

Justin A Welbergen

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,799
citations

279701

23
h-index

182361

51
g-index

66
all docs

66
docs citations

66
times ranked

3408
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change and the effects of temperature extremes on Australian flying-foxes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 419-425.	1.2	334
2	Quantifying the benefit of early climate change mitigation in avoiding biodiversity loss. <i>Nature Climate Change</i> , 2013, 3, 678-682.	8.1	291
3	The capacity of refugia for conservation planning under climate change. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 106-112.	1.9	229
4	Social Transmission of a Host Defense Against Cuckoo Parasitism. <i>Science</i> , 2009, 324, 1318-1320.	6.0	174
5	Strategic Variation in Mobbing as a Front Line of Defense against Brood Parasitism. <i>Current Biology</i> , 2009, 19, 235-240.	1.8	165
6	The frontline of avian brood parasite–host coevolution. <i>Animal Behaviour</i> , 2012, 84, 3-12.	0.8	150
7	Advances in the Study of Coevolution Between Avian Brood Parasites and Their Hosts. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 227-246.	3.8	129
8	Reed warblers discriminate cuckoos from sparrowhawks with graded alarm signals that attract mates and neighbours. <i>Animal Behaviour</i> , 2008, 76, 811-822.	0.8	115
9	Cuckoo–hawk mimicry? An experimental test. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1817-1822.	1.2	103
10	A parasite in wolf's clothing: hawk mimicry reduces mobbing of cuckoos by hosts. <i>Behavioral Ecology</i> , 2011, 22, 574-579.	1.0	94
11	Characteristics of climate change refugia for Australian biodiversity. <i>Austral Ecology</i> , 2014, 39, 887-897.	0.7	85
12	Mimicry for all modalities. <i>Ecology Letters</i> , 2016, 19, 609-619.	3.0	65
13	Forecasting wildlife die-offs from extreme heat events. <i>Animal Conservation</i> , 2019, 22, 386-395.	1.5	61
14	Stepping inside the niche: microclimate data are critical for accurate assessment of species' vulnerability to climate change. <i>Biology Letters</i> , 2014, 10, 20140576.	1.0	52
15	Avian vocal mimicry: a unified conceptual framework. <i>Biological Reviews</i> , 2015, 90, 643-668.	4.7	50
16	Extreme mobility of the world's largest flying mammals creates key challenges for management and conservation. <i>BMC Biology</i> , 2020, 18, 101.	1.7	46
17	Timing of the evening emergence from day roosts of the grey-headed flying fox, <i>Pteropus poliocephalus</i> : the effects of predation risk, foraging needs, and social context. <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 311-322.	0.6	45
18	Singing as a handicap: the effects of food availability and weather on song output in the Australian reed warbler <i>Acrocephalus australis</i> . <i>Journal of Avian Biology</i> , 2005, 36, 102-109.	0.6	44

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19	Egg discrimination in the Australian reed warbler (<i>Acrocephalus australis</i>): rejection response toward model and conspecific eggs depending on timing and mode of artificial parasitism. <i>Behavioral Ecology</i> , 2001, 12, 8-15.	1.0	40
20	Fit females and fat polygynous males: seasonal body mass changes in the grey-headed flying fox. <i>Oecologia</i> , 2011, 165, 629-637.	0.9	37
21	The functional significance of multiple nest-building in the Australian Reed Warbler <i>Acrocephalus australis</i> . <i>Ibis</i> , 2006, 148, 395-404.	1.0	31
22	Direct and indirect assessment of parasitism risk by a cuckoo host. <i>Behavioral Ecology</i> , 2012, 23, 783-789.	1.0	31
23	Avian vocalisations: the female perspective. <i>Biological Reviews</i> , 2021, 96, 1484-1503.	4.7	28
24	Elaborate Mimetic Vocal Displays by Female Superb Lyrebirds. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	26
25	Spatio-temporal vigilance architecture of an Australian flying-fox colony. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 371-380.	0.6	24
26	Testosterone is associated with harem maintenance ability in free-ranging grey-headed flying-foxes, <i>Pteropus poliocephalus</i> . <i>Biology Letters</i> , 2009, 5, 758-761.	1.0	19
27	Nocturnal torpor by superb fairy-wrens: a key mechanism for reducing winter daily energy expenditure. <i>Biology Letters</i> , 2019, 15, 20190211.	1.0	19
28	Threatened but not conserved: flying-fox roosting and foraging habitat in Australia. <i>Australian Journal of Zoology</i> , 2021, 68, 226-233.	0.6	19
29	Widespread Translocation from Autosomes to Sex Chromosomes Preserves Genetic Variability in an Endangered Lark. <i>Journal of Molecular Evolution</i> , 2010, 70, 242-246.	0.8	18
30	Estimating flying-fox mortality associated with abandonments of pups and extreme heat events during the austral summer of 2019–20. <i>Pacific Conservation Biology</i> , 2022, 28, 124-139.	0.5	18
31	Drone-based thermal remote sensing provides an effective new tool for monitoring the abundance of roosting fruit bats. <i>Remote Sensing in Ecology and Conservation</i> , 2021, 7, 461-474.	2.2	17
32	Growth, bimaturation, and sexual size dimorphism in wild gray-headed flying foxes (<i>Pteropus</i>). <i>Overlock 10</i> , 2022, 16	0.6	16
33	Variation in twilight predicts the duration of the evening emergence of fruit bats from a mixed-species roost. <i>Animal Behaviour</i> , 2008, 75, 1543-1550.	0.8	14
34	Using weather radar to monitor the number, timing and directions of flying-foxes emerging from their roosts. <i>Scientific Reports</i> , 2019, 9, 10222.	1.6	14
35	Anticipating white-nose syndrome in the Southern Hemisphere: Widespread conditions favourable to <i>Pseudogymnoascus destructans</i> pose a serious risk to Australia's bat fauna. <i>Austral Ecology</i> , 2020, 45, 89-96.	0.7	14
36	Male lyrebirds create a complex acoustic illusion of a mobbing flock during courtship and copulation. <i>Current Biology</i> , 2021, 31, 1970-1976.e4.	1.8	14

