

Clare McArthur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6160450/publications.pdf>

Version: 2024-02-01

114
papers

4,615
citations

134610

34
h-index

129628

63
g-index

114
all docs

114
docs citations

114
times ranked

5509
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk of predation and disease transmission at artificial water stations. <i>Wildlife Research</i> , 2022, , .	0.7	2
2	A systematic review of factors affecting wildlife survival during rehabilitation and release. <i>PLoS ONE</i> , 2022, 17, e0265514.	1.1	19
3	A Possible Link between the Environment and <i>Cryptococcus gattii</i> Nasal Colonisation in Koalas (<i>Phascolarctos cinereus</i>) in the Liverpool Plains, New South Wales. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4603.	1.2	2
4	The Olfactory Landscape Concept: A Key Source of Past, Present, and Future Information Driving Animal Movement and Decision-making. <i>BioScience</i> , 2022, 72, 745-752.	2.2	11
5	Olfactory misinformation: creating "fake news" to reduce problem foraging by wildlife. <i>Frontiers in Ecology and the Environment</i> , 2022, 20, 531-538.	1.9	5
6	Validation of an Enzyme Immunoassay to Measure Faecal Glucocorticoid Metabolites in Common Brushtail Possums (<i>Trichosurus vulpecula</i>) to Evaluate Responses to Rehabilitation. <i>Animals</i> , 2022, 12, 1627.	1.0	5
7	Habitat fragmentation affects movement and space use of a specialist folivore, the koala. <i>Animal Conservation</i> , 2021, 24, 26-37.	1.5	21
8	Testing transgenerational transfer of personality in managed wildlife populations: a house mouse control experiment. <i>Ecological Applications</i> , 2021, 31, e02247.	1.8	3
9	Catch me if you can: personality drives technique-specific biases during live-capture trapping. <i>Wildlife Research</i> , 2021, 48, 713-721.	0.7	3
10	Comparison of three methods of estimating the population size of an arboreal mammal in a fragmented rural landscape. <i>Wildlife Research</i> , 2021, 48, 105.	0.7	8
11	Animal personality drives individual dietary specialisation across multiple dimensions in a mammalian herbivore. <i>Functional Ecology</i> , 2021, 35, 2253-2265.	1.7	10
12	Behavioural drivers of survey bias: interactive effects of personality, the perceived risk and device properties. <i>Oecologia</i> , 2021, 197, 117-127.	0.9	6
13	Space use by animals on the urban fringe: interactive effects of sex and personality. <i>Behavioral Ecology</i> , 2020, 31, 330-339.	1.0	27
14	Leveraging Motivations, Personality, and Sensory Cues for Vertebrate Pest Management. <i>Trends in Ecology and Evolution</i> , 2020, 35, 990-1000.	4.2	39
15	Linking animal personality to problem-solving performance in urban common brushtail possums. <i>Animal Behaviour</i> , 2020, 162, 35-45.	0.8	25
16	The power of odour cues in shaping fine-scale search patterns of foraging mammalian herbivores. <i>Biology Letters</i> , 2020, 16, 20200329.	1.0	11
17	Petrol exhaust pollution impairs honey bee learning and memory. <i>Oikos</i> , 2019, 128, 264-273.	1.2	18
18	Acute exposure to urban air pollution impairs olfactory learning and memory in honeybees. <i>Ecotoxicology</i> , 2019, 28, 1056-1062.	1.1	24

