

Kate E Langwig

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

2,109
citations

23
h-index

34
g-index

34
ext. papers

2,600
ext. citations

8.8
avg, IF

4.66
L-index

#	Paper	IF	Citations
32	An emerging disease causes regional population collapse of a common North American bat species. <i>Science</i> , 2010 , 329, 679-82	33.3	591
31	Sociality, density-dependence and microclimates determine the persistence of populations suffering from a novel fungal disease, white-nose syndrome. <i>Ecology Letters</i> , 2012 , 15, 1050-7	10	236
30	Disease alters macroecological patterns of North American bats. <i>Global Ecology and Biogeography</i> , 2015 , 24, 741-749	6.1	148
29	Host and pathogen ecology drive the seasonal dynamics of a fungal disease, white-nose syndrome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20142335	4.4	139
28	Context-dependent conservation responses to emerging wildlife diseases. <i>Frontiers in Ecology and the Environment</i> , 2015 , 13, 195-202	5.5	112
27	Bacteria isolated from bats inhibit the growth of <i>Pseudogymnoascus destructans</i> , the causative agent of white-nose syndrome. <i>PLoS ONE</i> , 2015 , 10, e0121329	3.7	91
26	Pathogen dynamics during invasion and establishment of white-nose syndrome explain mechanisms of host persistence. <i>Ecology</i> , 2017 , 98, 624-631	4.6	71
25	Resistance in persisting bat populations after white-nose syndrome invasion. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	64
24	Invasion dynamics of white-nose syndrome fungus, midwestern United States, 2012-2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1023-6	10.2	63
23	Drivers of variation in species impacts for a multi-host fungal disease of bats. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	63
22	Risk factors associated with mortality from white-nose syndrome among hibernating bat colonies. <i>Biology Letters</i> , 2011 , 7, 950-3	3.6	50
21	Deconstructing the Bat Skin Microbiome: Influences of the Host and the Environment. <i>Frontiers in Microbiology</i> , 2016 , 7, 1753	5.7	50
20	Little Brown Myotis Persist Despite Exposure to White-Nose Syndrome. <i>Journal of Fish and Wildlife Management</i> , 2011 , 2, 190-195	0.7	46
19	Long-Term Persistence of <i>Pseudogymnoascus destructans</i> , the Causative Agent of White-Nose Syndrome, in the Absence of Bats. <i>EcoHealth</i> , 2015 , 12, 330-3	3.1	40
18	Efficacy of a probiotic bacterium to treat bats affected by the disease white-nose syndrome. <i>Journal of Applied Ecology</i> , 2017 , 54, 701-708	5.8	40
17	Widespread Bat White-Nose Syndrome Fungus, Northeastern China. <i>Emerging Infectious Diseases</i> , 2016 , 22, 140-2	10.2	40
16	Moving Beyond Too Little, Too Late: Managing Emerging Infectious Diseases in Wild Populations Requires International Policy and Partnerships. <i>EcoHealth</i> , 2015 , 12, 404-7	3.1	34

15	Host persistence or extinction from emerging infectious disease: insights from white-nose syndrome in endemic and invading regions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283, 20152861	4.4	33
14	Cryptic connections illuminate pathogen transmission within community networks. <i>Nature</i> , 2018 , 563, 710-713	50.4	33
13	Environmental reservoir dynamics predict global infection patterns and population impacts for the fungal disease white-nose syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 7255-7262	11.5	26
12	Field trial of a probiotic bacteria to protect bats from white-nose syndrome. <i>Scientific Reports</i> , 2019 , 9, 9158	4.9	26
11	Vaccine Effects on Heterogeneity in Susceptibility and Implications for Population Health Management. <i>MBio</i> , 2017 , 8,	7.8	24
10	Ecology and impacts of white-nose syndrome on bats. <i>Nature Reviews Microbiology</i> , 2021 , 19, 196-210	22.2	24
9	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	7.7	23
8	Continued preference for suboptimal habitat reduces bat survival with white-nose syndrome. <i>Nature Communications</i> , 2021 , 12, 166	17.4	11
7	Limited available evidence supports theoretical predictions of reduced vaccine efficacy at higher exposure dose. <i>Scientific Reports</i> , 2019 , 9, 3203	4.9	10
6	On the Fly: Interactions Between Birds, Mosquitoes, and Environment That Have Molded West Nile Virus Genomic Structure Over Two Decades. <i>Journal of Medical Entomology</i> , 2019 , 56, 1467-1474	2.2	8
5	White-nose syndrome restructures bat skin microbiomes		4
4	Host traits and environment interact to determine persistence of bat populations impacted by white-nose syndrome.. <i>Ecology Letters</i> , 2021 ,	10	4
3	Impact of censusing and research on wildlife populations. <i>Conservation Science and Practice</i> , 2020 , 2, e264	2.2	2
2	Mobility and infectiousness in the spatial spread of an emerging fungal pathogen. <i>Journal of Animal Ecology</i> , 2021 , 90, 1134-1141	4.7	2
1	Mobility and infectiousness in the spatial spread of an emerging fungal pathogen		1