

William J Foley

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

191
papers

8,594
citations

49
h-index

85
g-index

198
ext. papers

9,618
ext. citations

4.3
avg, IF

5.93
L-index

#	Paper	IF	Citations
191	Comparative qualitative analysis of different classes of compounds in selected Australian and Indian Eucalyptus and Corymbia species: a convenient de-replication method for the eucalypts. <i>Journal of Planar Chromatography - Modern TLC</i> , 2021 , 34, 377	0.9	
190	Deconstructing Protein in the Diet and Biomass of Colobine Primates. <i>International Journal of Primatology</i> , 2021 , 42, 283-300	2	0
189	Fundamental dietary specialisation explains differential use of resources within a koala population. <i>Oecologia</i> , 2021 , 196, 795-803	2.9	2
188	Characterization of terpene biosynthesis in Melaleuca quinquenervia and ecological consequences of terpene accumulation during myrtle rust infection. <i>Plant-Environment Interactions</i> , 2021 , 2, 177-193	1.4	0
187	Food intake: an overlooked driver of climate change casualties?. <i>Trends in Ecology and Evolution</i> , 2021 , 36, 676-678	10.9	8
186	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
185	Sample selection, calibration and validation of models developed from a large dataset of near infrared spectra of tree leaves. <i>Journal of Near Infrared Spectroscopy</i> , 2020 , 28, 186-203	1.5	6
184	The distribution and abundance of an unusual resource for koalas (<i>Phascolarctos cinereus</i>) in a sodium-poor environment. <i>PLoS ONE</i> , 2020 , 15, e0234515	3.7	1
183	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
182	A nutritional mechanism underpinning folivore occurrence in disturbed forests. <i>Forest Ecology and Management</i> , 2019 , 453, 117585	3.9	9
181	Occurrence and distribution of unsubstituted B-ring flavanones in Eucalyptus foliage. <i>Phytochemistry</i> , 2019 , 160, 31-39	4	9
180	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
179	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
178	The Ecology of Browsing and Grazing in Other Vertebrate Taxa. <i>Ecological Studies</i> , 2019 , 339-404	1.1	2
177	Foliar Terpene Chemotypes and Herbivory Determine Variation in Plant Volatile Emissions. <i>Journal of Chemical Ecology</i> , 2018 , 44, 51-61	2.7	13
176	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
175	Accuracy of Genomic Prediction for Foliar Terpene Traits in. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 2573-2583	3.583	14

