

Deborah S Bower

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,158
citations

586496

16
h-index

511568

30
g-index

48
all docs

48
docs citations

48
times ranked

1784
citing authors

#	ARTICLE	IF	CITATIONS
1	Red hot frogs: identifying the Australian frogs most at risk of extinction. <i>Pacific Conservation Biology</i> , 2022, 28, 211-223.	0.5	12
2	Seasonal variation in the prevalence of a fungal pathogen and unexpected clearance from infection in a susceptible frog species. <i>Diseases of Aquatic Organisms</i> , 2022, 148, 1-11.	0.5	1
3	Remote sensing to characterize inundation and vegetation dynamics of upland lagoons. <i>Ecosphere</i> , 2022, 13, .	1.0	4
4	The interplay of fungal and bacterial microbiomes on rainforest frogs following a disease outbreak. <i>Ecosphere</i> , 2022, 13, .	1.0	4
5	Condition thresholds in Australia's threatened ecological community listings hinder conservation of dynamic ecosystems. <i>Pacific Conservation Biology</i> , 2021, 27, 221.	0.5	9
6	A review of the current global status of blast fishing: Causes, implications and solutions. <i>Biological Conservation</i> , 2021, 262, 109307.	1.9	15
7	Assessing the value of acoustic indices to distinguish species and quantify activity: A case study using frogs. <i>Freshwater Biology</i> , 2020, 65, 142-152.	1.2	16
8	Disease surveillance of the amphibian chytrid fungus <i>Batrachochytrium dendrobatidis</i> in Papua New Guinea. <i>Conservation Science and Practice</i> , 2020, 2, e256.	0.9	6
9	Infection dynamics, dispersal, and adaptation: understanding the lack of recovery in a remnant frog population following a disease outbreak. <i>Heredity</i> , 2020, 125, 110-123.	1.2	9
10	Spinal arthritis in invasive cane toads is linked to rate of dispersal as well as to latitude. <i>Scientific Reports</i> , 2019, 9, 13965.	1.6	1
11	Interaction between temperature and sublethal infection with the amphibian chytrid fungus impacts a susceptible frog species. <i>Scientific Reports</i> , 2019, 9, 83.	1.6	18
12	microDecon: A highly accurate read subtraction tool for the post-sequencing removal of contamination in metabarcoding studies. <i>Environmental DNA</i> , 2019, 1, 14-25.	3.1	115
13	Island of opportunity: can New Guinea protect amphibians from a globally emerging pathogen?. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 348-354.	1.9	10
14	The return of the frogs: The importance of habitat refugia in maintaining diversity during a disease outbreak. <i>Molecular Ecology</i> , 2019, 28, 2731-2745.	2.0	8
15	A review of the role of parasites in the ecology of reptiles and amphibians. <i>Austral Ecology</i> , 2019, 44, 433-448.	0.7	47
16	Methods for normalizing microbiome data: An ecological perspective. <i>Methods in Ecology and Evolution</i> , 2019, 10, 389-400.	2.2	225
17	Strategic conservation action for frogs. <i>Animal Conservation</i> , 2018, 21, 106-107.	1.5	1
18	Salinity tolerances and use of saline environments by freshwater turtles: implications of sea level rise. <i>Biological Reviews</i> , 2018, 93, 1634-1648.	4.7	43

