

Winifred F Frick

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.

70
papers

3,331
citations

32
h-index

57
g-index

77
ext. papers

4,154
ext. citations

5.4
avg, IF

5.41
L-index

#	Paper	IF	Citations
70	An emerging disease causes regional population collapse of a common North American bat species. <i>Science</i> , 2010 , 329, 679-82	33.3	591
69	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
68	Influence of climate and reproductive timing on demography of little brown myotis <i>Myotis lucifugus</i> . <i>Journal of Animal Ecology</i> , 2010 , 79, 128-36	4.7	157
67	Disease alters macroecological patterns of North American bats. <i>Global Ecology and Biogeography</i> , 2015 , 24, 741-749	6.1	148
66	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
65	A review of the major threats and challenges to global bat conservation. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1469, 5-25	6.5	129
64	Fatalities at wind turbines may threaten population viability of a migratory bat. <i>Biological Conservation</i> , 2017 , 209, 172-177	6.2	113
63	Context-dependent conservation responses to emerging wildlife diseases. <i>Frontiers in Ecology and the Environment</i> , 2015 , 13, 195-202	5.5	112
62	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
61	Possibility for reverse zoonotic transmission of SARS-CoV-2 to free-ranging wildlife: A case study of bats. <i>PLoS Pathogens</i> , 2020 , 16, e1008758	7.6	83
60	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
59	White-nose syndrome: is this emerging disease a threat to European bats?. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 570-6	10.9	68
58	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
57	Invasion dynamics of white-nose syndrome fungus, midwestern United States, 2012-2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1023-6	10.2	63
56	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
55	Partly Cloudy with a Chance of Migration: Weather, Radars, and Aeroecology. <i>Bulletin of the American Meteorological Society</i> , 2012 , 93, 669-686	6.1	63
54	Risk factors associated with mortality from white-nose syndrome among hibernating bat colonies. <i>Biology Letters</i> , 2011 , 7, 950-3	3.6	50

53	Deconstructing the Bat Skin Microbiome: Influences of the Host and the Environment. <i>Frontiers in Microbiology</i> , 2016 , 7, 1753	5.7	50
52	Estimating animal densities in the aerosphere using weather radar: To Z or not to Z?. <i>Ecosphere</i> , 2012 , 3, art72	3.1	49
51	ESTIMATION OF HABITAT-SPECIFIC DEMOGRAPHY AND POPULATION GROWTH FOR PEREGRINE FALCONS IN CALIFORNIA 2003 , 13, 1802-1816		49
50	Bat response to differing fire severity in mixed-conifer forest California, USA. <i>PLoS ONE</i> , 2013 , 8, e57884	3.7	46
49	Climate and weather impact timing of emergence of bats. <i>PLoS ONE</i> , 2012 , 7, e42737	3.7	43
48	Quantifying animal phenology in the aerosphere at a continental scale using NEXRAD weather radars. <i>Ecosphere</i> , 2012 , 3, art16	3.1	42
47	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
46	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
45	Widespread Bat White-Nose Syndrome Fungus, Northeastern China. <i>Emerging Infectious Diseases</i> , 2016 , 22, 140-2	10.2	40
44	Higher fat stores contribute to persistence of little brown bat populations with white-nose syndrome. <i>Journal of Animal Ecology</i> , 2019 , 88, 591-600	4.7	39
43	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
42	White-Nose Syndrome in Bats 2016 , 245-262		34
41	Conservation implications of ameliorating survival of little brown bats with white-nose syndrome. <i>Ecological Applications</i> , 2015 , 25, 1832-40	4.9	33
40	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
39	Cryptic connections illuminate pathogen transmission within community networks. <i>Nature</i> , 2018 , 563, 710-713	50.4	33
38	Energy conserving thermoregulatory patterns and lower disease severity in a bat resistant to the impacts of white-nose syndrome. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2018 , 188, 163-176	2.2	32
37	PRINCIPLES AND PATTERNS OF BAT MOVEMENTS: FROM AERODYNAMICS TO ECOLOGY. <i>Quarterly Review of Biology</i> , 2017 , 92, 267-287	5.4	28
36	Acoustic monitoring of bats, considerations of options for long-term monitoring. <i>Therya</i> , 2013 , 4, 69-78	1.8	27