174	Transcriptome Profiling of <i>Melaleuca quinquenervia</i> Challenged by Myrtle Rust Reveals Differences in Defense Responses Among Resistant Individuals. <i>Phytopathology</i> , 2018 , 108, 495-509	3.8	9
173	Intraspecific Variation in Nutritional Composition Affects the Leaf Age Preferences of a Mammalian Herbivore. <i>Journal of Chemical Ecology</i> , 2018 , 44, 62-71	2.7	3
172	Using historical normals to improve modern monthly climate normal surfaces for Madagascar. <i>International Journal of Climatology</i> , 2018 , 38, 5746-5765	3.5	1
171	The importance of protein in leaf selection of folivorous primates. <i>American Journal of Primatology</i> , 2017 , 79, 1-13	2.5	30
170	Association genetics of essential oil traits in <i>Eucalyptus loxophleba</i> : explaining variation in oil yield. <i>Molecular Breeding</i> , 2017 , 37, 1	3.4	6
169	Assessment of a non-destructive method to predict oil yield in <i>Eucalyptus polybractea</i> (blue mallee). <i>Industrial Crops and Products</i> , 2017 , 102, 32-44	5.9	8
168	Oxidizable Phenolic Concentrations Do Not Affect Development and Survival of <i>Paropsis Atomaria</i> Larvae Eating <i>Eucalyptus</i> Foliage. <i>Journal of Chemical Ecology</i> , 2017 , 43, 411-421	2.7	7
167	Genus-wide variation in foliar polyphenolics in eucalypts. <i>Phytochemistry</i> , 2017 , 144, 197-207	4	16
166	Intraspecific diversity of terpenes of <i>Eucalyptus camaldulensis</i> (Myrtaceae) at a continental scale. <i>Australian Journal of Botany</i> , 2017 , 65, 257	1.2	15
165	Four terpene synthases contribute to the generation of chemotypes in tea tree (<i>Melaleuca alternifolia</i>). <i>BMC Plant Biology</i> , 2017 , 17, 160	5.3	8
164	Transcriptome analysis of terpene chemotypes of <i>Melaleuca alternifolia</i> across different tissues. <i>Plant, Cell and Environment</i> , 2017 , 40, 2406-2425	8.4	8
163	Bark chewing reveals a nutrient limitation of leaves for a specialist folivore. <i>Journal of Mammalogy</i> , 2017 , 98, 1185-1192	1.8	6
162	Quantitative Analysis of Various B-ring Unsubstituted and Substituted Flavonoids in Ten Australian Species of <i>Eucalyptus</i> . <i>Natural Product Communications</i> , 2017 , 12, 1934578X1701201	0.9	1
161	The Use of Polyethylene Glycol in Mammalian Herbivore Diet Studies: What Are We Measuring?. <i>Journal of Chemical Ecology</i> , 2016 , 42, 523-32	2.7	2
160	Foliar Nutritional Quality Explains Patchy Browsing Damage Caused by an Invasive Mammal. <i>PLoS ONE</i> , 2016 , 11, e0155216	3.7	6
159	Near Infrared Spectroscopy in Wildlife and Biodiversity. <i>Journal of Near Infrared Spectroscopy</i> , 2016 , 24, 1-25	1.5	40
158	Conserving koalas: A review of the contrasting regional trends, outlooks and policy challenges. <i>Biological Conservation</i> , 2015 , 192, 226-236	6.2	83
157	The <i>Eucalyptus</i> terpene synthase gene family. <i>BMC Genomics</i> , 2015 , 16, 450	4.5	86

156	Genomic approaches to selection in outcrossing perennials: focus on essential oil crops. <i>Theoretical and Applied Genetics</i> , 2015 , 128, 2351-65	6	18
155	Landscape-scale analysis of nutritional traits of New Zealand tree foliage using near-infrared spectroscopy. <i>Forest Ecology and Management</i> , 2015 , 357, 161-170	3.9	8
154	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
153	Foliar terpenoid levels and corresponding gene expression are systemically and differentially induced in <i>Eucalyptus grandis</i> clonal genotypes in response to <i>Chrysoporthe austroafricana</i> challenge. <i>Plant Pathology</i> , 2015 , 64, 1320-1325	2.8	4
152	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
151	Transcriptome sequencing of two phenotypic mosaic <i>Eucalyptus</i> trees reveals large scale transcriptome re-modelling. <i>PLoS ONE</i> , 2015 , 10, e0123226	3.7	13
150	Extraction of Pinocembrin from Leaves of Different Species of <i>Eucalyptus</i> and its Quantitative Analysis by qNMR and HPTLC. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	3
149	From Leaf Metabolome to In Vivo Testing: Identifying Antifeedant Compounds for Ecological Studies of Marsupial Diets. <i>Journal of Chemical Ecology</i> , 2015 , 41, 513-9	2.7	9
148	Effects of Terpene Chemotypes of <i>Melaleuca alternifolia</i> on Two Specialist Leaf Beetles and Susceptibility to Myrtle Rust. <i>Journal of Chemical Ecology</i> , 2015 , 41, 937-47	2.7	16
147	The Relative Concentrations of Nutrients and Toxins Dictate Feeding by a Vertebrate Browser, the Greater Glider <i>Petauroides volans</i> . <i>PLoS ONE</i> , 2015 , 10, e0121584	3.7	16
146	Extraction of pinocembrin from leaves of different species of <i>Eucalyptus</i> and its quantitative analysis by qNMR and HPTLC. <i>Natural Product Communications</i> , 2015 , 10, 379-82	0.9	5
145	Feeding rates of a mammalian browser confirm the predictions of a FoodscapeTmodel of its habitat. <i>Oecologia</i> , 2014 , 174, 873-82	2.9	26
144	The evolution of foliar terpene diversity in Myrtaceae. <i>Phytochemistry Reviews</i> , 2014 , 13, 695-716	7.7	41
143	Explaining intraspecific diversity in plant secondary metabolites in an ecological context. <i>New Phytologist</i> , 2014 , 201, 733-750	9.8	275
142	The genome of <i>Eucalyptus grandis</i> . <i>Nature</i> , 2014 , 510, 356-62	50.4	497
141	Four species of arboreal folivore show differential tolerance to a secondary metabolite. <i>Oecologia</i> , 2014 , 176, 251-8	2.9	15
140	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
139	Male-biased predation and its effect on paternity skew and life history in a population of common brushtail possums (<i>Trichosurus vulpecula</i>). <i>PLoS ONE</i> , 2014 , 9, e111746	3.7	2

