

Diana O Fisher

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,983
citations

172457

29
h-index

168389

53
g-index

66
all docs

66
docs citations

66
times ranked

3714
citing authors

#	ARTICLE	IF	CITATIONS
1	Rarity of a top predator triggers continent-wide collapse of mammal prey: dingoes and marsupials in Australia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 341-346.	2.6	257
2	The comparative method in conservation biology. <i>Trends in Ecology and Evolution</i> , 2004, 19, 391-398.	8.7	255
3	Extrinsic versus intrinsic factors in the decline and extinction of Australian marsupials. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1801-1808.	2.6	208
4	Post-mating sexual selection increases lifetime fitness of polyandrous females in the wild. <i>Nature</i> , 2006, 444, 89-92.	27.8	187
5	The current decline of tropical marsupials in Australia: is history repeating?. <i>Global Ecology and Biogeography</i> , 2014, 23, 181-190.	5.8	122
6	How many bird and mammal extinctions has recent conservation action prevented?. <i>Conservation Letters</i> , 2021, 14, e12762.	5.7	113
7	Sperm competition drives the evolution of suicidal reproduction in mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17910-17914.	7.1	112
8	Effects of body size and home range on access to mates and paternity in male bridled nailtail wallabies. <i>Animal Behaviour</i> , 1999, 58, 121-130.	1.9	84
9	THE ECOLOGICAL BASIS OF LIFE HISTORY VARIATION IN MARSUPIALS. <i>Ecology</i> , 2001, 82, 3531-3540.	3.2	81
10	Quantifying extinction risk and forecasting the number of impending Australian bird and mammal extinctions. <i>Pacific Conservation Biology</i> , 2018, 24, 157.	1.0	78
11	Female home range size and the evolution of social organization in macropod marsupials. <i>Journal of Animal Ecology</i> , 2000, 69, 1083-1098.	2.8	76
12	The threats to Australia's imperilled species and implications for a national conservation response. <i>Pacific Conservation Biology</i> , 2019, 25, 231.	1.0	72
13	Correlates of rediscovery and the detectability of extinction in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1090-1097.	2.6	68
14	Phylogenetic correlates of extinction risk in mammals: species in older lineages are not at greater risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131092.	2.6	66
15	Dingoes affect activity of feral cats, but do not exclude them from the habitat of an endangered macropod. <i>Wildlife Research</i> , 2012, 39, 611.	1.4	61
16	Brave new green world – Consequences of a carbon economy for the conservation of Australian biodiversity. <i>Biological Conservation</i> , 2013, 161, 71-90.	4.1	61
17	Morphology captures diet and locomotor types in rodents. <i>Royal Society Open Science</i> , 2017, 4, 160957.	2.4	59
18	POPULATION DYNAMICS AND SURVIVAL OF AN ENDANGERED WALLABY: A COMPARISON OF FOUR METHODS. <i>Conservation Biology</i> , 2000, 10, 901-910.		55