35	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
34	Field trial of a probiotic bacteria to protect bats from white-nose syndrome. <i>Scientific Reports</i> , 2019 , 9, 9158	4.9	26
33	Efficacy of Visual Surveys for White-Nose Syndrome at Bat Hibernacula. <i>PLoS ONE</i> , 2015 , 10, e0133390	3.7	26
32	White-Nose Syndrome Disease Severity and a Comparison of Diagnostic Methods. <i>EcoHealth</i> , 2016 , 13, 60-71	3.1	24
31	Insectivorous bat pollinates columnar cactus more effectively per visit than specialized nectar bat. <i>American Naturalist</i> , 2013 , 181, 137-44	3.7	24
30	Potential effects of environmental contamination on Yuma Myotis demography and population growth 2007 , 17, 1213-22		24
29	Direct detection of fungal siderophores on bats with white-nose syndrome via fluorescence microscopy-guided ambient ionization mass spectrometry. <i>PLoS ONE</i> , 2015 , 10, e0119668	3.7	23
28	Nestedness of desert bat assemblages: species composition patterns in insular and terrestrial landscapes. <i>Oecologia</i> , 2009 , 158, 687-97	2.9	22
27	Facultative Nectar-Feeding Behavior in a Gleaning Insectivorous Bat (<i>Antrozous pallidus</i>). <i>Journal of Mammalogy</i> , 2009 , 90, 1157-1164	1.8	21
26	Seasonal reliance on nectar by an insectivorous bat revealed by stable isotopes. <i>Oecologia</i> , 2014 , 174, 55-65	2.9	19
25	Ecological energetics of an abundant aerial insectivore, the Purple Martin. <i>PLoS ONE</i> , 2013 , 8, e76616	3.7	19
24	The scope and severity of white-nose syndrome on hibernating bats in North America. <i>Conservation Biology</i> , 2021 , 35, 1586-1597	6	16
23	Toward integrating citizen science and radar data for migrant bird conservation. <i>Remote Sensing in Ecology and Conservation</i> , 2018 , 4, 127-136	5.3	12
22	Identifying research needs to inform white-nose syndrome management decisions. <i>Conservation Science and Practice</i> , 2020 , 2, e220	2.2	10
21	Bats of the Chilean temperate rainforest: patterns of landscape use in a mosaic of native forests, eucalyptus plantations and grasslands within a South American biodiversity hotspot. <i>Biodiversity and Conservation</i> , 2014 , 23, 1949-1963	3.4	8
20	Patterns of island occupancy in bats: influences of area and isolation on insular incidence of volant mammals. <i>Global Ecology and Biogeography</i> , 2008 , 17, 622-632	6.1	8
19	NABat: A top-down, bottom-up solution to collaborative continental-scale monitoring. <i>Ambio</i> , 2021 , 50, 901-913	6.5	8
18	<i>Aeroecology</i> 2013 , 149-167		8

17	Genetic diversity distribution among seasonal colonies of a nectar-feeding bat (<i>Leptonycteris yerbabuenae</i>) in the Baja California Peninsula. <i>Mammalian Biology</i> , 2018 , 92, 78-85	1.6	6
16	The Lofty Lives of Aerial Consumers: Linking Population Ecology and Aeroecology 2017 , 379-399		5
15	Temperature alone is insufficient to understand hibernation energetics. <i>Journal of Experimental Biology</i> , 2021 , 224,	3	5
14	Seasonal ecology of a migratory nectar-feeding bat at the edge of its range. <i>Journal of Mammalogy</i> , 2018 , 99, 1072-1081	1.8	4
13	White-nose syndrome restructures bat skin microbiomes		4
12	Setting the Terms for Zoonotic Diseases: Effective Communication for Research, Conservation, and Public Policy. <i>Viruses</i> , 2021 , 13,	6.2	4
11	Limited refugia and high velocity range-shifts predicted for bat communities in drought-risk areas of the Northern Hemisphere. <i>Global Ecology and Conservation</i> , 2021 , 28, e01608	2.8	4
10	Assessing fatality minimization for hoary bats amid continued wind energy development. <i>Biological Conservation</i> , 2021 , 262, 109309	6.2	4
9	Using behavioral and stable isotope data to quantify rare dietary plasticity in a temperate bat. <i>Journal of Mammalogy</i> , 2017 , gyw196	1.8	2
8	Experimental inoculation trial to determine the effects of temperature and humidity on White-nose Syndrome in hibernating bats.. <i>Scientific Reports</i> , 2022 , 12, 971	4.9	2
7	Planning practical evidence-based decision making in conservation within time constraints: the Strategic Evidence Assessment Framework. <i>Journal for Nature Conservation</i> , 2021 , 60, 125975	2.3	2
6	Bats Flying at High Altitudes. <i>Fascinating Life Sciences</i> , 2021 , 189-205	1.1	2
5	Island biogeography of bats in Baja California, Mexico: patterns of bat species richness in a near-shore archipelago. <i>Journal of Biogeography</i> , 2007 , 35, 071009214220001-???	4.1	1
4	Behavioural microclimate selection and physiological responses to environmental conditions in a hibernating bat. <i>Canadian Journal of Zoology</i> , 1-6	1.5	1
3	A practical conservation tool to combine diverse types of evidence for transparent evidence-based decision-making. <i>Conservation Science and Practice</i> , 2022 , 4, e579	2.2	1
2	Weather surveillance radar as an objective tool for monitoring bat phenology and biogeography. <i>Journal of Engineering</i> , 2019 , 2019, 7062-7064	0.7	0
1	Principles for the production of evidence-based guidance for conservation actions. <i>Conservation Science and Practice</i> ,	2.2	0