138	Nutritional correlates of koala persistence in a low-density population. <i>PLoS ONE</i> , 2014 , 9, e113930	3.7	15
137	Correction: Differences in gene expression within a striking phenotypic mosaic Eucalyptus tree that varies in susceptibility to herbivory. <i>BMC Plant Biology</i> , 2013 , 13, 57	5.3	0
136	A faecal index of diet quality that predicts reproductive success in a marsupial folivore. <i>Oecologia</i> , 2013 , 173, 203-12	2.9	19
135	Antileishmanial polyphenols from <i>Corymbia maculata</i> . <i>Journal of Chemical Sciences</i> , 2013 , 125, 765-775	1.8	14
134	Intensive sampling identifies previously unknown chemotypes, population divergence and biosynthetic connections among terpenoids in <i>Eucalyptus tricarpa</i> . <i>Phytochemistry</i> , 2013 , 94, 148-58	4	12
133	Regional population expansion in <i>Eucalyptus globulus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2013 , 68, 498-501	4.1	2
132	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
131	A pharm-ecological perspective of terrestrial and aquatic plant-herbivore interactions. <i>Journal of Chemical Ecology</i> , 2013 , 39, 465-80	2.7	26
130	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
129	Self-medication: a learning process?. <i>Science</i> , 2013 , 340, 1041	33.3	4
128	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
127	Continuous monitoring of feeding by koalas highlights diurnal differences in tree preferences. <i>Wildlife Research</i> , 2013 , 40, 639	1.8	16
126	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
125	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
124	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
123	Estimating population boundaries using regional and local-scale spatial genetic structure: an example in <i>Eucalyptus globulus</i> . <i>Tree Genetics and Genomes</i> , 2012 , 8, 695-708	2.1	19
122	Isolation and quantitation of ecologically important phloroglucinols and other compounds from <i>Eucalyptus jensenii</i> . <i>Phytochemical Analysis</i> , 2012 , 23, 483-91	3.4	6
121	Progress in Myrtaceae genetics and genomics: Eucalyptus as the pivotal genus. <i>Tree Genetics and Genomes</i> , 2012 , 8, 463-508	2.1	160