#	ARTICLE	IF	CITATIONS
19	Plant volatiles are a salient cue for foraging mammals: elephants target preferred plants despite background plant odour. <i>Animal Behaviour</i> , 2019, 155, 199-216.	0.8	24
20	Needing a drink: Rainfall and temperature drive the use of free water by a threatened arboreal folivore. <i>PLoS ONE</i> , 2019, 14, e0216964.	1.1	24
21	Habitat complexity does not affect arthropod community composition in roadside greenspaces. <i>Urban Forestry and Urban Greening</i> , 2018, 30, 108-114.	2.3	4
22	Foxes in trees: a threat for Australian arboreal fauna?. <i>Australian Mammalogy</i> , 2018, 40, 103.	0.7	12
23	Visit, consume and quit: Patch quality affects the three stages of foraging. <i>Journal of Animal Ecology</i> , 2018, 87, 1615-1626.	1.3	20
24	Urbanisation and wing asymmetry in the western honey bee (<i>Apis mellifera</i> , Linnaeus 1758) at multiple scales. <i>PeerJ</i> , 2018, 6, e5940.	0.9	11
25	Leaf odour cues enable non-random foraging by mammalian herbivores. <i>Journal of Animal Ecology</i> , 2017, 86, 1317-1328.	1.3	22
26	Olfactory and visual plant cues as drivers of selective herbivory. <i>Oikos</i> , 2017, 126, .	1.2	25
27	Follow your nose: leaf odour as an important foraging cue for mammalian herbivores. <i>Oecologia</i> , 2016, 182, 643-651.	0.9	28
28	Exposure to wind alters insect herbivore behaviour in larvae of <i>Utricularia</i> (<i>Utricularia</i> spp.) (<i>Lepidoptera</i> : <i>Noctuidae</i>). <i>Austral Entomology</i> , 2016, 55, 242-246.	0.8	8
29	It is safe to go out on a limb: within-tree leaf age and location do not alter predation risk for insect herbivores. <i>Austral Entomology</i> , 2016, 55, 284-290.	0.8	6
30	Effective field-based methods to quantify personality in brushtail possums (<i>Trichosurus vulpecula</i>). <i>Wildlife Research</i> , 2016, 43, 332.	0.7	15
31	Particulate matter deposition on roadside plants and the importance of leaf trait combinations. <i>Urban Forestry and Urban Greening</i> , 2016, 20, 249-253.	2.3	188
32	A multistressor, multitrait approach to assessing the effects of wind and dust on <i>Eucalyptus tereticornis</i> . <i>American Journal of Botany</i> , 2016, 103, 1466-1471.	0.8	1
33	Interactions between fire and introduced deer herbivory on coastal heath vegetation. <i>Austral Ecology</i> , 2016, 41, 604-612.	0.7	6
34	Head capsule stacking by caterpillars: morphology complements behaviour to provide a novel defence. <i>PeerJ</i> , 2016, 4, e1714.	0.9	1
35	Associational refuge in practice: can existing vegetation facilitate woodland restoration?. <i>Oikos</i> , 2015, 124, 571-580.	1.2	19
36	Herbivore search behaviour drives associational plant refuge. <i>Acta Oecologica</i> , 2015, 67, 1-7.	0.5	15

#	ARTICLE	IF	CITATIONS
37	Personality affects the foraging response of a mammalian herbivore to the dual costs of food and fear. <i>Oecologia</i> , 2015, 177, 293-303.	0.9	49
38	Elevated volatile concentrations in high-nutrient plants: do insect herbivores pay a high price for good food?. <i>Ecological Entomology</i> , 2014, 39, 480-491.	1.1	21
39	Do we ditch digestive physiology in explaining the classic relationship between herbivore body size diet and diet quality?. <i>Functional Ecology</i> , 2014, 28, 1059-1060.	1.7	10
40	The dilemma of foraging herbivores: dealing with food and fear. <i>Oecologia</i> , 2014, 176, 677-689.	0.9	91
41	Roles of the volatile terpene, 1,8-cineole, in plant-herbivore interactions: a foraging odor cue as well as a toxin?. <i>Oecologia</i> , 2014, 174, 827-837.	0.9	39
42	Relationships between native small mammals and native and introduced large herbivores. <i>Austral Ecology</i> , 2014, 39, 236-243.	0.7	14
43	Negotiating multiple cues of predation risk in a landscape of fear: what scares free-ranging brushtail possums?. <i>Journal of Zoology</i> , 2014, 294, 22-30.	0.8	35
44	Determining predator identity from attack marks left in model caterpillars: guidelines for best practice. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 152, 120-126.	0.7	145
45	Dealing with your past: experience of failed predation suppresses caterpillar feeding behaviour. <i>Animal Behaviour</i> , 2014, 90, 337-343.	0.8	7
46	Quantifying the response of free-ranging mammalian herbivores to the interplay between plant defense and nutrient concentrations. <i>Oecologia</i> , 2014, 175, 1167-1177.	0.9	17
47	A practical guide to avoid giving up on giving-up densities. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1541-1553.	0.6	114
48	Fire and grazing influence food resources of an endangered rock-wallaby. <i>Wildlife Research</i> , 2012, 39, 436.	0.7	14
49	Mixing nutrients mitigates the intake constraints of a plant toxin in a generalist herbivore. <i>Behavioral Ecology</i> , 2012, 23, 879-888.	1.0	25
50	Influences of Plant Toxins and Their Spatial Distribution on Foraging by the Common Brushtail Possum, a Generalist Mammalian Herbivore. <i>Journal of Chemical Ecology</i> , 2012, 38, 1544-1551.	0.9	1
51	Natural selection for anti-herbivore plant secondary metabolites. , 2012, , 10-33.		5
52	The foraging tightrope between predation risk and plant toxins: a matter of concentration. <i>Functional Ecology</i> , 2012, 26, 74-83.	1.7	36
53	Behavioural responses to indirect and direct predator cues by a mammalian herbivore, the common brushtail possum. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 47-55.	0.6	51
54	Field screening for genetic-based susceptibility to mammalian browsing. <i>Forest Ecology and Management</i> , 2011, 262, 1500-1506.	1.4	6

