Peter B Banks

List of Publications by Year in Descending Order

148 papers	4,564 citations	39 h-index	61 g-index
154 ext. papers	5,368 ext. citations	4 avg, IF	5.91 L-index

#	Paper	IF	Citations
148	A mechanistic understanding of prebaiting to improve interaction with wildlife management devices. *Pest Management Science*, **2021**, 77, 3107-3115	4.6	1
147	Misinformation tactics protect rare birds from problem predators. *Science Advances*, **2021**, 7,	14.3	4
146	Testing transgenerational transfer of personality in managed wildlife populations: a house mouse control experiment. *Ecological Applications*, **2021**, 31, e02247	4.9	0
145	Animal personality drives individual dietary specialisation across multiple dimensions in a mammalian herbivore. *Functional Ecology*, **2021**, 35, 2253	5.6	1
144	Haemoprotozoan surveillance in peri-urban native and introduced wildlife from Australia.. *Current Research in Parasitology and Vector-borne Diseases*, **2021**, 1, 100052		0
143	Behavioural drivers of survey bias: interactive effects of personality, the perceived risk and device properties. *Oecologia*, **2021**, 197, 117-127	2.9	0
142	The bacterial biome of ticks and their wildlife hosts at the urban-wildland interface.. *Microbial Genomics*, **2021**, 7,	4.4	1
141	Leveraging Motivations, Personality, and Sensory Cues for Vertebrate Pest Management. *Trends in Ecology and Evolution*, **2020**, 35, 990-1000	10.9	12
140	Invasive mammalian predators habituate to and generalize avian prey cues: a mechanism for conserving native prey. *Ecological Applications*, **2020**, 30, e02200	4.9	3
139	Molecular identification of the Trypanosoma (Herpetosoma) lewisi clade in black rats (Rattus rattus) from Australia. *Parasitology Research*, **2020**, 119, 1691-1696	2.4	5
138	Linking animal personality to problem-solving performance in urban common brushtail possums. *Animal Behaviour*, **2020**, 162, 35-45	2.8	11
137	Bacterial community profiling highlights complex diversity and novel organisms in wildlife ticks. *Ticks and Tick-borne Diseases*, **2020**, 11, 101407	3.6	6
136	Invasive rabbits host immature Ixodes ticks at the urban-forest interface. *Ticks and Tick-borne Diseases*, **2020**, 11, 101439	3.6	2
135	Population recovery of alien black rats Rattus rattus: A test of reinvasion theory. *Austral Ecology*, **2020**, 45, 291-304	1.5	6
134	The power of odour cues in shaping fine-scale search patterns of foraging mammalian herbivores. *Biology Letters*, **2020**, 16, 20200329	3.6	4
133	Limits to alien black rats (Rattus rattus) acting as equivalent pollinators to extinct native small mammals: the influence of stem width on mammal activity at native Banksia ericifolia inflorescences. *Biological Invasions*, **2020**, 22, 329-338	2.7	0
132	Space use by animals on the urban fringe: interactive effects of sex and personality. *Behavioral Ecology*, **2020**, 31, 330-339	2.3	12

