic plant-herbivore interactions. <i>Journal of Chemical Ecology</i> , 2013 , 39, 465-80	2.7	26
97	Relationship Between Chemical Functional Groups on <i>Eucalyptus</i> Secondary Metabolites and their Effectiveness as Marsupial Antifeedants. <i>Journal of Chemical Ecology</i> , 1999 , 25, 2561-2573	2.7	25
96	The yield of essential oils in <i>Melaleuca alternifolia</i> (Myrtaceae) is regulated through transcript abundance of genes in the MEP pathway. <i>PLoS ONE</i> , 2013 , 8, e60631	3.7	25
95	Energy and Water Metabolism in Free-Living Greater Gliders, <i>Petauroides-Volans</i> . <i>Australian Journal of Zoology</i> , 1990 , 38, 1	0.5	25
94	A metabolomic approach to identifying chemical mediators of mammal-plant interactions. <i>Journal of Chemical Ecology</i> , 2010 , 36, 727-35	2.7	24
93	Faecal inoculations alter the gastrointestinal microbiome and allow dietary expansion in a wild specialist herbivore, the koala. <i>Animal Microbiome</i> , 2019 , 1, 6	4.1	23
92	Using imaging spectroscopy to estimate integrated measures of foliage nutritional quality. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 416-426	7.7	23
91	Whole-body protein turnover reveals the cost of detoxification of secondary metabolites in a vertebrate browser. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013 , 183, 993-1003	2.2	23
90	Antibacterial sideroxytonals and loxophlebal A from <i>Eucalyptus loxophleba</i> foliage. <i>Phytotherapy Research</i> , 2010 , 81, 878-83	3.2	23
89	A chemical perspective on the evolution of variation in <i>Eucalyptus globulus</i> . <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2011 , 13, 305-318	3	22
88	The role of timber tree species in the nutritional ecology of spider monkeys in a certified logging concession, Bolivia. <i>Forest Ecology and Management</i> , 2010 , 259, 1642-1649	3.9	21
87	Koalas and climate change: a case study on the Liverpool Plains, north-west New South Wales 2012 , 150-168		21
86	A hot lunch for herbivores: physiological effects of elevated temperatures on mammalian feeding ecology. <i>Biological Reviews</i> , 2018 , 93, 674-692	13.5	20
85	Translating physiological signals to changes in feeding behaviour in mammals and the future effects of global climate change. <i>Animal Production Science</i> , 2015 , 55, 272	1.4	20

84	The effect of plant secondary metabolites on the interplay between the internal and external environments of marsupial folivores. <i>Chemoecology</i> , 2010 , 20, 97-108	2	20
83	Jensenone: biological reactivity of a marsupial antifeedant from Eucalyptus. <i>Journal of Chemical Ecology</i> , 2004 , 30, 19-36	2.7	20
82	New approaches to tannin analysis of leaves can be used to explain in vitro biological activities associated with herbivore defence. <i>New Phytologist</i> , 2020 , 225, 488-498	9.8	20
81	A faecal index of diet quality that predicts reproductive success in a marsupial folivore. <i>Oecologia</i> , 2013 , 173, 203-12	2.9	19
80	Estimating population boundaries using regional and local-scale spatial genetic structure: an example in Eucalyptus globulus. <i>Tree Genetics and Genomes</i> , 2012 , 8, 695-708	2.1	19
79	Genomic approaches to selection in outcrossing perennials: focus on essential oil crops. <i>Theoretical and Applied Genetics</i> , 2015 , 128, 2351-65	6	18
78	Formylated phloroglucinols from Eucalyptus loxophleba foliage. <i>Floterapia</i> 2011 , 82, 1118-22	3.2	18
77	Does excretion of secondary metabolites always involve a measurable metabolic cost? Fate of plant antifeedant salicin in common brushtail possum, Trichosurus vulpecula. <i>Journal of Chemical Ecology</i> , 2001 , 27, 1077-89	2.7	18
76	High marker density GWAS provides novel insights into the genomic architecture of terpene oil yield in Eucalyptus. <i>New Phytologist</i> , 2019 , 223, 1489-1504	9.8	17
75	Mosaic eucalypt trees suggest genetic control at a point that influences several metabolic pathways. <i>Journal of Chemical Ecology</i> , 2012 , 38, 914-23	2.7	17
74	Digestion and energy metabolism in a small arboreal marsupial, the Greater Glider (Petauroides volans), fed high-terpene Eucalyptus foliage. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1987 , 157, 355-362	2.2	17
73	A New Sideroxydonal from Eucalyptus melliodora. <i>Australian Journal of Chemistry</i> , 1999 , 52, 157	1.2	17
72	Genus-wide variation in foliar polyphenolics in eucalypts. <i>Phytochemistry</i> , 2017 , 144, 197-207	4	16
71	Effects of Terpene Chemotypes of Melaleuca alternifolia on Two Specialist Leaf Beetles and Susceptibility to Myrtle Rust. <i>Journal of Chemical Ecology</i> , 2015 , 41, 937-47	2.7	16
70	Continuous monitoring of feeding by koalas highlights diurnal differences in tree preferences. <i>Wildlife Research</i> , 2013 , 40, 639	1.8	16
69	The Relative Concentrations of Nutrients and Toxins Dictate Feeding by a Vertebrate Browser, the Greater Glider Petauroides volans. <i>PLoS ONE</i> , 2015 , 10, e0121584	3.7	16
68	Intraspecific diversity of terpenes of Eucalyptus camaldulensis (Myrtaceae) at a continental scale. <i>Australian Journal of Botany</i> , 2017 , 65, 257	1.2	15
67	Four species of arboreal folivore show differential tolerance to a secondary metabolite. <i>Oecologia</i> , 2014 , 176, 251-8	2.9	15

