# Winifred F Frick

List of Publications by Year
in descending order



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|---|---|---|---|
| 70 papers | 4,785 citations | 109264 35 h-index | 110317 64 g-index |
| 77 all docs | 77 docs citations | 77 times ranked | 3778 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | An Emerging Disease Causes Regional Population Collapse of a Common North American Bat Species. Science, 2010, 329, 679-682. | 6.0 | 735 |
| 2 | Sociality, densityâ€dependence and microclimates determine the persistence of populations suffering from a novel fungal disease, whiteâ€nose syndrome. Ecology Letters, 2012, 15, 1050-1057. | 3.0 | 299 |
| 3 | A review of the major threats and challenges to global bat conservation. Annals of the New York Academy of Sciences, 2020, 1469, 5-25. | 1.8 | 297 |
| 4 | Disease alters macroecological patterns of <scp>N</scp>orth <scp>A</scp>merican bats. Global Ecology and Biogeography, 2015, 24, 741-749. | 2.7 | 206 |
| 5 | Influence of climate and reproductive timing on demography of little brown myotis <i>Myotis lucifugus</i>. Journal of Animal Ecology, 2010, 79, 128-136. | 1.3 | 187 |
| 6 | Host and pathogen ecology drive the seasonal dynamics of a fungal disease, white-nose syndrome. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142335. | 1.2 | 181 |
| 7 | Fatalities at wind turbines may threaten population viability of a migratory bat. Biological Conservation, 2017, 209, 172-177. | 1.9 | 178 |
| 8 | Contextâ€dependent conservation responses to emerging wildlife diseases. Frontiers in Ecology and the Environment, 2015, 13, 195-202. | 1.9 | 147 |
| 9 | Possibility for reverse zoonotic transmission of SARS-CoV-2 to free-ranging wildlife: A case study of bats. PLoS Pathogens, 2020, 16, e1008758. | 2.1 | 127 |
| 10 | Bacteria Isolated from Bats Inhibit the Growth of Pseudogymnoascus destructans, the Causative Agent of White-Nose Syndrome. PLoS ONE, 2015, 10, e0121329. | 1.1 | 120 |
| 11 | The scope and severity of whiteâ€nose syndrome on hibernating bats in North America. Conservation Biology, 2021, 35, 1586-1597. | 2.4 | 102 |
| 12 | Pathogen dynamics during invasion and establishment of whiteâ€nose syndrome explain mechanisms of host persistence. Ecology, 2017, 98, 624-631. | 1.5 | 100 |
| 13 | Drivers of variation in species impacts for a multi-host fungal disease of bats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150456. | 1.8 | 92 |
| 14 | Invasion Dynamics of White-Nose Syndrome Fungus, Midwestern United States, 2012â€"2014. Emerging Infectious Diseases, 2015, 21, 1023-1026. | 2.0 | 88 |
| 15 | Resistance in persisting bat populations after white-nose syndrome invasion. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160044. | 1.8 | 86 |
| 16 | White-nose syndrome: is this emerging disease a threat to European bats?. Trends in Ecology and Evolution, 2011, 26, 570-576. | 4.2 | 82 |
| 17 | Partly Cloudy with a Chance of Migration: Weather, Radars, and Aeroecology. Bulletin of the American Meteorological Society, 2012, 93, 669-686. | 1.7 | 81 |
| 18 | Deconstructing the Bat Skin Microbiome: Influences of the Host and the Environment. Frontiers in Microbiology, 2016, 7, 1753. | 1.5 | 81 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Long-Term Persistence of Pseudogymnoascus destructans, the Causative Agent of White-Nose Syndrome, in the Absence of Bats. EcoHealth, 2015, 12, 330-333. | 0.9 | 68 |
| 20 | Risk factors associated with mortality from white-nose syndrome among hibernating bat colonies. Biology Letters, 2011, 7, 950-953. | 1.0 | 62 |
| 21 | Higher fat stores contribute to persistence of little brown bat populations with whiteâ€nose syndrome. Journal of Animal Ecology, 2019, 88, 591-600. | 1.3 | 62 |