120	Food for folivores: nutritional explanations linking diets to population density. <i>Oecologia</i> , 2012 , 169, 281-91	2.9	48
119	Terpenoidal constituents of <i>Eucalyptus loxophleba</i> ssp. <i>lissophloia</i> . <i>Pharmaceutical Biology</i> , 2012 , 50, 823-7	3.8	8
118	Koalas and climate change: a case study on the Liverpool Plains, north-west New South Wales 2012 , 150-168		21
117	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
116	Quantitative Analysis of Euglobals in <i>Eucalyptus loxophleba</i> Leaves by qNMR. <i>Natural Product Communications</i> , 2011 , 6, 1934578X1100600	0.9	
115	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
114	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
113	Assessing the evidence for latitudinal gradients in plant defence and herbivory. <i>Functional Ecology</i> , 2011 , 25, 380-388	5.6	275
112	Formylated phloroglucinols from <i>Eucalyptus loxophleba</i> foliage. <i>Phytotherapy Research</i> , 2011 , 82, 1118-22	3.2	18
111	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
110	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
109	Using the <i>Eucalyptus</i> genome to understand the evolution of plant secondary metabolites in the Myrtaceae. <i>BMC Proceedings</i> , 2011 , 5,	2.3	5
108	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
107	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
106	Foliar chemistry of juvenile <i>Eucalyptus grandis</i> clones does not predict chemical defence in maturing ramets. <i>Forest Ecology and Management</i> , 2010 , 260, 763-769	3.9	3
105	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
104	Modelling nutritional interactions: from individuals to communities. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 53-60	10.9	97
103	Palatability mapping: a koala's eye view of spatial variation in habitat quality. <i>Ecology</i> , 2010 , 91, 3165-76	4.6	91

102	Phloroglucinol compounds of natural origin: synthetic aspects. <i>Natural Product Reports</i> , 2010 , 27, 393-416	5.1	159
101	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
100	Acid loads induced by the detoxification of plant secondary metabolites do not limit feeding by common brushtail possums (<i>Trichosurus vulpecula</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010 , 180, 247-57	2.2	4
99	A biochemical interpretation of terpene chemotypes in <i>Melaleuca alternifolia</i> . <i>Journal of Chemical Ecology</i> , 2010 , 36, 652-61	2.7	38
98	A metabolomic approach to identifying chemical mediators of mammal-plant interactions. <i>Journal of Chemical Ecology</i> , 2010 , 36, 727-35	2.7	24
97	Antibacterial sideroxylonals and loxophlebal A from <i>Eucalyptus loxophleba</i> foliage. <i>Phytochemistry</i> , 2010 , 81, 878-83	3.2	23
96	Functional and evolutionary relationships between terpene synthases from Australian Myrtaceae. <i>Phytochemistry</i> , 2010 , 71, 844-52	4	47
95	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
94	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
93	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
92	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
91	Inter-population differences in the tolerance of a marsupial folivore to plant secondary metabolites. <i>Oecologia</i> , 2009 , 161, 539-48	2.9	15
90	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
89	Nutritional goals of wild primates. <i>Functional Ecology</i> , 2009 , 23, 70-78	5.6	100
88	Differential defoliation of <i>Eucalyptus grandis</i> arises from indiscriminant oviposition and differential larval survival. <i>Agricultural and Forest Entomology</i> , 2009 , 11, 107-114	1.9	4
87	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
86	Phloroglucinol compounds of therapeutic interest: global patent and technology status. <i>Expert Opinion on Therapeutic Patents</i> , 2009 , 19, 847-66	6.8	58
85	A molecular perspective on terpene variation in Australian Myrtaceae. <i>Australian Journal of Botany</i> , 2008 , 56, 197	1.2	73

