

Laura A Brannelly

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,240
citations

394421

19
h-index

377865

34
g-index

39
all docs

39
docs citations

39
times ranked

1133
citing authors

#	ARTICLE	IF	CITATIONS
1	Chytrid fungus <i>Batrachochytrium dendrobatidis</i> has nonamphibian hosts and releases chemicals that cause pathology in the absence of infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 210-215.	7.1	153
2	Susceptibility of amphibians to chytridiomycosis is associated with MHC class II conformation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20143127.	2.6	114
3	After the epidemic: Ongoing declines, stabilizations and recoveries in amphibians afflicted by chytridiomycosis. <i>Biological Conservation</i> , 2017, 206, 37-46.	4.1	101
4	Low impact of chytridiomycosis on frog recruitment enables persistence in refuges despite high adult mortality. <i>Biological Conservation</i> , 2015, 182, 36-43.	4.1	73
5	Reservoir-host amplification of disease impact in an endangered amphibian. <i>Conservation Biology</i> , 2017, 31, 592-600.	4.7	67
6	Clinical trials with itraconazole as a treatment for chytrid fungal infections in amphibians. <i>Diseases of Aquatic Organisms</i> , 2012, 101, 95-104.	1.0	66
7	Priorities for management of chytridiomycosis in Australia: saving frogs from extinction. <i>Wildlife Research</i> , 2016, 43, 105.	1.4	60
8	Amphibians with infectious disease increase their reproductive effort: evidence for the terminal investment hypothesis. <i>Open Biology</i> , 2016, 6, 150251.	3.6	49
9	Chytrid infection and post-release fitness in the reintroduction of an endangered alpine tree frog. <i>Animal Conservation</i> , 2016, 19, 153-162.	2.9	48
10	A review of the role of parasites in the ecology of reptiles and amphibians. <i>Austral Ecology</i> , 2019, 44, 433-448.	1.5	47
11	Mechanisms underlying host persistence following amphibian disease emergence determine appropriate management strategies. <i>Ecology Letters</i> , 2021, 24, 130-148.	6.4	42
12	Fitness Consequences of Infection by <i>Batrachochytrium dendrobatidis</i> in Northern Leopard Frogs (<i>Lithobates pipiens</i>). <i>EcoHealth</i> , 2013, 10, 90-98.	2.0	37
13	Non-declining amphibians can be important reservoir hosts for amphibian chytrid fungus. <i>Animal Conservation</i> , 2018, 21, 91-101.	2.9	36
14	<i>Batrachochytrium dendrobatidis</i> in natural and farmed Louisiana crayfish populations: prevalence and implications. <i>Diseases of Aquatic Organisms</i> , 2015, 112, 229-235.	1.0	35
15	Dynamics of Chytridiomycosis during the Breeding Season in an Australian Alpine Amphibian. <i>PLoS ONE</i> , 2015, 10, e0143629.	2.5	35
16	Genetic potential for disease resistance in critically endangered amphibians decimated by chytridiomycosis. <i>Animal Conservation</i> , 2019, 22, 238-250.	2.9	29
17	Effects of hydroperiod on growth, development, survival and immune defences in a temperate amphibian. <i>Functional Ecology</i> , 2019, 33, 1952-1961.	3.6	25
18	Disease and the Drying Pond: Examining Possible Links among Drought, Immune Function, and Disease Development in Amphibians. <i>Physiological and Biochemical Zoology</i> , 2019, 92, 339-348.	1.5	24

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19	Field and Laboratory Studies of the Susceptibility of the Green Treefrog (<i>Hyla cinerea</i>) to <i>Batrachochytrium dendrobatidis</i> Infection. <i>PLoS ONE</i> , 2012, 7, e38473.	2.5	21
20	Epidermal cell death in frogs with chytridiomycosis. <i>PeerJ</i> , 2017, 5, e2925.	2.0	19
21	Low humidity is a failed treatment option for chytridiomycosis in the critically endangered southern corroboree frog. <i>Wildlife Research</i> , 2015, 42, 44.	1.4	16
22	Characterization of MHC class IA in the endangered southern corroboree frog. <i>Immunogenetics</i> , 2017, 69, 165-174.	2.4	15
23	Treatment trial of clinically ill corroboree frogs with chytridiomycosis with two triazole antifungals and electrolyte therapy. <i>Veterinary Research Communications</i> , 2015, 39, 179-187.	1.6	13
24	Effects of chytridiomycosis on hematopoietic tissue in the spleen, kidney and bone marrow in three diverse amphibian species. <i>Pathogens and Disease</i> , 2016, 74, ftw069.	2.0	12
25	Fungal infection has sublethal effects in a lowland subtropical amphibian population. <i>BMC Ecology</i> , 2018, 18, 34.	3.0	12
26	Reduced Itraconazole Concentration and Durations Are Successful in Treating <i>Batrachochytrium dendrobatidis</i> Infection in Amphibians. <i>Journal of Visualized Experiments</i> , 2014, .	0.3	11
27	Age- and size-dependent resistance to chytridiomycosis in the invasive cane toad <i>Rhinella marina</i> . <i>Diseases of Aquatic Organisms</i> , 2018, 131, 107-120.	1.0	10
28	Declining amphibians might be evolving increased reproductive effort in the face of devastating disease. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2555-2567.	2.3	9
29	The efficacy and pharmacokinetics of terbinafine against the frog-killing fungus (<i>Batrachochytrium dendrobatidis</i>). <i>Medical Mycology</i> , 2019, 57, 204-214.	0.7	8
30	Evaluating environmental DNA as a tool for detecting an amphibian pathogen using an optimized extraction method. <i>Oecologia</i> , 2020, 194, 267-281.	2.0	8
31	Optimized <i>Batrachochytrium dendrobatidis</i> DNA extraction of swab samples results in imperfect detection particularly when infection intensities are low. <i>Diseases of Aquatic Organisms</i> , 2020, 139, 233-243.	1.0	8
32	Indirect terrestrial transmission of amphibian chytrid fungus from reservoir to susceptible host species leads to fatal chytridiomycosis. <i>Animal Conservation</i> , 2021, 24, 602-612.	2.9	8
33	Once a reservoir, always a reservoir? Seasonality affects the pathogen maintenance potential of amphibian hosts. <i>Ecology</i> , 2022, , e3759.	3.2	7
34	Artificial reproduction using leuprolide acetate in the frog <i>Rana pipiens</i> . <i>Herpetological Journal</i> , 2019, , 125-130.	0.6	6
35	Using Terminal Transferase-mediated dUTP Nick End-labelling (TUNEL) and Caspase 3/7 Assays to Measure Epidermal Cell Death in Frogs with Chytridiomycosis. <i>Journal of Visualized Experiments</i> , 2018, .	0.3	4
36	Susceptibility of frogs to chytridiomycosis correlates with increased levels of immunomodulatory serotonin in the skin. <i>Cellular Microbiology</i> , 2019, 21, e13089.	2.1	4

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37	Sperm parameters following hormonal induction of spermiation in an endangered frog [the alpine		