| 22 | Estimating animal densities in the aerosphere using weather radar: To <i>Z</i> or not to <i>Z</i>?. Ecosphere, 2012, 3, 1-19. | 1.0 | 61 |
| 23 | ESTIMATION OF HABITAT-SPECIFIC DEMOGRAPHY AND POPULATION GROWTH FOR PEREGRINE FALCONS IN CALIFORNIA. , 2003, 13, 1802-1816. | | 59 |
| 24 | Efficacy of a probiotic bacterium to treat bats affected by the disease whiteâ€nose syndrome. Journal of Applied Ecology, 2017, 54, 701-708. | 1.9 | 59 |
| 25 | Climate and Weather Impact Timing of Emergence of Bats. PLoS ONE, 2012, 7, e42737. | 1.1 | 57 |
| 26 | White-Nose Syndrome in Bats. , 2016, , 245-262. | | 57 |
| 27 | Bat Response to Differing Fire Severity in Mixed-Conifer Forest California, USA. PLoS ONE, 2013, 8, e57884. | 1.1 | 56 |
| 28 | Widespread Bat White-Nose Syndrome Fungus, Northeastern China. Emerging Infectious Diseases, 2015, 22, 140-142. | 2.0 | 54 |
| 29 | Cryptic connections illuminate pathogen transmission within community networks. Nature, 2018, 563, 710-713. | 13.7 | 54 |
| 30 | Environmental reservoir dynamics predict global infection patterns and population impacts for the fungal disease white-nose syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7255-7262. | 3.3 | 53 |
| 31 | Field trial of a probiotic bacteria to protect bats from white-nose syndrome. Scientific Reports, 2019, 9, 9158. | 1.6 | 50 |
| 32 | Principles and Patterns of Bat Movements: From Aerodynamics to Ecology. Quarterly Review of Biology, 2017, 92, 267-287. | 0.0 | 46 |
| 33 | Quantifying animal phenology in the aerosphere at a continental scale using NEXRAD weather radars. Ecosphere, 2012, 3, art16. | 1.0 | 45 |
| 34 | Moving Beyond Too Little, Too Late: Managing Emerging Infectious Diseases in Wild Populations Requires International Policy and Partnerships. EcoHealth, 2015, 12, 404-407. | 0.9 | 45 |
| 35 | Energy conserving thermoregulatory patterns and lower disease severity in a bat resistant to the impacts of white-nose syndrome. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2018, 188, 163-176. | 0.7 | 42 |
| 36 | Host persistence or extinction from emerging infectious disease: insights from white-nose syndrome in endemic and invading regions. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152861. | 1.2 | 40 |

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|---|---|---|---|
| 37 | Conservation implications of ameliorating survival of little brown bats with whiteâ€nose syndrome. Ecological Applications, 2015, 25, 1832-1840. | 1.8 | 39 |
| 38 | White-Nose Syndrome Disease Severity and a Comparison of Diagnostic Methods. EcoHealth, 2016, 13, 60-71. | 0.9 | 39 |
| 39 | Assessing fatality minimization for hoary bats amid continued wind energy development. Biological Conservation, 2021, 262, 109309. | 1.9 | 37 |
| 40 | Efficacy of Visual Surveys for White-Nose Syndrome at Bat Hibernacula. PLoS ONE, 2015, 10, e0133390. | 1.1 | 34 |
| 41 | Acoustic monitoring of bats â€“ current considerations of options for long-term monitoring and future opportunities. Therya, 2013, 4, 69-78. | 0.2 | 32 |
| 42 | Direct Detection of Fungal Siderophores on Bats with White-Nose Syndrome via Fluorescence Microscopy-Guided Ambient Ionization Mass Spectrometry. PLoS ONE, 2015, 10, e0119668. | 1.1 | 30 |
| 43 | POTENTIAL EFFECTS OF ENVIRONMENTAL CONTAMINATION ON YUMA MYOTIS DEMOGRAPHY AND POPULATION GROWTH. , 2007, 17, 1213-1222. | | 28 |
| 44 | Nestedness of desert bat assemblages: species composition patterns in insular and terrestrial landscapes. Oecologia, 2009, 158, 687-697. | 0.9 | 28 |
| 45 | Facultative Nectar-Feeding Behavior in a Gleaning Insectivorous Bat (<i>Antrozous pallidus</i>). Journal of Mammalogy, 2009, 90, 1157-1164. | 0.6 | 27 |
| 46 | Insectivorous Bat Pollinates Columnar Cactus More Effectively per Visit than Specialized Nectar Bat. American Naturalist, 2013, 181, 137-144. | 1.0 | 27 |