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37	Fast food in the city? Nomadic flying-foxes commute less and hang around for longer in urban areas. <i>Behavioral Ecology</i> , 2021, 32, 1151-1162.	1.0	13
38	Substantial reduction in thermo-suitable microhabitat for a rainforest marsupial under climate change. <i>Biology Letters</i> , 2018, 14, 20180189.	1.0	12
39	Impacts of an invasive ant species on roosting behavior of an island endemic flying-fox. <i>Biotropica</i> , 2019, 51, 75-83.	0.8	12
40	Risk of SARS-CoV-2 transmission from humans to bats – An Australian assessment. <i>One Health</i> , 2021, 13, 100247.	1.5	12
41	Investigation into the utility of flying foxes as bioindicators for environmental metal pollution reveals evidence of diminished lead but significant cadmium exposure.. <i>Chemosphere</i> , 2020, 254, 126839.	4.2	12
42	Rainfall-related population growth and adult sex ratio change in the critically endangered <i>Reaso lark</i> (<i>Aquila lauda razae</i>). <i>Animal Conservation</i> , 2012, 15, 466-471.	1.5	11
43	Human-modified landscapes provide key foraging areas for a threatened flying mammal: The grey-headed flying-fox. <i>PLoS ONE</i> , 2021, 16, e0259395.	1.1	10
44	Higher-order sequences of vocal mimicry performed by male Albert's lyrebirds are socially transmitted and enhance acoustic contrast. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212498.	1.2	10
45	Mother guarding: how offspring may influence the extra-pair behaviour of their parents. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2363-2368.	1.2	9
46	Ghost bats exhibit informative daily and seasonal temporal patterns in the production of social vocalisations. <i>Australian Journal of Zoology</i> , 2019, 67, 305.	0.6	8
47	Male superb lyrebirds mimic functionally distinct heterospecific vocalizations during different modes of sexual display. <i>Animal Behaviour</i> , 2022, . .	0.8	7
48	HEMATOLOGY, PLASMA BIOCHEMISTRY, AND URINALYSIS OF FREE-RANGING GREY-HEADED FLYING FOXES (<i>PTEROPUS POLIOCEPHALUS</i>) IN AUSTRALIA. <i>Journal of Zoo and Wildlife Medicine</i> , 2018, 49, 591-598.	0.3	6
49	A non-pollinating moth inflicts higher seed predation than two co-pollinators in an obligate pollination mutualism. <i>Ecological Entomology</i> , 2019, 44, 780-791.	1.1	5
50	Destruction of a conspecific nest by a female Superb Lyrebird: evidence for reproductive suppression in a bird with female-only parental care. <i>Behaviour</i> , 2019, 156, 1459-1469.	0.4	5
51	Differential geographic patterns in song components of male Albert's lyrebirds. <i>Ecology and Evolution</i> , 2021, 11, 2701-2716.	0.8	5
52	Evidence of chronic cadmium exposure identified in the critically endangered Christmas Island flying-fox (<i>Pteropus natalis</i>). <i>Science of the Total Environment</i> , 2021, 766, 144374.	3.9	5
53	Slow growth and delayed maturation in a Critically Endangered insular flying fox (<i>Pteropus natalis</i>). <i>Journal of Mammalogy</i> , 2018, 99, 1510-1521.	0.6	4
54	Anti-brood Parasite Defences: The Role of Individual and Social Learning. <i>Fascinating Life Sciences</i> , 2017, , 421-436.	0.5	3

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55	A comparison of nutritional value of native and alien food plants for a critically endangered island flying-fox. PLoS ONE, 2021, 16, e0250857.	1.1	3
56	Habitat selection in a peri-urban area by a large mammal indicates a low potential for human-wildlife conflict. Wildlife Research, 2020, 47, 381.	0.7	2
57	The ghosts of parasitism past: lingering frontline anti-brood parasite defenses in a former host. Environmental Epigenetics, 2021, 67, 573-583.	0.9	2
58	Staying in touch: how highly specialised moth pollinators track host plant phenology in unpredictable climates. BMC Ecology and Evolution, 2021, 21, 161.	0.7	2
59	Male Superb Lyrebirds (<i>Menura novaehollandiae</i>) perform an ornate multimodal display immediately following copulation. Ibis, 0, , .	1.0	2
60	Body-size dependent foraging strategies in the Christmas Island flying-fox: implications for seed and pollen dispersal within a threatened island ecosystem. Movement Ecology, 2022, 10, 19.	1.3	2
61	Serological evidence of a pararubulavirus and a betacoronavirus in the geographically isolated Christmas Island flying-fox (<i>Pteropus natalis</i>). Transboundary and Emerging Diseases, 2022, 69, , .	1.3	2

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