66	The genetic basis of foliar terpene yield: Implications for breeding and profitability of Australian essential oil crops. <i>Plant Biotechnology</i> , 2015 , 31, 363-376	1.3	15
65	Inter-population differences in the tolerance of a marsupial folivore to plant secondary metabolites. <i>Oecologia</i> , 2009 , 161, 539-48	2.9	15
64	Predicting crown damage to Eucalyptus grandis by Paropsis atomaria with direct and indirect measures of leaf composition. <i>Forest Ecology and Management</i> , 2008 , 255, 3642-3651	3.9	15
63	Nutritional correlates of koala persistence in a low-density population. <i>PLoS ONE</i> , 2014 , 9, e113930	3.7	15
62	Accuracy of Genomic Prediction for Foliar Terpene Traits in. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 2573-2583	3.5	14
61	Antileishmanial polyphenols from Corymbia maculata. <i>Journal of Chemical Sciences</i> , 2013 , 125, 765-775	1.8	14
60	PharmEcology: A pharmacological approach to understanding plant-herbivore interactions: an introduction to the symposium. <i>Integrative and Comparative Biology</i> , 2009 , 49, 267-73	2.8	14
59	A phylogenomic approach reveals a low somatic mutation rate in a long-lived plant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20192364	4.4	13
58	Foliar Terpene Chemotypes and Herbivory Determine Variation in Plant Volatile Emissions. <i>Journal of Chemical Ecology</i> , 2018 , 44, 51-61	2.7	13
57	Transcriptome sequencing of two phenotypic mosaic Eucalyptus trees reveals large scale transcriptome re-modelling. <i>PLoS ONE</i> , 2015 , 10, e0123226	3.7	13
56	Improving Habitat Models and Their Utility in Koala Conservation. <i>Conservation Biology</i> , 2000 , 14, 660-668		13
55	Fermentation in the Hindgut of the Greater Glider (<i>Petauroides volans</i>) and the Brushtail Possum (<i>Trichosurus vulpecula</i>): Two Arboreal Folivores. <i>Physiological Zoology</i> , 1989 , 62, 1126-1143		13
54	Intensive sampling identifies previously unknown chemotypes, population divergence and biosynthetic connections among terpenoids in Eucalyptus tricarpa. <i>Phytochemistry</i> , 2013 , 94, 148-58	4	12
53	Rapid evaluation of pasture quality for a critically endangered mammal, the northern hairy-nosed wombat (<i>Lasiorhinus krefftii</i>). <i>Wildlife Research</i> , 2002 , 29, 91	1.8	12
52	Validation of near-infrared reflectance spectroscopy to estimate the potential intake of Eucalyptus foliage by folivorous marsupials. <i>Australian Journal of Zoology</i> , 2003 , 51, 95	0.5	11
51	The effect of excesses and deficiencies in amino acids on the feeding behaviour of the common brushtail possum (<i>Trichosurus vulpecula</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2002 , 172, 607-17	2.2	11
50	Glucuronuria in the koala. <i>Journal of Chemical Ecology</i> , 2003 , 29, 1465-77	2.7	11
49	Evaluation of Techniques for Indirect Measurement of Body Composition in a Free-ranging Large Herbivore, the Southern Hairy-nosed Wombat. <i>Wildlife Research</i> , 1997 , 24, 649	1.8	10

48	A nutritional mechanism underpinning folivore occurrence in disturbed forests. <i>Forest Ecology and Management</i> , 2019 , 453, 117585	3.9	9
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