Taegan A Mcmahon

List of Publications by Year
in descending order

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28 papers	2,211 citations	361413 20 h-index	526287 27 g-index
33 all docs	33 docs citations	33 times ranked	2885 citing authors

#	Article	IF	Citations
1	Biodiversity inhibits parasites: Broad evidence for the dilution effect. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8667-8671.	7.1	514
2	Disease and thermal acclimation in a more variable and unpredictable climate. Nature Climate Change, 2013, 3, 146-151.	18.8	213
3	Amphibians acquire resistance to live and dead fungus overcoming fungal immunosuppression. Nature, 2014, 511, 224-227.	27.8	190
4	The thermal mismatch hypothesis explains host susceptibility to an emerging infectious disease. Ecology Letters, 2017, 20, 184-193.	6.4	163
5	Chytrid fungus Batrachochytrium dendrobatidis has nonamphibian hosts and releases chemicals that cause pathology in the absence of infection. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 210-215.	7.1	153
6	An interaction between climate change and infectious disease drove widespread amphibian declines. Global Change Biology, 2019, 25, 927-937.	9.5	113
7	Fungicideâ€induced declines of freshwater biodiversity modify ecosystem functions and services. Ecology Letters, 2012, 15, 714-722.	6.4	108
8	The Fungicide Chlorothalonil Is Nonlinearly Associated with Corticosterone Levels, Immunity, and Mortality in Amphibians. Environmental Health Perspectives, 2011, 119, 1098-1103.	6.0	83
9	Early-life exposure to a herbicide has enduring effects on pathogen-induced mortality. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131502.	2.6	80
10	Temperature variability and moisture synergistically interact to exacerbate an epizootic disease. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142039.	2.6	78
11	Light and noise pollution interact to disrupt interspecific interactions. Ecology, 2017, 98, 1290-1299.	3.2	77
12	Agrochemicals increase risk of human schistosomiasis by supporting higher densities of intermediate hosts. Nature Communications, 2018, 9, 837.	12.8	71
13	Confronting inconsistencies in the amphibianâ€chytridiomycosis system: implications for disease management. Biological Reviews, 2014, 89, 477-483.	10.4	57
14	Nonmonotonic and Monotonic Effects of Pesticides on the Pathogenic Fungus Batrachochytrium dendrobatidis in Culture and on Tadpoles. Environmental Science & Technology, 2013, 47, 7958-7964.	10.0	52
15	A pesticide paradox: fungicides indirectly increase fungal infections. Ecological Applications, 2017, 27, 2290-2302.	3.8	43
16	Batrachochytrium dendrobatidis in natural and farmed Louisiana crayfish populations: prevalence and implications. Diseases of Aquatic Organisms, 2015, 112, 229-235.	1.0	35
17	Impacts of thermal mismatches on chytrid fungus Batrachochytrium dendrobatidis prevalence are moderated by life stage, body size, elevation and latitude. Ecology Letters, 2019, 22, 817-825.	6.4	35
18	Transition of Chytrid Fungus Infection from Mouthparts to Hind Limbs During Amphibian Metamorphosis. EcoHealth, 2015, 12, 188-193.	2.0	34

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19	Exposure to the Herbicide Atrazine Nonlinearly Affects Tadpole Corticosterone Levels. Journal of Herpetology, 2017, 51, 270-273.	0.5	32
20	A metaâ€analysis reveals temperature, dose, life stage, and taxonomy influence host susceptibility to a fungal parasite. Ecology, 2020, 101, e02979.	3.2	25
21	Trypan Blue Dye is an Effective and Inexpensive Way to Determine the Viability of Batrachochytrium dendrobatidis Zoospores. EcoHealth, 2014, 11, 164-167.	2.0	20
22	Reply to Salkeld et al.: Diversity-disease patterns are robust to study design, selection criteria, and publication bias. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6262.	7.1	10
23	Metabolites produced by Batrachochytrium dendrobatidis alter development in tadpoles, but not growth or mortality. Diseases of Aquatic Organisms, 2019, 135, 251-255.	1.0	7
24	Metabolites from the fungal pathogen Batrachochytrium dendrobatidis (bd) reduce Bd load in Cuban treefrog tadpoles. Journal of Applied Ecology, 2022, 59, 2398-2403.	4.0	5
25	Variability in environmental persistence but not per capita transmission rates of the amphibian chytrid fungus leads to differences in host infection prevalence. Journal of Animal Ecology, 2022, 91, 170-181.	2.8	4
26	Amphibian species vary in their learned avoidance response to the deadly fungal pathogen Batrachochytrium dendrobatidis. Journal of Applied Ecology, 2021, 58, 1613-1620.	4.0	3
27	Early-life exposure to Ivermectin alters long-term growth and disease susceptibility. PLoS ONE, 2021, 16, e0258185.	2.5	1
28	Freshwater snails and the green algae Cladophora are probably not hosts of Batrachochytrium dendrobatidis. Freshwater Biology, 2021, 66, 582-586.	2.4	0