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19	A decision tree for assessing the risks and benefits of publishing biodiversity data. <i>Nature Ecology and Evolution</i> , 2018, 2, 1209-1217.	7.8	52
20	Trajectories from extinction: where are missing mammals rediscovered?. <i>Global Ecology and Biogeography</i> , 2011, 20, 415-425.	5.8	51
21	Costs of Reproduction and Terminal Investment by Females in a Semelparous Marsupial. <i>PLoS ONE</i> , 2011, 6, e15226.	2.5	46
22	The conservation impacts of ecological disturbance: Timeâ€bound estimates of population loss and recovery for fauna affected by the 2019â€2020 Australian megafires. <i>Global Ecology and Biogeography</i> , 2022, 31, 2085-2104.	5.8	45
23	Introduced predators and habitat structure influence range contraction of an endangered native predator, the northern quoll. <i>Biological Conservation</i> , 2016, 203, 160-167.	4.1	43
24	Persistence through tough times: fixed and shifting refuges in threatened species conservation. <i>Biodiversity and Conservation</i> , 2019, 28, 1303-1330.	2.6	40
25	Offspring sex ratio variation in the bridled nailtail wallaby, <i>Onychogalea fraenata</i> . <i>Behavioral Ecology and Sociobiology</i> , 1999, 45, 411-419.	1.4	39
26	The large-male advantage in brown antechinuses: female choice, male dominance, and delayed male death. <i>Behavioral Ecology</i> , 2006, 17, 164-171.	2.2	39
27	Transdisciplinary synthesis for ecosystem science, policy and management: The Australian experience. <i>Science of the Total Environment</i> , 2015, 534, 173-184.	8.0	39
28	The Evolution of Relative Brain Size in Marsupials Is Energetically Constrained but Not Driven by Behavioral Complexity. <i>Brain, Behavior and Evolution</i> , 2015, 85, 125-135.	1.7	36
29	A guide for ecologists: Detecting the role of disease in faunal declines and managing population recovery. <i>Biological Conservation</i> , 2017, 214, 136-146.	4.1	33
30	Number of mates and timing of mating affect offspring growth in the small marsupial <i>Antechinus agilis</i> . <i>Animal Behaviour</i> , 2006, 71, 289-297.	1.9	29
31	Establishment of an Endangered species on a private nature refuge: what can we learn from reintroductions of the bridled nailtail wallaby <i>Onychogalea fraenata</i> ?. <i>Oryx</i> , 2012, 46, 240-248.	1.0	29
32	Correlates of Recent Declines of Rodents in Northern and Southern Australia: Habitat Structure Is Critical. <i>PLoS ONE</i> , 2015, 10, e0130626.	2.5	29
33	Population density and presence of the mother are related to natal dispersal in male and female <i>Antechinus stuartii</i> . <i>Australian Journal of Zoology</i> , 2005, 53, 103.	1.0	28
34	Experimental translocation of juvenile water voles in a Scottish lowland metapopulation. <i>Population Ecology</i> , 2009, 51, 289-295.	1.2	27
35	Timeâ€lapse camera trapping as an alternative to pitfall trapping for estimating activity of leaf litter arthropods. <i>Ecology and Evolution</i> , 2017, 7, 7527-7533.	1.9	27
36	Cost, effort and outcome of mammal rediscovery: Neglect of small species. <i>Biological Conservation</i> , 2011, 144, 1712-1718.	4.1	25

