

Chris R Pavey

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96
papers

1,760
citations

23
h-index

38
g-index

103
ext. papers

1,991
ext. citations

2.3
avg, IF

5.01
L-index

#	Paper	IF	Citations
96	The ecological effects of providing resource subsidies to predators. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1-11	6.1	185
95	The influence of size differential on agonistic behaviour in the freshwater crayfish, <i>Cherax cuspudatus</i> (Decapoda: Parastacidae). <i>Journal of Zoology</i> , 1996 , 238, 445-457	2	118
94	Population Dynamics and Prey Selection of Native and Introduced Predators During a Rodent Outbreak in Arid Australia. <i>Journal of Mammalogy</i> , 2008 , 89, 674-683	1.8	96
93	Was basking important in the evolution of mammalian endothermy?. <i>Die Naturwissenschaften</i> , 2002 , 89, 412-4	2	82
92	Effects of avian mobbing on roost use and diet of powerful owls, <i>Ninox strenua</i> . <i>Animal Behaviour</i> , 1998 , 55, 313-8	2.8	57
91	Thermal biology, torpor, and activity in free-living mulgaras in arid zone Australia during the winter reproductive season. <i>Physiological and Biochemical Zoology</i> , 2008 , 81, 442-51	2	57
90	Bird assemblages of arid Australia: Vegetation patterns have a greater effect than disturbance and resource pulses. <i>Journal of Arid Environments</i> , 2009 , 73, 634-642	2.5	46
89	Refining the pulse-reserve model for arid central Australia: Seasonal rainfall, soil moisture and plant productivity in sand ridge and stony plain habitats of the Simpson Desert. <i>Austral Ecology</i> , 2013 , 38, 741-753	1.5	45
88	Population dynamics and spatial ecology of a declining desert rodent, <i>Pseudomys australis</i> : the importance of refuges for persistence. <i>Journal of Mammalogy</i> , 2014 , 95, 615-625	1.8	43
87	TEMPORAL PATTERNS OF BATS IN THE TOP END OF THE NORTHERN TERRITORY, AUSTRALIA. <i>Journal of Mammalogy</i> , 2005 , 86, 909-920	1.8	42
86	Basking and torpor in a rock-dwelling desert marsupial: survival strategies in a resource-poor environment. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2007 , 177, 885-92	2.2	41
85	Changes in richness and abundance of rodents and native predators in response to extreme rainfall in arid Australia. <i>Austral Ecology</i> , 2013 , 38, 777-785	1.5	40
84	A comparison of three survey methods for collecting bat echolocation calls and species-accumulation rates from nightly <i>Anabat</i> recordings. <i>Wildlife Research</i> , 2004 , 31, 57	1.8	38
83	Spatial ecology of the mulgara in arid Australia: impact of fire history on home range size and burrow use. <i>Journal of Zoology</i> , 2007 , 273, 350-357	2	36
82	The role of refuges in the persistence of Australian dryland mammals. <i>Biological Reviews</i> , 2017 , 92, 647-664	3.4	34
81	Prey availability affects daily torpor by free-ranging Australian owlet-nightjars (<i>Aegotheles cristatus</i>). <i>Oecologia</i> , 2012 , 169, 361-72	2.9	34
80	Vertebrate diet decreases winter torpor use in a desert marsupial. <i>Die Naturwissenschaften</i> , 2009 , 96, 679-83	2	29