131	Counting Ticks (Acari: Ixodida) on Hosts Is Complex: A Review and Comparison of Methods. *Journal of Medical Entomology*, **2019**, 56, 1527-1533	2.2	10
130	Peri-urban black rats host a rich assembly of ticks and healthier rats have more ticks. *Ticks and Tick-borne Diseases*, **2019**, 10, 749-753	3.6	6
129	Overcoming prey naivet□Free-living marsupials develop recognition and effective behavioral responses to alien predators in Australia. *Global Change Biology*, **2019**, 25, 1685-1695	11.4	4
128	What evidence exists on the effectiveness of different types of olfactory lures as attractants for invasive mammalian predators? A systematic map protocol. *Environmental Evidence*, **2019**, 8,	3.3	2
127	Modeling habituation of introduced predators to unrewarding bird odors for conservation of ground-nesting shorebirds. *Ecological Applications*, **2019**, 29, e01814	4.9	7
126	Biologically meaningful scents: a framework for understanding predator-prey research across disciplines. *Biological Reviews*, **2018**, 93, 98-114	13.5	63
125	Australian native mammals recognize and respond to alien predators: a meta-analysis. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	13
124	Reinvasion Is Not Invasion Again. *BioScience*, **2018**, 68, 792-804	5.7	9
123	Na□e, bold, or just hungry? An invasive exotic prey species recognises but does not respond to its predators. *Biological Invasions*, **2018**, 20, 3417-3429	2.7	10
122	Molecular surveillance of piroplasms in ticks from small and medium-sized urban and peri-urban mammals in Australia. *International Journal for Parasitology: Parasites and Wildlife*, **2018**, 7, 197-203	2.6	9
121	Food quality and conspicuousness shape improvements in olfactory discrimination by mice. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	9
120	A review of camera trapping for conservation behaviour research. *Remote Sensing in Ecology and Conservation*, **2017**, 3, 109-122	5.3	104
119	Invader Relative Impact Potential: a new metric to understand and predict the ecological impacts of existing, emerging and future invasive alien species. *Journal of Applied Ecology*, **2017**, 54, 1259-1267	5.8	123
118	Leaf odour cues enable non-random foraging by mammalian herbivores. *Journal of Animal Ecology*, **2017**, 86, 1317-1328	4.7	12
117	Using effect size benchmarks to assess when alien impacts are actually alien. *Scientific Reports*, **2017**, 7, 38627	4.9	
116	Exotic black rats increase invertebrate Ordinal richness in urban habitat remnants. *Biological Invasions*, **2017**, 19, 1315-1328	2.7	4
115	Olfactory and visual plant cues as drivers of selective herbivory. *Oikos*, **2017**, 126,	4	16
114	Trends in urban rat ecology: a framework to define the prevailing knowledge gaps and incentives for academia, pest management professionals (PMPs) and public health agencies to participate. *Journal of Urban Ecology*, **2017**, 3,	2	22

113	Novel predators emit novel cues: a mechanism for prey naivety towards alien predators. *Scientific Reports*, **2017**, 7, 16377	4.9	18
112	How dangerous conservation ideas can develop through citation errors. *Australian Zoologist*, **2017**, 38, 408-413	0.7	4
111	Extinction, de-extinction and conservation: a dangerous mix of ideas. *Australian Zoologist*, **2017**, 38, 390-394	0.7	3
110	Deadly intentions: naïve introduced foxes show rapid attraction to odour cues of an unfamiliar native prey. *Scientific Reports*, **2016**, 6, 30078	4.9	9
109	Olfactory contacts mediate plasticity in male aggression with variable male density. *Journal of Mammalogy*, **2016**, 97, 444-454	1.8	2
108	Nest Predation by Commensal Rodents in Urban Bushland Remnants. *PLoS ONE*, **2016**, 11, e0156180	3.7	8
107	Does Historical Coexistence with Dingoes Explain Current Avoidance of Domestic Dogs? Island Bandicoots Are Naïve to Dogs, unlike Their Mainland Counterparts. *PLoS ONE*, **2016**, 11, e0161447	3.7	11
106	A Nose for Death: Integrating Trophic and Informational Networks for Conservation and Management. *Frontiers in Ecology and Evolution*, **2016**, 4,	3.7	17
105	Follow your nose: leaf odour as an important foraging cue for mammalian herbivores. *Oecologia*, **2016**, 182, 643-51	2.9	19
104	Naivetïs not forever: responses of a vulnerable native rodent to its long term alien predators. *Oikos*, **2016**, 125, 918-926	4	33
103	Effective field-based methods to quantify personality in brushtail possums (Trichosurus vulpecula). *Wildlife Research*, **2016**, 43, 332	1.8	9
102	Predator odours attract other predators, creating an olfactory web of information. *Biology Letters*, **2016**, 12,	3.6	19
101	Increased olfactory search costs change foraging behaviour in an alien mustelid: a precursor to prey switching?. *Oecologia*, **2016**, 182, 119-28	2.9	6
100	Foraging in groups affects giving-up densities: solo foragers quit sooner. *Oecologia*, **2015**, 178, 707-13	2.9	16
99	The ecological impacts of commensal species: black rats, Rattus rattus, at the urbanBushland interface. *Wildlife Research*, **2015**, 42, 86	1.8	22
98	No longer naïve? Generalized responses of rabbits to marsupial predators in Australia. *Behavioral Ecology and Sociobiology*, **2015**, 69, 1649-1655	2.5	11
97	Associational refuge in practice: can existing vegetation facilitate woodland restoration?. *Oikos*, **2015**, 124, 571-580	4	17
96	Herbivore search behaviour drives associational plant refuge. *Acta Oecologica*, **2015**, 67, 1-7	1.7	15