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37	Extinct or still out there? Disentangling influences on extinction and rediscovery helps to clarify the fate of species on the edge. <i>Global Change Biology</i> , 2017, 23, 621-634.	9.5	23
38	The evolution of sociality in small, carnivorous marsupials: the lek hypothesis revisited. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 593-605.	1.4	20
39	Corrigendum to: The threats to Australia's imperilled species and implications for a national conservation response. <i>Pacific Conservation Biology</i> , 2019, 25, 328.	1.0	19
40	Female home range size and the evolution of social organization in macropod marsupials. <i>Journal of Animal Ecology</i> , 2000, 69, 1083-1098.	2.8	18
41	Inferring Extinction of Mammals from Sighting Records, Threats, and Biological Traits. <i>Conservation Biology</i> , 2012, 26, 57-67.	4.7	17
42	Minimizing species extinctions through strategic planning for conservation fencing. <i>Conservation Biology</i> , 2017, 31, 1029-1038.	4.7	17
43	Ecological context and the probability of mistakes underlie speed choice. <i>Functional Ecology</i> , 2018, 32, 990-1000.	3.6	17
44	Assessing the vulnerability of an assemblage of subtropical rainforest vertebrate species to climate change in south-east Queensland. <i>Austral Ecology</i> , 2013, 38, 465-475.	1.5	15
45	Ecological generalism and resilience of tropical island mammals to logging: A 23 year test. <i>Global Change Biology</i> , 2020, 26, 3285-3293.	9.5	15
46	An Improved Body Mass Dataset for the Study of Marsupial Brain Size Evolution. <i>Brain, Behavior and Evolution</i> , 2013, 82, 81-82.	1.7	14
47	Toe-clipping of juvenile small marsupials for ecological field research: No detectable negative effects on growth or survival. <i>Austral Ecology</i> , 2009, 34, 858-865.	1.5	13
48	Diversity, extinction, and threat status in Lagomorphs. <i>Ecography</i> , 2015, 38, 1155-1165.	4.5	12
49	Demography of the northern quoll (<i>Dasyurus hallucatus</i>) in the most arid part of its range. <i>Journal of Mammalogy</i> , 2019, 100, 1191-1198.	1.3	12
50	A chromosome-level genome of <i>Antechinus flavipes</i> provides a reference for an Australian marsupial genus with male death after mating. <i>Molecular Ecology Resources</i> , 2022, 22, 740-754.	4.8	12
51	Higher extinction rates of dasyurids on Australian and Papuan continental shelf islands and the zoogeography of New Guinea mammals. <i>Journal of Biogeography</i> , 2013, 40, 747-758.	3.0	11
52	Natural history of the New Georgia Monkey-faced Bat <i>Pteralopex</i> sp. nov. from the Solomon Islands. <i>Pacific Conservation Biology</i> , 1997, 3, 134.	1.0	11
53	Variation in ectoparasite infestation on the brown antechinus, <i>Antechinus stuartii</i> , with regard to host, habitat and environmental parameters. <i>Australian Journal of Zoology</i> , 2007, 55, 169.	1.0	9
54	Prey productivity and predictability drive different axes of life-history variation in carnivorous marsupials. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181291.	2.6	9

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55	Subsistence Farmersâ€™ Management of Infestations of the Little Fire Ant in Garden Plots on Bauro, Makira Province, Solomon Islands. <i>Human Ecology</i> , 2016, 44, 765-774.	1.4	8
56	Surface friction alters the agility of a small Australian marsupial. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	7
57	Male semelparity and multiple paternity confirmed in an arid-zone dasyurid. <i>Journal of Zoology</i> , 2019, 308, 266-273.	1.7	6
58	Northern quolls in the Pilbara persist in high-quality habitat, despite a decline trajectory consistent with range eclipse by feral cats. <i>Conservation Science and Practice</i> , 2022, 4, .	2.0	5
59	Endangered Australian marsupial species survive recent drought and megafires. <i>Oryx</i> , 2021, 55, 812-813.	1.0	4
60	Common species affects the utility of non-invasive genetic monitoring of a cryptic endangered mammal: The bridled nailtail wallaby. <i>Austral Ecology</i> , 2014, 39, 633-642.	1.5	3
61	Range-wide genetic structure of a cooperative mouse in a semi-arid zone: Evidence for panmixia. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1014-1026.	1.7	3
62	A Chromosome-Level Genome of the Agile Gracile Mouse Opossum (<i>Gracilinanus agilis</i>). <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	3
63	The Ecological Basis of Life History Variation in Marsupials. <i>Ecology</i> , 2001, 82, 3531.	3.2	3
64	Community structure of dasyurid marsupials in the arid Pilbara is consistent with a top-down system, their distribution and abundance depend on that of larger members of the guild. <i>Journal of Arid Environments</i> , 2022, 198, 104680.	2.4	3
65	Response to commentary by Woinarski (Critical-weight-range marsupials in northern Australia are) Tj ETQq1 1 0.784314 rgBT /Overlook	5.8	2
66	Reply to â€˜Consider species specialism when publishing datasetsâ€™ and â€˜Decision trees for data publishing may exacerbate conservation conflictâ€™. <i>Nature Ecology and Evolution</i> , 2019, 3, 320-321.	7.8	0