79	Dietary overlap between the nocturnal letter-winged kite <i>Elanus scriptus</i> and barn owl <i>Tyto alba</i> during a rodent outbreak in arid Australia. <i>Journal of Arid Environments</i> , 2008 , 72, 2282-2286	2.5	29
78	Bat Predation on Eared Moths: A Test of the Allotonic Frequency Hypothesis. <i>Oikos</i> , 1998 , 81, 143	4	29
77	Persistence through tough times: fixed and shifting refuges in threatened species conservation. <i>Biodiversity and Conservation</i> , 2019 , 28, 1303-1330	3.4	27
76	Greening of arid Australia: New insights from extreme years. <i>Austral Ecology</i> , 2013 , 38, 731-740	1.5	27
75	Foraging habitat and echolocation behaviour of Schneider's leafnosed bat, <i>Hipposideros speoris</i> , in a vegetation mosaic in Sri Lanka. <i>Behavioral Ecology and Sociobiology</i> , 2001 , 50, 209-218	2.5	25
74	Roost type influences torpor use by Australian owlet-nightjars. <i>Die Naturwissenschaften</i> , 2011 , 98, 845-54		24
73	Review and analysis of Australian macropod translocations 1969-2006. <i>Mammal Review</i> , 2014 , 44, 109-123		22
72	Photographic identification of individuals of a free-ranging, small terrestrial vertebrate. <i>Ecology and Evolution</i> , 2016 , 6, 800-9	2.8	22
71	Torpor and activity in a free-ranging tropical bat: implications for the distribution and conservation of mammals?. <i>Die Naturwissenschaften</i> , 2011 , 98, 447-52	2	21
70	Basking and diurnal foraging in the dasyurid marsupial <i>Pseudantechinus macdonnellensis</i> . <i>Australian Journal of Zoology</i> , 2008 , 56, 129	0.5	21
69	Demographic hurdles to persistence in <i>Acacia peuce</i> (F. Muell.): Effects of resources, fire and browsing on a threatened keystone tree species from arid Australia. <i>Journal of Arid Environments</i> , 2012 , 80, 17-26	2.5	20
68	Models of the habitat associations and distributions of insectivorous bats of the Top End of the Northern Territory, Australia. <i>Biological Conservation</i> , 2006 , 130, 370-385	6.2	20
67	Home range and spatial organisation of rock-dwelling carnivorous marsupial, <i>Pseudantechinus macdonnellensis</i> . <i>Wildlife Research</i> , 2003 , 30, 135	1.8	20
66	Dietary Benefits of Twilight Foraging by the Insectivorous Bat <i>Hipposideros speoris</i> 1. <i>Biotropica</i> , 2001 , 33, 670-681	2.3	20
65	Habitat use by the eastern horseshoe bat, <i>Rhinolophus megaphyllus</i> , in a fragmented woodland mosaic. <i>Wildlife Research</i> , 1998 , 25, 489	1.8	19
64	Behavioural observations and use of burrow systems by an endangered Australian arid-zone lizard, Slater's skink (<i>Liopholis slateri</i>). <i>Australian Journal of Zoology</i> , 2012 , 60, 127	0.5	18
63	Foraging ecology of three species of hipposiderid bats in tropical rainforest in north-east Australia. <i>Wildlife Research</i> , 2000 , 27, 283	1.8	18
62	Habitat use, population dynamics and species identification of mulgara, <i>Dasycercus blythi</i> and <i>D. cristicauda</i> , in a zone of sympatry in central Australia. <i>Australian Journal of Zoology</i> , 2011 , 59, 156	0.5	17

61	Surviving cave bats: auditory and behavioural defences in the Australian noctuid moth, <i>Speiredonia spectans</i> . <i>Journal of Experimental Biology</i> , 2008 , 211, 3808-15	3	16
60	Fear and stressing in predator-prey ecology: considering the twin stressors of predators and people on mammals. <i>PeerJ</i> , 2020 , 8, e9104	3.1	16
59	Habitat as a mediator of mesopredator-driven mammal extinction. <i>Conservation Biology</i> , 2017 , 31, 1183-1191	15	
58	Activity patterns and torpor in two free-ranging carnivorous marsupials in arid Australia in relation to precipitation, reproduction, and ground cover. <i>Journal of Mammalogy</i> , 2016 , 97, 1555-1564	1.8	14
57	The relationship between echolocation-call frequency and moth predation of a tropical bat fauna. <i>Canadian Journal of Zoology</i> , 2006 , 84, 425-433	1.5	14
56	Factors controlling regeneration in a rare desert tree <i>Acacia peuce</i> : Limits to soil seed bank accumulation in time and space. <i>Journal of Arid Environments</i> , 2013 , 90, 114-122	2.5	13
55	Foraging Ecology and Habitat Use of Slater's Skink (<i>Egernia slateri</i>): An Endangered Australian Desert Lizard. <i>Journal of Herpetology</i> , 2010 , 44, 563-571	1.1	13
54	Relative importance of plague rodents and dasyurids as prey of barn owls in central Australia. <i>Wildlife Research</i> , 2002 , 29, 203	1.8	12
53	The diet of the diadem leaf-nosed bat <i>Hipposideros diadema</i> : confirmation of a morphologically-based prediction of carnivory. <i>Journal of Zoology</i> , 1997 , 243, 295-303	2	11
52	Foraging ecology of the horseshoe bat, <i>Rhinolophus megaphyllus</i> (Rhinolophidae), in eastern Australia. <i>Wildlife Research</i> , 2004 , 31, 403	1.8	11
51	Food of the Powerful Owl <i>Ninox strenua</i> in Suburban Brisbane, Queensland. <i>Emu</i> , 1995 , 95, 231-232	1.1	10
50	Use of Gastrolith Development in Moulting Staging the Freshwater Crayfish <i>Cherax Cuspidatus</i> Riek, 1969. <i>Crustaceana</i> , 1990 , 59, 101-105	0.4	10
49	Why is the marsupial kaluta, <i>Dasykaluta rosamondae</i> , diurnally active in winter: Foraging advantages or predator avoidance in arid northern Australia?. <i>Journal of Arid Environments</i> , 2016 , 133, 25-28	2.5	9
48	Diet and prey selection of the southern marsupial mole: an enigma from Australia's sand deserts. <i>Journal of Zoology</i> , 2012 , 287, 115-123	2	9
47	Extant population of the Critically Endangered central rock-rat <i>Zyzomys pedunculatus</i> located in the Northern Territory, Australia. <i>Oryx</i> , 2013 , 47, 303-306	1.5	9
46	Behavioral biology of <i>Toxoplasma gondii</i> infection. <i>Parasites and Vectors</i> , 2021 , 14, 77	4	9
45	The lizard fauna of litter mats in the stony desert of the southern Northern Territory. <i>Australian Journal of Zoology</i> , 2012 , 60, 166	0.5	8
44	Colony sizes, roost use and foraging ecology of <i>Hipposideros diadema reginae</i> , a rare bat from tropical Australia. <i>Pacific Conservation Biology</i> , 1998 , 4, 232	1.2	8