#	ARTICLE	IF	CITATIONS
55	Global patterns of leaf mechanical properties. <i>Ecology Letters</i> , 2011, 14, 301-312.	3.0	418
56	Titration of the cost of plant toxins against predators: determining the tipping point for foraging herbivores. <i>Journal of Animal Ecology</i> , 2011, 80, 753-760.	1.3	31
57	Predation risk and competitive interactions affect foraging of an endangered refuge-dependent herbivore. <i>Animal Conservation</i> , 2011, 14, 447-457.	1.5	12
58	Repellent and stocking guards reduce mammal browsing in eucalypt plantations. <i>New Forests</i> , 2011, 42, 301-316.	0.7	8
59	Multiple scales of diet selection by brush-tailed rock-wallabies (<i>Petrogale penicillata</i>). <i>Australian Mammalogy</i> , 2011, 33, 169.	0.7	9
60	Integrating the costs of plant toxins and predation risk in foraging decisions of a mammalian herbivore. <i>Oecologia</i> , 2010, 164, 349-356.	0.9	23
61	Influences of seedling size, container type and mammal browsing on the establishment of <i>Eucalyptus globulus</i> in plantation forestry. <i>New Forests</i> , 2010, 39, 105-115.	0.7	29
62	Early ontogenetic trajectories vary among defence chemicals in seedlings of a fast-growing eucalypt. <i>Austral Ecology</i> , 2010, 35, 157-166.	0.7	14
63	Wind Affects Morphology, Function, and Chemistry of Eucalypt Tree Seedlings. <i>International Journal of Plant Sciences</i> , 2010, 171, 73-80.	0.6	18
64	Modelling nutritional interactions: from individuals to communities. <i>Trends in Ecology and Evolution</i> , 2010, 25, 53-60.	4.2	111
65	Spatial scale and opportunities for choice influence browsing and associational refuges of focal plants. <i>Journal of Animal Ecology</i> , 2009, 78, 1134-1142.	1.3	26
66	Non-lethal strategies to reduce browse damage in eucalypt plantations. <i>Forest Ecology and Management</i> , 2009, 259, 45-55.	1.4	14
67	Do bare-nosed wombat (<i>Vombatus ursinus</i>) mounds influence terrestrial macroinvertebrate assemblages in agricultural riparian zones?. <i>Australian Journal of Zoology</i> , 2009, 57, 329.	0.6	2
68	Links between riparian characteristics and the abundance of common wombat (<i>Vombatus ursinus</i>) burrows in an agricultural landscape. <i>Wildlife Research</i> , 2008, 35, 760.	0.7	25
69	Effects of within-patch characteristics on the vulnerability of a plant to herbivory. <i>Oikos</i> , 2007, 116, 41-52.	1.2	43
70	Phenolic acclimation to ultraviolet-A irradiation in <i>Eucalyptus nitens</i> seedlings raised across a nutrient environment gradient. <i>Photosynthetica</i> , 2007, 45, 36-42.	0.9	14
71	SPATIAL SCALE OF THE PATCHINESS OF PLANT POISONS: A CRITICAL INFLUENCE ON FORAGING EFFICIENCY. <i>Ecology</i> , 2006, 87, 2236-2243.	1.5	26
72	Characteristics of tree seedlings and neighbouring vegetation have an additive influence on browsing by generalist herbivores. <i>Forest Ecology and Management</i> , 2006, 228, 197-205.	1.4	35