95	Personality affects the foraging response of a mammalian herbivore to the dual costs of food and fear. *Oecologia*, **2015**, 177, 293-303	2.9	36
94	Roles of the volatile terpene, 1,8-cineole, in plant-herbivore interactions: a foraging odor cue as well as a toxin?. *Oecologia*, **2014**, 174, 827-37	2.9	29
93	Negotiating multiple cues of predation risk in a landscape of fear: what scares free-ranging brushtail possums?. *Journal of Zoology*, **2014**, 294, 22-30	2	27
92	Quantifying the response of free-ranging mammalian herbivores to the interplay between plant defense and nutrient concentrations. *Oecologia*, **2014**, 175, 1167-77	2.9	14
91	Naïveté in novel ecological interactions: lessons from theory and experimental evidence. *Biological Reviews*, **2014**, 89, 932-49	13.5	102
90	The dilemma of foraging herbivores: dealing with food and fear. *Oecologia*, **2014**, 176, 677-89	2.9	63
89	Reproductive responses of birds to experimental food supplementation: a meta-analysis. *Frontiers in Zoology*, **2014**, 11, 80	2.8	80
88	Disease and competition, not just predation, as drivers of impacts of the black rat (Rattus rattus) on island mammals. *Global Ecology and Biogeography*, **2014**, 23, 1485-1488	6.1	8
87	Competitive naïveté between a highly successful invader and a functionally similar native species. *Oecologia*, **2014**, 175, 73-84	2.9	21
86	Welfare based primate rehabilitation as a potential conservation strategy: does it measure up?. *Primates*, **2014**, 55, 139-47	1.7	12
85	Sexual conflict in mammals: consequences for mating systems and life history. *Mammal Review*, **2013**, 43, 47-58	5	26
84	A practical guide to avoid giving up on giving-up densities. *Behavioral Ecology and Sociobiology*, **2013**, 67, 1541-1553	2.5	83
83	Risk vs. reward: how predators and prey respond to aging olfactory cues. *Behavioral Ecology and Sociobiology*, **2013**, 67, 715-725	2.5	74
82	Roost selection in suburban bushland by the urban sensitive batNyctophilus gouldi. *Journal of Mammalogy*, **2013**, 94, 307-319	1.8	24
81	Is restoring flora the same as restoring fauna? Lessons learned from koalas and mining rehabilitation. *Journal of Applied Ecology*, **2013**, 50, 423-431	5.8	21
80	A survey of current mammal rehabilitation and release practices. *Biodiversity and Conservation*, **2013**, 22, 825-837	3.4	55
79	Hair type, intake, and detection method influence Rhodamine B detectability. *Journal of Wildlife Management*, **2013**, 77, 306-312	1.9	7
78	Odour cues influence predation risk at artificial bat roosts in urban bushland. *Biology Letters*, **2013**, 9, 20121144	3.6	14