43	The efficacy of monitoring techniques for detecting small mammals and reptiles in arid environments. <i>Wildlife Research</i> , 2017 , 44, 534	1.8	7
42	Evolution of prey holding behaviour and large male body size in Ninox owls (Strigidae). <i>Biological Journal of the Linnean Society</i> , 2008 , 95, 284-292	1.9	7
41	Exploiting boom times. Southern Boobook Owl Ninox novaeseelandiae diet during a rodent irruption in central Australia. <i>Australian Zoologist</i> , 2014 , 37, 234-237	0.7	7
40	Foraging behaviour of the endangered Australian skink (Liopholis slateri). <i>Australian Journal of Zoology</i> , 2014 , 62, 477	0.5	6
39	Diet of mala (Lagorchestes hirsutus) at Uluru-Kata Tjuta National Park and comparison with that of historic free-ranging mala in the Tanami Desert: implications for management and future reintroductions. <i>Australian Mammalogy</i> , 2015 , 37, 201	1.1	6
38	Importance of fire in influencing the occurrence of snakes in an upland region of arid Australia. <i>Austral Ecology</i> , 2012 , 37, 855-864	1.5	6
37	Persistence of ground-dwelling invertebrates in desert grasslands during a period of low rainfall Part 2. <i>Journal of Arid Environments</i> , 2018 , 157, 39-47	2.5	6
36	Weather correlates of temporal activity patterns in a desert lizard: insights for designing more effective surveys. <i>Journal of Zoology</i> , 2016 , 300, 281-290	2	5
35	Spatial ecology and shelter resources of a threatened desert rodent (Pseudomys australis) in refuge habitat. <i>Journal of Mammalogy</i> , 2017 , 98, 1604-1614	1.8	5
34	Persistence of the plains mouse, Pseudomys australis, with cattle grazing is facilitated by a diet dominated by disturbance-tolerant plants. <i>Journal of Mammalogy</i> , 2016 , 97, 1102-1110	1.8	4
33	Trophic ecology of marsupial predators in arid Australia following reshaping of predator assemblages. <i>Journal of Mammalogy</i> , 2018 , 99, 1128-1136	1.8	4
32	Small Prey Animal Habitat Use in Landscapes of Fear: Effects of Predator Presence and Human Activity Along an Urban Disturbance Gradient. <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	4
31	A demographic framework for the adaptive management of the endangered arid-zone tree species Acacia peuce. <i>Australian Journal of Botany</i> , 2013 , 61, 89	1.2	4
30	Hibernation and daily torpor in Australian and New Zealand bats: does the climate zone matter?. <i>Australian Journal of Zoology</i> , 2019 , 67, 316	0.5	4
29	Are physiological and behavioural responses to stressors displayed concordantly by wild urban rodents?. <i>Die Naturwissenschaften</i> , 2021 , 108, 5	2	4
28	Why female birds of prey are larger than males. <i>Biological Journal of the Linnean Society</i> , 2020 , 129, 532-542	1.2	3
27	Ecology of Stimson's python (Antaresia stimsoni) in the MacDonnell Ranges of central Australia. <i>Australian Journal of Zoology</i> , 2011 , 59, 95	0.5	3
26	Foraging by the endangered black-breasted button-quail (Turnix melanogaster) within fragmented rainforest of an agricultural landscape. <i>Biological Conservation</i> , 2001 , 98, 149-157	6.2	3

