

M Brock Fenton

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2280198/m-brock-fenton-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

65
papers

2,034
citations

24
h-index

44
g-index

70
ext. papers

2,330
ext. citations

6.5
avg, IF

4.93
L-index

#	Paper	IF	Citations
65	Species on the menu of a generalist predator, the eastern red bat (<i>Lasiurus borealis</i>): using a molecular approach to detect arthropod prey. <i>Molecular Ecology</i> , 2009 , 18, 2532-42	5.7	198
64	<i>Myotis lucifugus</i> . <i>Mammalian Species</i> , 1980 , 1	0.5	135
63	Dynamics of jamming avoidance in echolocating bats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271, 1467-75	4.4	123
62	Summer activity of <i>Myotis lucifugus</i> (Chiroptera:Vespertilionidae) at hibernacula in Ontario and Quebec. <i>Canadian Journal of Zoology</i> , 1969 , 47, 597-602	1.5	117
61	The influence of moth hearing on bat echolocation strategies. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1979 , 132, 77-86	2.3	106
60	Neotropical bats: estimating species diversity with DNA barcodes. <i>PLoS ONE</i> , 2011 , 6, e22648	3.7	104
59	Echolocation call intensity in the aerial hawking bat <i>Eptesicus bottae</i> (Vespertilionidae) studied using stereo videogrammetry. <i>Journal of Experimental Biology</i> , 2005 , 208, 1321-7	3	92
58	A bony connection signals laryngeal echolocation in bats. <i>Nature</i> , 2010 , 463, 939-42	50.4	86
57	Evolution of high duty cycle echolocation in bats. <i>Journal of Experimental Biology</i> , 2012 , 215, 2935-44	3	85
56	Host and host-site specificity of bat flies (Diptera: Streblidae and Nycteribiidae) on Neotropical bats (Chiroptera). <i>Canadian Journal of Zoology</i> , 2004 , 82, 616-626	1.5	71
55	The use of Doppler-shifted echoes as a flutter detection and clutter rejection system: the echolocation and feeding behavior of <i>Hipposideros ruber</i> (Chiroptera: Hipposideridae). <i>Behavioral Ecology and Sociobiology</i> , 1984 , 15, 109-114	2.5	71
54	Echolocation behaviour of vespertilionid bats (<i>Lasiurus cinereus</i> and <i>Lasiurus borealis</i>) attacking airborne targets including arctiid moths. <i>Canadian Journal of Zoology</i> , 1992 , 70, 1292-1298	1.5	69
53	Bats 2015 ,		66
52	Going, going, gone: the impact of white-nose syndrome on the summer activity of the little brown bat (<i>Myotis lucifugus</i>). <i>Biology Letters</i> , 2011 , 7, 392-4	3.6	64
51	Conspecifics influence call design in the Brazilian free-tailed bat, <i>Tadarida brasiliensis</i> . <i>Canadian Journal of Zoology</i> , 2004 , 82, 966-971	1.5	59
50	Livestock abundance predicts vampire bat demography, immune profiles and bacterial infection risk. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018 , 373,	5.8	51
49	Observational learning in three species of insectivorous bats (Chiroptera). <i>Animal Behaviour</i> , 1984 , 32, 385-388	2.8	44

48	High duty cycle echolocation and prey detection by bats. <i>Journal of Experimental Biology</i> , 2011 , 214, 1131-7	4.2	42
47	Hunting in unfamiliar space: echolocation in the Indian false vampire bat, <i>Megaderma lyra</i> , when gleaning prey. <i>Behavioral Ecology and Sociobiology</i> , 2005 , 58, 157-164	2.5	41
46	Mercury bioaccumulation in bats reflects dietary connectivity to aquatic food webs. <i>Environmental Pollution</i> , 2018 , 233, 1076-1085	9.3	37
45	Phenotypic flexibility in migrating bats: seasonal variation in body composition, organ sizes and fatty acid profiles. <i>Journal of Experimental Biology</i> , 2013 , 216, 800-8	3	36
44	Questions, ideas and tools: lessons from bat echolocation. <i>Animal Behaviour</i> , 2013 , 85, 869-879	2.8	31
43	Evidence of latitudinal migration in tri-colored bats, <i>Perimyotis subflavus</i> . <i>PLoS ONE</i> , 2012 , 7, e31419	3.7	28
42	Genetic Variation and Population Structure in Big Brown Bats (<i>Eptesicus fuscus</i>): Is Female Dispersal Important?. <i>Journal of Mammalogy</i> , 2008 , 89, 1411-1420	1.8	28
41	Variation in the use of Harmonics in the Calls of Laryngeally Echolocating Bats. <i>Acta Chiropterologica</i> , 2011 , 13, 169-178	1	17
40	Range-wide genetic structure and demographic history in the bat ectoparasite <i>Cimex adjunctus</i> . <i>BMC Evolutionary Biology</i> , 2016 , 16, 268	3	15
39	Convergences in the diversification of bats. <i>Environmental Epigenetics</i> , 2010 , 56, 454-468	2.4	15
38	Approaches to integrating genetic data into ecological networks. <i>Molecular Ecology</i> , 2019 , 28, 503-519	5.7	15
37	COVID-19 and threats to bats. <i>Facets</i> , 2020 , 5, 349-352	2.3	14
36	Disassembly of Fragmented Bat Communities in Orange Walk District, Belize. <i>Acta Chiropterologica</i> , 2018 , 20, 147	1	14
35	Knowledge gaps about rabies transmission from vampire bats to humans. <i>Nature Ecology and Evolution</i> , 2020 , 4, 517-518	12.3	11
34	Bats. <i>Current Biology</i> , 2010 , 20, R1060-2	6.3	11
33	How high is high? Using percentile thresholds to identify peak bat activity. <i>Canadian Journal of Zoology</i> , 2015 , 93, 307-313	1.5	10
32	Ecological and evolutionary drivers of haemoplasma infection and bacterial genotype sharing in a Neotropical bat community. <i>Molecular Ecology</i> , 2020 , 29, 1534-1549	5.7	10
31	Technical note: side-scan sonar enables rapid detection of aquatic reptiles in turbid lotic systems. <i>European Journal of Wildlife Research</i> , 2013 , 59, 123-127	2	10