#	ARTICLE	IF	CITATIONS
73	Preferences of two mammalian herbivores for tree seedlings and potential cover crops in plantation forestry. <i>Australian Forestry</i> , 2006, 69, 114-121.	0.3	5
74	Distance from cover affects artificial food-patch depletion by macropod herbivores. <i>Wildlife Research</i> , 2006, 33, 565.	0.7	10
75	How does ontogeny in a <i>Eucalyptus</i> species affect patterns of herbivory by Brushtail Possums?. <i>Functional Ecology</i> , 2006, 20, 982-988.	1.7	38
76	Behavioral Responses of a Generalist Mammalian Folivore to the Physiological Constraints of a Chemically Defended Diet. <i>Journal of Chemical Ecology</i> , 2006, 32, 1133-1147.	0.9	24
77	Sideroxylonal in <i>Eucalyptus</i> foliage influences foraging behaviour of an arboreal folivore. <i>Oecologia</i> , 2006, 147, 272-279.	0.9	42
78	Diet switching in a generalist mammalian folivore: fundamental to maximising intake. <i>Oecologia</i> , 2006, 147, 650-657.	0.9	58
79	How do soil nutrients affect within-plant patterns of herbivory in seedlings of <i>Eucalyptus nitens</i> ?. <i>Oecologia</i> , 2006, 150, 409-420.	0.9	31
80	Interactions between herbivores, vegetation and eucalypt tree seedlings in a plantation forestry environment. <i>Australian Forestry</i> , 2005, 68, 281-290.	0.3	4
81	Differential distribution of leaf chemistry in eucalypt seedlings due to variation in whole-plant nutrient availability. <i>Phytochemistry</i> , 2005, 66, 215-221.	1.4	24
82	Foraging in a risky environment: a comparison of Bennett's wallabies <i>Macropus rufogriseus rufogriseus</i> (Marsupialia: Macropodidae) and red-bellied pademelons <i>Thylogale billiardierii</i> (Marsupialia: Macropodidae) in open habitats. <i>Austral Ecology</i> , 2005, 30, 756-764.	0.7	25
83	Comparison of habitat selection by two sympatric macropods, <i>Thylogale billiardierii</i> and <i>Macropus rufogriseus rufogriseus</i> , in a patchy eucalypt-forestry environment. <i>Austral Ecology</i> , 2005, 30, 674-683.	0.7	50
84	Effects of nutrient variability on the genetic-based resistance of <i>Eucalyptus globulus</i> to a mammalian herbivore and on plant defensive chemistry. <i>Oecologia</i> , 2005, 142, 597-605.	0.9	50
85	Inheritance Of Resistance to Mammalian Herbivores and of Plant Defensive Chemistry in an <i>Eucalyptus</i> Species. <i>Journal of Chemical Ecology</i> , 2005, 31, 357-375.	0.9	22
86	Inheritance Of Resistance To Mammalian Herbivores and Of Plant Defensive Chemistry In A <i>Eucalyptus</i> Species. <i>Journal of Chemical Ecology</i> , 2005, 31, 519-537.	0.9	11
87	Linking plant genotype, plant defensive chemistry and mammal browsing in a <i>Eucalyptus</i> species. <i>Functional Ecology</i> , 2004, 18, 677-684.	1.7	92
88	Evaluating effects of nursery and post-planting nutrient regimes on leaf chemistry and browsing of eucalypt seedlings in plantations. <i>Forest Ecology and Management</i> , 2004, 200, 101-112.	1.4	27
89	Effect of seedling characteristics at planting on browsing of <i>Eucalyptus globulus</i> by rabbits. <i>Australian Forestry</i> , 2004, 67, 25-29.	0.3	7
90	Effects of two plant secondary metabolites, cineole and gallic acid, on nightly feeding patterns of the common brushtail possum. <i>Journal of Chemical Ecology</i> , 2003, 29, 1447-1464.	0.9	87