77	Potential 'ecological traps' of restored landscapes: koalas Phascolarctos cinereus re-occupy a rehabilitated mine site. *PLoS ONE*, **2013**, 8, e80469	3.7	8
76	Behavioural responses to indirect and direct predator cues by a mammalian herbivore, the common brushtail possum. *Behavioral Ecology and Sociobiology*, **2012**, 66, 47-55	2.5	38
75	Influence of residency and social odors in interactions between competing native and alien rodents. *Behavioral Ecology and Sociobiology*, **2012**, 66, 329-338	2.5	13
74	Mixing nutrients mitigates the intake constraints of a plant toxin in a generalist herbivore. *Behavioral Ecology*, **2012**, 23, 879-888	2.3	22
73	Dangerous liaisons: the predation risks of receiving social signals. *Ecology Letters*, **2012**, 15, 1326-1339	10	60
72	Influences of plant toxins and their spatial distribution on foraging by the common brushtail possum, a generalist mammalian herbivore. *Journal of Chemical Ecology*, **2012**, 38, 1544-51	2.7	1
71	Sensitivity of insectivorous bats to urbanization: Implications for suburban conservation planning. *Biological Conservation*, **2012**, 146, 41-52	6.2	74
70	A review of fauna in mine rehabilitation in Australia: Current state and future directions. *Biological Conservation*, **2012**, 149, 60-72	6.2	64
69	When does an alien become a native species? A vulnerable native mammal recognizes and responds to its long-term alien predator. *PLoS ONE*, **2012**, 7, e31804	3.7	53
68	Influence of landscape structure and human modifications on insect biomass and bat foraging activity in an urban landscape. *PLoS ONE*, **2012**, 7, e38800	3.7	42
67	The foraging tightrope between predation risk and plant toxins: a matter of concentration. *Functional Ecology*, **2012**, 26, 74-83	5.6	30
66	Experimental Evaluation of Koala Scat Persistence and Detectability with Implications for Pellet-Based Fauna Census. *International Journal of Zoology*, **2012**, 2012, 1-12	1.1	19
65	Exploiting olfactory learning in alien rats to protect birds' eggs. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 19304-9	11.5	28
64	A review of the evidence for potential impacts of black rats (Rattus rattus) on wildlife and humans in Australia. *Wildlife Research*, **2012**, 39, 78	1.8	70
63	A survey of current rehabilitation practices for native mammals in eastern Australia. *Australian Mammalogy*, **2012**, 34, 108	1.1	16
62	Not just a matter of taste: palatability of bait markers is influenced by the need to search for alternative food. *Wildlife Research*, **2011**, 38, 596	1.8	5
61	Negotiating a noisy, information-rich environment in search of cryptic prey: olfactory predators need patchiness in prey cues. *Journal of Animal Ecology*, **2011**, 80, 742-52	4.7	24
60	Titrating the cost of plant toxins against predators: determining the tipping point for foraging herbivores. *Journal of Animal Ecology*, **2011**, 80, 753-60	4.7	27

59	Ecological processes in urban landscapes: mechanisms influencing the distribution and activity of insectivorous bats. *Ecography*, **2011**, 34, 814-826	6.5	62
58	Adult frogs are sensitive to the predation risks of olfactory communication. *Biology Letters*, **2011**, 7, 361-36	3	19
57	Sydney's bubonic plague outbreak 1900-1910: a disaster for foreshore wildlife?. *Australian Zoologist*, **2011**, 35, 1033-1039	0.7	11
56	The predation risks of interspecific eavesdropping: weasel–vole interactions. *Oikos*, **2010**, 119, 1210-1216	4	35
55	Interacting effects of predation risk and signal patchiness on activity and communication in house mice. *Journal of Animal Ecology*, **2010**, 79, 88-97	4.7	18
54	Microbats in a leafy urban landscape: are they persisting, and what factors influence their presence?. *Austral Ecology*, **2010**, 36, no-no	1.5	9
53	Alien Mink Predation and Colonisation Processes of Rodent Prey on Small Islands of the Baltic Sea: Does Prey Naïveté Matter?. *International Journal of Ecology*, **2010**, 2010, 1-7	1.9	2
52	Prey naiveté in an introduced prey species: the wild rabbit in Australia. *Behavioral Ecology*, **2010**, 21, 986-991	2.3	29
51	Predator manipulation experiments: impacts on populations of terrestrial vertebrate prey. *Ecological Monographs*, **2010**, 80, 531-546	9	104
50	Behavioural responses of voles to simulated risk of predation by a native and an alien mustelid: an odour manipulation experiment. *Wildlife Research*, **2010**, 37, 273	1.8	15
49	Heading for greener pastures? Defining the foraging preferences of urban long-nosed bandicoots. *Australian Journal of Zoology*, **2010**, 58, 341	0.5	9
48	Integrating the costs of plant toxins and predation risk in foraging decisions of a mammalian herbivore. *Oecologia*, **2010**, 164, 349-56	2.9	20
47	Predators are attracted to the olfactory signals of prey. *PLoS ONE*, **2010**, 5, e13114	3.7	64
46	Receiving behaviour is sensitive to risks from eavesdropping predators. *Oecologia*, **2009**, 160, 609-17	2.9	19
45	Competition in an invaded rodent community reveals black rats as a threat to native bush rats in littoral rainforest of south-eastern Australia. *Journal of Applied Ecology*, **2009**, 46, 1239-1247	5.8	57
44	Does removal of an alien predator from small islands in the Baltic Sea induce a trophic cascade?. *Ecography*, **2009**, 32, 546-552	6.5	12
43	Invasion by Rattus rattus into native coastal forests of south-eastern Australia: are native small mammals at risk?. *Austral Ecology*, **2009**, 34, 395	1.5	10
42	Voles on small islands: effects of food limitation and alien predation. *Oecologia*, **2008**, 157, 419-28	2.9	8