#	ARTICLE	IF	CITATIONS
19	Spinal arthritis in cane toads across the Australian landscape. <i>Scientific Reports</i> , 2018, 8, 12458.	1.6	3
20	Effects of emerging infectious diseases on host population genetics: a review. <i>Conservation Genetics</i> , 2017, 18, 1235-1245.	0.8	39
21	Removal of an exotic fish influences amphibian breeding site selection. <i>Journal of Wildlife Management</i> , 2017, 81, 720-727.	0.7	20
22	Using a Bayesian network to clarify areas requiring research in a host-pathogen system. <i>Conservation Biology</i> , 2017, 31, 1373-1382.	2.4	4
23	Infection increases vulnerability to climate change via effects on host thermal tolerance. <i>Scientific Reports</i> , 2017, 7, 9349.	1.6	84
24	White blood cell profiles in amphibians help to explain disease susceptibility following temperature shifts. <i>Developmental and Comparative Immunology</i> , 2017, 77, 280-286.	1.0	31
25	Realistic heat pulses protect frogs from disease under simulated rainforest frog thermal regimes. <i>Functional Ecology</i> , 2017, 31, 2274-2286.	1.7	30
26	Amphibians on the brink. <i>Science</i> , 2017, 357, 454-455.	6.0	45
27	Fighting an uphill battle: the recovery of frogs in Australia's Wet Tropics. <i>Ecology</i> , 2017, 98, 3221-3223.	1.5	25
28	Combining <i>ex situ</i> and <i>in situ</i> methods to improve water quality testing for the conservation of aquatic species. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 559-568.	0.9	2
29	Salinity tolerances of two Australian freshwater turtles, <i>Chelodina expansa</i> and <i>Emydura macquarii</i> (Testudinata: Chelidae). , 2016, 4, cow042.		24
30	<i>Stable isotope analyses reveal predation on amphibians by a globally invasive fish</i> (<i>Gambusia</i>) <i>Tj ETQqO O O rgBT /Overlock 10 Tf 5</i>	0.9	33
31	Susceptibility to disease varies with ontogeny and immunocompetence in a threatened amphibian. <i>Oecologia</i> , 2016, 181, 997-1009.	0.9	31
32	The role of non-declining amphibian species as alternative hosts for <i>Batrachochytrium dendrobatidis</i> in an amphibian community. <i>Wildlife Research</i> , 2016, 43, 341.	0.7	10
33	Low disease-causing threshold in a frog species susceptible to chytridiomycosis. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw111.	0.7	11
34	Winter microhabitat selection of a threatened pond amphibian in constructed urban wetlands. <i>Austral Ecology</i> , 2015, 40, 816-826.	0.7	11
35	Island provides a pathogen refuge within climatically suitable area. <i>Biodiversity and Conservation</i> , 2015, 24, 2583-2592.	1.2	16
36	Predator Presence and Vegetation Density Affect Capture Rates and Detectability of <i>Litoria aurea</i> Tadpoles: Wide-Ranging Implications for a Common Survey Technique. <i>PLoS ONE</i> , 2015, 10, e0143733.	1.1	8

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37	Evaluating monitoring methods to guide adaptive management of a threatened amphibian (<i>Litoria aurea</i>). <i>Ecology and Evolution</i> , 2014, 4, 1361-1368.	0.8	13
38	Six-year demographic study reveals threat of stochastic extinction for remnant populations of a threatened amphibian. <i>Austral Ecology</i> , 2014, 39, 244-253.	0.7	22
39	Sex, light, and sound: location and combination of multiple attractants affect probability of cane toad (<i>Rhinella marina</i>) capture. <i>Journal of Pest Science</i> , 2014, 87, 323-329.	1.9	19
40	A trade-off in conservation: Weed management decreases the abundance of common reptile and frog species while restoring an invaded floodplain. <i>Biological Conservation</i> , 2014, 179, 123-128.	1.9	6
41	Diet of a threatened pond frog differs over a small spatial scale. <i>Endangered Species Research</i> , 2014, 23, 93-98.	1.2	9
42	Salinity of incubation media influences embryonic development of a freshwater turtle. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 235-241.	0.7	10
43	Achieving no net loss in habitat offset of a threatened frog required high offset ratio and intensive monitoring. <i>Biological Conservation</i> , 2013, 157, 156-162.	1.9	63
44	Life stage specific variation in the occupancy of ponds by <i>Litoria aurea</i> , a threatened amphibian. <i>Austral Ecology</i> , 2013, 38, 543-547.	0.7	16
45	Ecological and physiological impacts of salinisation on freshwater turtles of the lower Murray River. <i>Wildlife Research</i> , 2012, 39, 705.	0.7	11
46	Movement and habitat use of Australia's largest snake-necked turtle: implications for water management. <i>Journal of Zoology</i> , 2012, 287, 76-80.	0.8	15
47	<i>Chelodina expansa</i> Gray 1857 "Broad-Shelled Turtle, Giant Snake-Necked Turtle. , 0, , .		2
48	A male-specific sex marker for the endangered western sawshelled turtle (<i>Myuchelys bellii</i>) using in silico whole-genome subtraction. <i>Conservation Genetics Resources</i> , 0, , 1.	0.4	1