25	Population dynamics of dasyurid marsupials in dryland Australia: Variation across habitat and time. <i>Austral Ecology</i> , 2020 , 45, 283-290	1.5	3
24	Ecology of the Grey Falcon <i>Falco hypoleucos</i> – current and required knowledge. <i>Emu</i> , 2020 , 120, 74-82	1.1	3
23	Conserving populations at the edge of their geographic range: the endangered Caspian red deer (<i>Cervus elaphus maral</i>) across protected areas of Iran. <i>Biodiversity and Conservation</i> , 2021 , 30, 85-105	3.4	3
22	Habitat use by wandering pet cats (<i>Felis catus</i>) in a patchy urban environment. <i>Journal of Urban Ecology</i> , 2021 , 7,	2	3
21	Spatio-temporal gradients in food supply help explain the short-term colonisation dynamics of the critically endangered central rock-rat (<i>Zyzomys pedunculatus</i>). <i>Austral Ecology</i> , 2019 , 44, 838-849	1.5	2
20	Spatial dynamics and burrow occupancy in a desert lizard floodplain specialist, <i>Liopholis slateri</i> . <i>Journal of Arid Environments</i> , 2019 , 167, 8-17	2.5	2
19	Nine months in the Simpson Desert: The anatomy of a letter-winged kite breeding irruption. <i>Journal of Arid Environments</i> , 2020 , 177, 104138	2.5	2
18	The breeding and foraging ecology and abundance of the Princess Parrot (<i>Polytelis alexandrae</i>) during a population irruption. <i>Emu</i> , 2014 , NULL	1.1	2
17	Alignment between values of dryland pastoralists and conservation needs for small mammals. <i>Conservation Biology</i> , 2017 , 31, 331-342	6	2
16	Isolation and characterisation of microsatellites for the endangered Slater's skink, <i>Liopholis slateri</i> (Squamata : Scincidae), via next-generation sequencing. <i>Australian Journal of Zoology</i> , 2017 , 65, 200	0.5	2
15	Cohabitation and predation by insectivorous bats on eared moths in subterranean roosts. <i>Journal of Zoology</i> , 2005 , 265, 141-146	2	2
14	Dietary composition of insectivorous bats of the Top End of Australia. <i>Australian Mammalogy</i> , 2016 , 38, 213	1.1	2
13	Small mammal and reptile persistence in desert grasslands during a period of low rainfall [Part 1]. <i>Journal of Arid Environments</i> , 2018 , 157, 27-38	2.5	2
12	Small Prey Animal Foraging Behaviors in Landscapes of Fear: Effects of Predator Presence and Human Activity Along an Urban Disturbance Gradient. <i>Frontiers in Ecology and Evolution</i> , 2022 , 10,	3.7	2
11	Backyard Biomes: Is Anyone There? Improving Public Awareness of Urban Wildlife Activity. <i>Diversity</i> , 2022 , 14, 263	2.5	2
10	Surfacing behaviour and ecology of the marsupial mole (<i>Notoryctes typhlops</i>) at Uluru-Kata Tjuta National Park. <i>Australian Mammalogy</i> , 2014 , 36, 184	1.1	1
9	Body sizes, activity patterns and habitat relationships of the orange-naped snake (<i>Furina ornata</i>) (Serpentes : Elapidae) in the MacDonnell Ranges, Northern Territory. <i>Australian Journal of Zoology</i> , 2013 , 61, 132	0.5	1
8	Dietary Benefits of Twilight Foraging by the Insectivorous Bat <i>Hipposideros speoris</i> 1. <i>Biotropica</i> , 2001 , 33, 670	2.3	1

7	Dynamics of bird assemblages in response to temporally and spatially variable resources in arid Australia. <i>Ecology and Evolution</i> , 2021 , 11, 3977-3990	2.8	1
6	A nomadic avian predator displays flexibility in prey choice during episodic outbreaks of rodents in arid Australia. <i>Oecologia</i> , 2021 , 196, 211-222	2.9	1
5	A true desert falcon with a delayed onset of heat dissipation behaviour. <i>Journal of Arid Environments</i> , 2021 , 190, 104530	2.5	1
4	Comparative echolocation and foraging ecology of horseshoe bats (Rhinolophidae) and Old World leaf-nosed bats (Hipposideridae)1. <i>Australian Journal of Zoology</i> , 2021 ,	0.5	1
3	A novel application of hierarchical modelling to decouple sampling artifacts from socio-ecological effects on poaching intensity. <i>Biological Conservation</i> , 2022 , 267, 109488	6.2	1
2	Low activity levels are an adaptation to desert-living in the Grey Falcon, an endotherm that specializes in pursuing highly mobile prey.. <i>Journal of Thermal Biology</i> , 2022 , 103, 103108	2.9	0
1	Animals of Arid Australia: Out on Their Own?. <i>Austral Ecology</i> , 2009 , 34, 237-237	1.5	