#	ARTICLE	IF	CITATIONS
91	Influence of patch characteristics on browsing of tree seedlings by mammalian herbivores. <i>Journal of Applied Ecology</i> , 2003, 40, 458-469.	1.9	56
92	Nursery conditions affect seedling chemistry, morphology and herbivore preferences for <i>Eucalyptus nitens</i> . <i>Forest Ecology and Management</i> , 2003, 176, 585-594.	1.4	19
93	Identifying factors related to the severity of mammalian browsing damage in eucalypt plantations. <i>Forest Ecology and Management</i> , 2003, 183, 239-247.	1.4	27
94	PHOTOINHIBITION: A LINK BETWEEN EFFECTS OF THE ENVIRONMENT ON EUCALYPT LEAF CHEMISTRY AND HERBIVORY. <i>Ecology</i> , 2003, 84, 2952-2966.	1.5	62
95	Diet and diet selection of two species in the macropodid browser–grazer continuum” do they 'should'?. <i>Australian Journal of Zoology</i> , 2002, 50, 183.	0.6	52
96	Possum browsing—the downside to a eucalypt hybrid developed for frost tolerance in plantation forestry. <i>Forest Ecology and Management</i> , 2002, 157, 231-245.	1.4	21
97	Genetic variation in resistance of <i>Eucalyptus globulus</i> to marsupial browsers. <i>Oecologia</i> , 2002, 130, 289-296.	0.9	57
98	Rethinking the role of many plant phenolics - protection from photodamage not herbivores?. <i>Oikos</i> , 2002, 99, 166-172.	1.2	411
99	Evaluation of line-transect sampling to estimate nocturnal densities of macropods in open and closed habitats. <i>Wildlife Research</i> , 2001, 28, 9.	0.7	17
100	Changes in marsupial herbivore densities in relation to a forestry 1080-poisoning operation. <i>Australian Forestry</i> , 2001, 64, 175-180.	0.3	7
101	Observer error in counts of macropod scats. <i>Wildlife Research</i> , 2000, 27, 277.	0.7	28
102	Damage to and intake of plantation seedlings by captive European rabbits (<i>Oryctolagus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	0.3	11
103	Spatial distribution of browsing damage and mammalian herbivores in Tasmanian eucalypt plantations. <i>Australian Forestry</i> , 2000, 63, 27-33.	0.3	11
104	Preferences, selection and damage to seedlings under changing availability by two marsupial herbivores. <i>Forest Ecology and Management</i> , 2000, 139, 157-173.	1.4	46
105	An experimental field study of the effects of mammalian herbivore damage on <i>Eucalyptus nitens</i> seedlings. <i>Forest Ecology and Management</i> , 1999, 113, 241-249.	1.4	59
106	Salivary proline-rich proteins in mammals: Roles in oral homeostasis and counteracting dietary tannin. <i>Journal of Chemical Ecology</i> , 1995, 21, 663-691.	0.9	102
107	The effects and costs of allelochemicals for mammalian herbivores: an ecological perspective. , 1994, , 370-391.		52
108	Diet selection by a ruminant generalist browser in relation to plant chemistry. <i>Canadian Journal of Zoology</i> , 1993, 71, 2236-2243.	0.4	89

#	ARTICLE	IF	CITATIONS
109	Predicting Digestible Protein and Digestible Dry Matter in Tannin-Containing Forages Consumed by Ruminants. <i>Ecology</i> , 1992, 73, 537-541.	1.5	139
110	Tannin Chemistry in Relation to Digestion. <i>Journal of Range Management</i> , 1992, 45, 57.	0.3	245
111	Variation in Mammalian Physiological Responses to a Condensed Tannin and Its Ecological Implications. <i>Journal of Mammalogy</i> , 1991, 72, 480-486.	0.6	216
112	Effects of tannins on digestion in the common ringtail possum (<i>Pseudocheirus peregrinus</i>), a specialized marsupial folivore. <i>Journal of Zoology</i> , 1991, 225, 233-251.	0.8	26
113	Tooth wear in eastern grey kangaroos (<i>Macropus giganteus</i>) and western grey kangaroos (<i>Macropus fuliginosus</i>), and its potential influence on diet selection, digestion and population parameters. <i>Journal of Zoology</i> , 1988, 215, 491-504.	0.8	45
114	Variation in Neutral Detergent Fiber Analysis of Tannin-Rich Foliage. <i>Journal of Wildlife Management</i> , 1988, 52, 374.	0.7	8