41	Selection pressures on zoology teaching in Australian universities: student perceptions of zoological education and how to improve it. *Australian Zoologist*, **2008**, 34, 548-553	0.7	
40	Four-legged friend or foe? Dog walking displaces native birds from natural areas. *Biology Letters*, **2007**, 3, 611-3	3.6	96
39	Occurrence of Angiostrongylus species (Nematoda) in populations of Rattus rattus and Rattus fuscipes in coastal forests of south-eastern Australia. *Australian Journal of Zoology*, **2007**, 55, 177	0.5	19
38	Do Australian small mammals respond to native and introduced predator odours?. *Austral Ecology*, **2007**, 32, 277-286	1.5	39
37	Relationship between abundance of rodents and damage to agricultural crops. *Agriculture, Ecosystems and Environment*, **2007**, 120, 405-415	5.7	62
36	Alien predators are more dangerous than native predators to prey populations. *Proceedings of the Royal Society B: Biological Sciences*, **2007**, 274, 1237-43	4.4	371
35	Predicting the occurrence of the quokka, Setonix brachyurus (Macropodidae:Marsupialia), in Western Australia's northern jarrah forest. *Wildlife Research*, **2007**, 34, 194	1.8	18
34	Alien predation and the effects of multiple levels of prey naivet *Trends in Ecology and Evolution*, **2007**, 22, 229-30; author reply 230-1	10.9	130
33	Foraging responses of wild house mice to accumulations of conspecific odor as a predation risk. *Behavioral Ecology and Sociobiology*, **2006**, 60, 101-107	2.5	13
32	Alien mink predation induces prolonged declines in archipelago amphibians. *Proceedings of the Royal Society B: Biological Sciences*, **2006**, 273, 1261-5	4.4	30
31	Foot-thumping as an alarm signal in macropodoid marsupials: prevalence and hypotheses of function. *Mammal Review*, **2006**, 36, 281-298	5	8
30	Digestive plasticity of the small intestine and the fermentative hindgut in a marsupial herbivore, the tammar wallaby (Macropus eugenii). *Australian Journal of Zoology*, **2006**, 54, 287	0.5	10
29	HABITAT USE OF THE QUOKKA, SETONIX BRACHYURUS (MACROPODIDAE: MARSUPIALIA), IN THE NORTHERN JARRAH FOREST OF AUSTRALIA. *Journal of Mammalogy*, **2005**, 86, 683-688	1.8	28
28	Using faecal pellet counts along transects to estimate quokka (Setonix brachyurus) population density. *Wildlife Research*, **2005**, 32, 503	1.8	10
27	Mortality and survivorship of the quokka (Setonix brachyurus) (Macropodidae : Marsupialia) in the northern jarrah forest of Western Australia. *Wildlife Research*, **2005**, 32, 715	1.8	9
26	Do wild dogs exclude foxes? Evidence for competition from dietary and spatial overlaps. *Austral Ecology*, **2005**, 30, 581-591	1.5	111
25	Vole cycles and predation in temperate and boreal zones of Europe. *Journal of Animal Ecology*, **2005**, 74, 1150-1159	4.7	67
24	Animal-rights zealots put wildlife welfare at risk. *Nature*, **2005**, 438, 559	50.4	1