30	Drinking and flying: does alcohol consumption affect the flight and echolocation performance of phyllostomid bats?. <i>PLoS ONE</i> , 2010 , 5, e8993	3.7	10
29	Bats and white-nose syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 6794-5	11.5	10
28	Aspects of the Winter Ecology of Bats on Haida Gwaii, British Columbia. <i>Northwestern Naturalist</i> , 2014 , 95, 289-299		8
27	Community structure of a Neotropical bat fauna as revealed by stable isotope analysis: Not all species fit neatly into predicted guilds. <i>Biotropica</i> , 2019 , 51, 719-730	2.3	7
26	Morphology, Diet and Flower-visiting by Phyllostomid Bats in Cuba. <i>Biotropica</i> , 2014 , 46, 433-440	2.3	6
25	Host association and selection on salivary protein genes in bed bugs and related blood-feeding ectoparasites. <i>Royal Society Open Science</i> , 2017 , 4, 170446	3.3	5
24	Sonar Signals of Bats and Toothed Whales. <i>Springer Handbook of Auditory Research</i> , 2014 , 11-59	1.2	5
23	Temporal patterns of vampire bat rabies and host connectivity in Belize. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 870-879	4.2	5
22	Population structure in two geographically sympatric and congeneric ectoparasites (<i>Cimex adjunctus</i> and <i>Cimex lectularius</i>) in the North American Great Lakes region. <i>Canadian Journal of Zoology</i> , 2017 , 95, 901-907	1.5	4
21	Sensory biology: echolocation from click to call, mouth to wing. <i>Current Biology</i> , 2014 , 24, R1160-2	6.3	4
20	Ecology. The world through a bat's ear. <i>Science</i> , 2011 , 333, 528-9	33.3	4
19	Flagship Species [Flagship Problems: recovery of species at risk and the conservation of biodiversity in Canada] This introduction is part of the virtual symposium Flagship Species [Flagship Problems] that deals with ecology, biodiversity and management issues, and their importance and conservation in Canada, including the order Chiroptera.	1.5	4
18	Echolocation and the thoracic skeletons of bats: a comparative morphological study. <i>Acta Chiropterologica</i> , 2007 , 9, 483-494	1	4
17	Host association influences variation at salivary protein genes in the bat ectoparasite <i>Cimex adjunctus</i> . <i>Journal of Evolutionary Biology</i> , 2018 , 31, 753-763	2.3	3
16	Veselka et al. reply. <i>Nature</i> , 2010 , 466, E9-E9	50.4	3
15	Chemical characterisation of potential pheromones from the shoulder gland of the Northern yellow-shouldered-bat, (Phyllostomidae: Stenodermatinae). <i>PeerJ</i> , 2019 , 7, e7734	3.1	3
14	Evolution of Echolocation 2013 , 47-70		3
13	Systematic variation in the stable hydrogen isotope ($\delta^2\text{H}$) composition of fur from summer populations of two species of temperate insectivorous bats. <i>Mammalian Biology</i> , 2015 , 80, 278-284	1.6	2

12	Bats navigate with cognitive maps. <i>Science</i> , 2020 , 369, 142	33.3	2
11	A History of the Study of Echolocation. <i>Springer Handbook of Auditory Research</i> , 2016 , 1-24	1.2	2
10	Bat bites and rabies: the Canadian scene. <i>Facets</i> , 2020 , 5, 367-380	2.3	2
9	Temporal patterns of vampire bat rabies and host connectivity in Belize		2
8	The benefits of insect-swarm hunting in echolocating bats, and its influence on the evolution of bat echolocation signals		2
7	Comment on Population genetics reveal <i>Myotis keenii</i> (Keen's myotis) and <i>Myotis evotis</i> (long-eared myotis) to be a single species. <i>Canadian Journal of Zoology</i> , 2021 , 99, 415-422	1.5	2
6	A vesicular stomatitis virus-based prime-boost vaccination strategy induces potent and protective neutralizing antibodies against SARS-CoV-2. <i>PLoS Pathogens</i> , 2021 , 17, e1010092	7.6	2
5	Veselka et al. reply. <i>Nature</i> , 2010 , 466, E7-E7	50.4	1
4	Bed bugs: The move to humans as hosts. <i>Facets</i> , 2019 , 4, 105-110	2.3	1
3	Bat selfies: photographic surveys of flying bats. <i>Mammalian Biology</i> , 2022 , 1-17	1.6	1
2	Misconceptions and misinformation about bats and viruses. <i>International Journal of Infectious Diseases</i> , 2021 , 105, 606-607	10.5	0
1	M. Brock Fenton. <i>Current Biology</i> , 2022 , 32, R200-R201	6.3	0