84	Predicting crown damage to <i>Eucalyptus grandis</i> by <i>Paropsis atomaria</i> with direct and indirect measures of leaf composition. <i>Forest Ecology and Management</i> , 2008 , 255, 3642-3651	3.9	15
83	A simple, integrative assay to quantify nutritional quality of browses for herbivores. <i>Oecologia</i> , 2008 , 156, 107-16	2.9	83
82	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
81	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
80	Heritable variation in the foliar secondary metabolite sideroxylonal in <i>Eucalyptus</i> confers cross-resistance to herbivores. <i>Oecologia</i> , 2007 , 153, 891-901	2.9	59
79	Behavioural contributions to the regulated intake of plant secondary metabolites in koalas. <i>Oecologia</i> , 2007 , 154, 283-90	2.9	43
78	Estimating Nitrogen in Eucalypt Foliage by Automatically Extracting Tree Spectra from HyMap [®] Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2007 , 73, 397-401	1.6	2
77	Spatial distribution of defense chemicals and markers and the maintenance of chemical variation. <i>Ecology</i> , 2007 , 88, 716-28	4.6	47
76	Conflicting demands on detoxification pathways influence how common brushtail possums choose their diets. <i>Ecology</i> , 2006 , 87, 2103-12	4.6	78
75	Gluconic acid: an antifungal agent produced by <i>Pseudomonas</i> species in biological control of take-all. <i>Phytochemistry</i> , 2006 , 67, 595-604	4	83
74	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
73	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
72	Sideroxylonal in <i>Eucalyptus</i> foliage influences foraging behaviour of an arboreal folivore. <i>Oecologia</i> , 2006 , 147, 272-9	2.9	40
71	Dugong grazing and turtle cropping: grazing optimization in tropical seagrass systems?. <i>Oecologia</i> , 2006 , 149, 635-47	2.9	72
70	<i>Eucalyptus</i> foliar chemistry explains selective feeding by koalas. <i>Biology Letters</i> , 2005 , 1, 64-7	3.6	87
69	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
68	Tree use by koalas in a chemically complex landscape. <i>Nature</i> , 2005 , 435, 488-90	50.4	141
67	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

66	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
65	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
64	DETOXIFICATION RATES CONSTRAIN FEEDING IN COMMON BRUSHTAIL POSSUMS (TRICHOSURUS VULPECULA). <i>Ecology</i> , 2005 , 86, 2946-2954	4.6	46
63	Jensenone: biological reactivity of a marsupial antifeedant from Eucalyptus. <i>Journal of Chemical Ecology</i> , 2004 , 30, 19-36	2.7	20
62	Antiherbivore chemistry of Eucalyptus-cues and deterrents for marsupial folivores. <i>Journal of Chemical Ecology</i> , 2004 , 30, 1743-69	2.7	85
61	Estimating foliage nitrogen concentration from HYMAP data using continuum removal analysis. <i>Remote Sensing of Environment</i> , 2004 , 93, 18-29	13.2	233
60	FOLIAR NUTRITION, SITE QUALITY, AND TEMPERATURE INFLUENCE FOLIAR CHEMISTRY OF TALLOWOOD (EUCALYPTUS MICROCORYS). <i>Ecological Monographs</i> , 2004 , 74, 553-568	9	53
59	The role of nutrition in the conservation of the marsupial folivores of eucalypt forests 2004 , 549-575		33
58	Ecological, physiological and behavioural interactions between marsupial folivores and Eucalyptus antifeedants. 2004 , 215-222		
57	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
56	Glucuronuria in the koala. <i>Journal of Chemical Ecology</i> , 2003 , 29, 1465-77	2.7	11
55	Differential susceptibility to Eucalyptus 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
54	Quantification of sideroxylonals in Eucalyptus foliage by high-performance liquid chromatography. <i>Phytochemical Analysis</i> , 2003 , 14, 360-5	3.4	28
53	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
52	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
51	Impact of Interruptions on Schedule Execution in Flexible Manufacturing Systems. <i>Flexible Services and Manufacturing Journal</i> , 2002 , 14, 319-344		9
50	Secondary metabolites in Eucalyptus melliodora: 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
49	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

48	Spectrometric prediction of secondary metabolites and nitrogen in fresh Eucalyptus 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
47	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. <i>Oecologia</i> , 2001 , 128, 539-548	2.9	39
46	Does excretion of secondary metabolites always involve a measurable metabolic cost? Fate of plant antifeedant salicin in common brushtail possum, <i>Trichosurus vulpecula</i> . <i>Journal of Chemical Ecology</i> , 2001 , 27, 1077-89	2.7	18
45	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
44	Improving Habitat Models and Their Utility in Koala Conservation. <i>Conservation Biology</i> , 2000 , 14, 660-668		13
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