23	Responses of four Critical Weight Range (CWR) marsupials to the odours of native and introduced predators. *Australian Zoologist*, **2005**, 33, 217-222	0.7	16
22	Does maternal condition or predation risk influence small mammal population dynamics?. *Oikos*, **2004**, 106, 176-184	4	18
21	Dynamic impacts of feral mink predation on vole metapopulations in the outer archipelago of the Baltic Sea. *Oikos*, **2004**, 105, 79-88	4	34
20	Do house mice modify their foraging behaviour in response to predator odours and habitat?. *Animal Behaviour*, **2004**, 67, 753-759	2.8	60
19	Ultraviolet properties of Australian mammal urine. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, **2004**, 190, 429-35	2.3	16
18	Home range and movements of the quokka Setonix brachyurus (Macropodidae: Marsupialia), and its impact on the viability of the metapopulation on the Australian mainland. *Journal of Zoology*, **2004**, 263, 219-228	2	34
17	Foraging behaviour and habitat use by Antechinus flavipes and Sminthopsis murina (Marsupialia: Dasyuridae) in response to predation risk in eucalypt woodland. *Biological Conservation*, **2004**, 117, 331-342	6.2	64
16	Shifting age structure of house mice during a population outbreak. *Wildlife Research*, **2004**, 31, 613	1.8	9
15	Population viability analysis in urban wildlife management: modelling management options for Sydney's quarantined bandicoots **2004**, 70-77		7
14	The effects of a low-intensity fire on small mammals and lizards in a logged, burnt forest. *Wildlife Research*, **2003**, 30, 477	1.8	23
13	Vole cycles and predation. *Trends in Ecology and Evolution*, **2003**, 18, 494-495	10.9	35
12	Do native Australian small mammals avoid faeces of domestic dogs? Responses of Rattus fuscipes and Antechinus stuartii. *Australian Zoologist*, **2003**, 32, 406-409	0.7	35
11	Mobility decisions and the predation risks of reintroduction. *Biological Conservation*, **2002**, 103, 133-138	6.2	71
10	Predation-sensitive grouping and habitat use by eastern grey kangaroos: a field experiment. *Animal Behaviour*, **2001**, 61, 1013-1021	2.8	78
9	Predation by red foxes limits recruitment in populations of eastern grey kangaroos. *Austral Ecology* , **2000**, 25, 283-291	1.5	84
8	Can Foxes Regulate Rabbit Populations?. *Journal of Wildlife Management*, **2000**, 64, 401	1.9	39
7	Nonlinearity in the predation risk of prey mobility. *Proceedings of the Royal Society B: Biological Sciences*, **2000**, 267, 1621-5	4.4	67
6	Effects of winter food supplementation on reproduction, body mass, and numbers of small mammals in montane Australia. *Canadian Journal of Zoology*, **2000**, 78, 1775-1783	1.5	45

5	Predation by introduced foxes on native bush rats in Australia: do foxes take the doomed surplus?. *Journal of Applied Ecology*, **1999**, 36, 1063-1071	5.8	49
4	Behavioural, Morphological and Dietary Response of Rabbits to Predation Risk from Foxes. *Oikos*, **1999**, 85, 247	4	46
3	Ecological Costs of Feral Predator Control: Foxes and Rabbits. *Journal of Wildlife Management*, **1998**, 62, 766	1.9	47
2	Responses of Australian Bush Rats, Rattus fuscipes, to the Odor of Introduced Vulpes vulpes. *Journal of Mammalogy*, **1998**, 79, 1260-1264	1.8	51
1	Population indices for wild carnivores: a critical study in sand-dune habitat, south-western Queensland. *Wildlife Research*, **1998**, 25, 11	1.8	90