

Mark Q Wilber

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

689
citations

623188

14
h-index

610482

24
g-index

34
all docs

34
docs citations

34
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Context-dependent conservation responses to emerging wildlife diseases. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 195-202.	1.9	147
2	Extreme drought, host density, sex, and bullfrogs influence fungal pathogen infection in a declining lotic amphibian. <i>Ecosphere</i> , 2017, 8, e01740.	1.0	53
3	Resistance, tolerance and environmental transmission dynamics determine host extinction risk in a load-dependent amphibian disease. <i>Ecology Letters</i> , 2017, 20, 1169-1181.	3.0	47
4	Moving Beyond Too Little, Too Late: Managing Emerging Infectious Diseases in Wild Populations Requires International Policy and Partnerships. <i>EcoHealth</i> , 2015, 12, 404-407.	0.9	45
5	Why disease ecology needs life-history theory: a host perspective. <i>Ecology Letters</i> , 2021, 24, 876-890.	3.0	37
6	Integral Projection Models for host-parasite systems with an application to amphibian chytrid fungus. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1182-1194.	2.2	28
7	Empirical tests of within- and across-species energetics in a diverse plant community. <i>Ecology</i> , 2014, 95, 2815-2825.	1.5	25
8	Scale collapse and the emergence of the power law species-area relationship. <i>Global Ecology and Biogeography</i> , 2015, 24, 883-895.	2.7	25
9	Modelling multi-species and multi-mode contact networks: Implications for persistence of bovine tuberculosis at the wildlife-livestock interface. <i>Journal of Applied Ecology</i> , 2019, 56, 1471-1481.	1.9	24
10	Disturbance macroecology: a comparative study of community structure metrics in a high-severity disturbance regime. <i>Ecosphere</i> , 2020, 11, e03022.	1.0	21
11	Effects of social structure and management on risk of disease establishment in wild pigs. <i>Journal of Animal Ecology</i> , 2021, 90, 820-833.	1.3	21
12	Disease hotspots or hot species? Infection dynamics in multi-host metacommunities controlled by species identity, not source location. <i>Ecology Letters</i> , 2020, 23, 1201-1211.	3.0	18
13	Defining an epidemiological landscape that connects movement ecology to pathogen transmission and pace-of-life. <i>Ecology Letters</i> , 2022, 25, 1760-1782.	3.0	18
14	Detecting and quantifying parasite-induced host mortality from intensity data: method comparisons and limitations. <i>International Journal for Parasitology</i> , 2016, 46, 59-66.	1.3	17
15	When can we infer mechanism from parasite aggregation? A constraint-based approach to disease ecology. <i>Ecology</i> , 2017, 98, 688-702.	1.5	17
16	A model for leveraging animal movement to understand spatio-temporal disease dynamics. <i>Ecology Letters</i> , 2022, 25, 1290-1304.	3.0	16
17	Biological and statistical processes jointly drive population aggregation: using host-parasite interactions to understand Taylor's power law. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171388.	1.2	14
18	Predicting functional responses in agroecosystems from animal movement data to improve management of invasive pests. <i>Ecological Applications</i> , 2020, 30, e02015.	1.8	14

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19	Disease's hidden death toll: Using parasite aggregation patterns to quantify landscape-level host mortality in a wildlife system. <i>Journal of Animal Ecology</i> , 2020, 89, 2876-2887.	1.3	12
20	Frequency-dependent transmission of <i>Batrachochytrium salamandrivorans</i> in eastern newts. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 731-741.	1.3	12
21	Fungal infection alters the selection, dispersal and drift processes structuring the amphibian skin microbiome. <i>Ecology Letters</i> , 2020, 23, 88-98.	3.0	10
22	Improving wellbeing and reducing future world population. <i>PLoS ONE</i> , 2018, 13, e0202851.	1.1	9
23	macroeco: reproducible ecological pattern analysis in Python. <i>Ecography</i> , 2016, 39, 361-367.	2.1	8
24	Individual-Level Antibody Dynamics Reveal Potential Drivers of Influenza A Seasonality in Wild Pig Populations. <i>Integrative and Comparative Biology</i> , 2019, 59, 1231-1242.	0.9	8
25	Putative resistance and tolerance mechanisms have little impact on disease progression for an emerging salamander pathogen. <i>Functional Ecology</i> , 2021, 35, 847-859.	1.7	8
26	A framework for surveillance of emerging pathogens at the human-animal interface: Pigs and coronaviruses as a case study. <i>Preventive Veterinary Medicine</i> , 2021, 188, 105281.	0.7	8
27	Once a reservoir, always a reservoir? Seasonality affects the pathogen maintenance potential of amphibian hosts. <i>Ecology</i> , 2022, , e3759.	1.5	7
28	Inferring seasonal infection risk at population and regional scales from serology samples. <i>Ecology</i> , 2020, 101, e02882.	1.5	6
29	When chytrid fungus invades: integrating theory and data to understand disease-induced amphibian declines. , 2019, , 511-543.		3
30	Integrating infection intensity into within- and between-host pathogen dynamics: implications for invasion and virulence evolution. <i>American Naturalist</i> , 2021, 198, 661-677.	1.0	3
31	High prevalence does not necessarily equal maintenance species: Avoiding biased claims of disease reservoirs when using surveillance data. <i>Journal of Animal Ecology</i> , 2022, 91, 1740-1754.	1.3	2
32	Predicting Functional Responses in Agroecosystems from Animal Movement Data to Improve Management of Invasive Pests. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01643.	0.2	0