| 47 | Seasonal reliance on nectar by an insectivorous bat revealed by stable isotopes. Oecologia, 2014, 174, 55-65. | 0.9 | 24 |
| 48 | Setting the Terms for Zoonotic Diseases: Effective Communication for Research, Conservation, and Public Policy. Viruses, 2021, 13, 1356. | 1.5 | 23 |
| 49 | Ecological Energetics of an Abundant Aerial Insectivore, the Purple Martin. PLoS ONE, 2013, 8, e76616. | 1.1 | 22 |
| 50 | Identifying research needs to inform whiteâ€nose syndrome management decisions. Conservation Science and Practice, 2020, 2, e220. | 0.9 | 21 |
| 51 | Toward integrating citizen science and radar data for migrant bird conservation. Remote Sensing in Ecology and Conservation, 2018, 4, 127-136. | 2.2 | 17 |
| 52 | NABat: A top-down, bottom-up solution to collaborative continental-scale monitoring. Ambio, 2021, 50, 901-913. | 2.8 | 16 |
| 53 | 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. Biodiversity and Conservation, 2014, 23, 1949-1963. | 1.2 | 12 |
| 54 | Aeroecology. , 2013, , 149-167. | | 12 |

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|---|---|---|---|
| 55 | Genetic diversity distribution among seasonal colonies of a nectar-feeding bat (Leptonycteris) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 0.8 | 11 |
| 56 | Temperature alone is insufficient to understand hibernation energetics. Journal of Experimental Biology, 2021, 224, . | 0.8 | 11 |
| 57 | A practical conservation tool to combine diverse types of evidence for transparent evidenceâ€based decisionâ€making. Conservation Science and Practice, 2022, 4, e579. | 0.9 | 11 |
| 58 | Island biogeography of bats in Baja California, Mexico: patterns of bat species richness in a near-shore archipelago. Journal of Biogeography, 2007, 35, 071009214220001-???. | 1.4 | 10 |
| 59 | Patterns of island occupancy in bats: influences of area and isolation on insular incidence of volant mammals. Global Ecology and Biogeography, 2008, 17, 622-632. | 2.7 | 9 |
| 60 | Planning practical evidence-based decision making in conservation within time constraints: the Strategic Evidence Assessment Framework. Journal for Nature Conservation, 2021, 60, 125975. | 0.8 | 9 |
| 61 | Limited refugia and high velocity range-shifts predicted for bat communities in drought-risk areas of the Northern Hemisphere. Global Ecology and Conservation, 2021, 28, e01608. | 1.0 | 9 |
| 62 | Seasonal ecology of a migratory nectar-feeding bat at the edge of its range. Journal of Mammalogy, 2018, 99, 1072-1081. | 0.6 | 8 |
| 63 | The Lofty Lives of Aerial Consumers: Linking Population Ecology and Aeroecology. , 2017, , 379-399. | | 6 |
| 64 | Bats Flying at High Altitudes. Fascinating Life Sciences, 2021, , 189-205. | 0.5 | 6 |
| 65 | Weather surveillance radar as an objective tool for monitoring bat phenology and biogeography. Journal of Engineering, 2019, 2019, 7062-7064. | 0.6 | 5 |
| 66 | Principles for the production of evidenceâ€based guidance for conservation actions. Conservation Science and Practice, 2022, 4, . | 0.9 | 5 |
| 67 | Experimental inoculation trial to determine the effects of temperature and humidity on White-nose Syndrome in hibernating bats. Scientific Reports, 2022, 12, 971. | 1.6 | 4 |
| 68 | Using behavioral and stable isotope data to quantify rare dietary plasticity in a temperate bat. Journal of Mammalogy, 0, , gyw196. | 0.6 | 3 |
| 69 | Behavioural microclimate selection and physiological responses to environmental conditions in a hibernating bat. Canadian Journal of Zoology, 2022, 100, 233-238. | 0.4 | 3 |
| 70 | Rediscovery of the critically endangered Hill's horseshoe bat (Rhinolophus hilli) and other new records of bat species in Rwanda. Biodiversity Data Journal, 0, 10, . | 0.4 | 0 |