

M Brock Fenton

List of Publications by Year in Descending Order

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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.

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	M. Brock Fenton.. <i>Current Biology</i> , 2022 , 32, R200-R201	6.3	0
64	Bat selfies: photographic surveys of flying bats.. <i>Mammalian Biology</i> , 2022 , 1-17	1.6	1
63	Misconceptions and misinformation about bats and viruses. <i>International Journal of Infectious Diseases</i> , 2021 , 105, 606-607	10.5	0
62	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
61	Temporal patterns of vampire bat rabies and host connectivity in Belize. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 870-879	4.2	5
60	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
59	Knowledge gaps about rabies transmission from vampire bats to humans. <i>Nature Ecology and Evolution</i> , 2020 , 4, 517-518	12.3	11
58	Bats navigate with cognitive maps. <i>Science</i> , 2020 , 369, 142	33.3	2
57	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
56	COVID-19 and threats to bats. <i>Facets</i> , 2020 , 5, 349-352	2.3	14
55	Bat bites and rabies: the Canadian scene. <i>Facets</i> , 2020 , 5, 367-380	2.3	2
54	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
53	Bed bugs: The move to humans as hosts. <i>Facets</i> , 2019 , 4, 105-110	2.3	1
52	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
51	Approaches to integrating genetic data into ecological networks. <i>Molecular Ecology</i> , 2019 , 28, 503-519	5.7	15
50	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
49	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

48	Mercury bioaccumulation in bats reflects dietary connectivity to aquatic food webs. <i>Environmental Pollution</i> , 2018 , 233, 1076-1085	9.3	37
47	Disassembly of Fragmented Bat Communities in Orange Walk District, Belize. <i>Acta Chiropterologica</i> , 2018 , 20, 147	1	14
46	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
45	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
44	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
43	A History of the Study of Echolocation. <i>Springer Handbook of Auditory Research</i> , 2016 , 1-24	1.2	2
42	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
41	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
40	Bats 2015 ,		66
39	Morphology, Diet and Flower-visiting by Phyllostomid Bats in Cuba. <i>Biotropica</i> , 2014 , 46, 433-440	2.3	6
38	Aspects of the Winter Ecology of Bats on Haida Gwaii, British Columbia. <i>Northwestern Naturalist</i> , 2014 , 95, 289-299		8
37	Sensory biology: echolocation from click to call, mouth to wing. <i>Current Biology</i> , 2014 , 24, R1160-2	6.3	4
36	Sonar Signals of Bats and Toothed Whales. <i>Springer Handbook of Auditory Research</i> , 2014 , 11-59	1.2	5
35	Questions, ideas and tools: lessons from bat echolocation. <i>Animal Behaviour</i> , 2013 , 85, 869-879	2.8	31
34	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
33	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
32	Evolution of Echolocation 2013 , 47-70		3
31	Evolution of high duty cycle echolocation in bats. <i>Journal of Experimental Biology</i> , 2012 , 215, 2935-44	3	85

30	Evidence of latitudinal migration in tri-colored bats, <i>Perimyotis subflavus</i> . <i>PLoS ONE</i> , 2012 , 7, e31419	3.7	28
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	Neotropical bats: estimating species diversity with DNA barcodes. <i>PLoS ONE</i> , 2011 , 6, e22648	3.7	104
27	Ecology. The world through a bat's ear. <i>Science</i> , 2011 , 333, 528-9	33.3	4
26	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 climate impacts on species at risk and of Canadian importance, including the polar bear (Ursus	1.5	4
25	Variation in the use of Harmonics in the Calls of Laryngeally Echolocating Bats. <i>Actaribou (Rangifer Chiropterologica)</i> , 2011 , 13, 169-178 <i>logy</i> , 2011 , 89, 369-370	1	17
24	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
23	High duty cycle echolocation and prey detection by bats. <i>Journal of Experimental Biology</i> , 2011 , 214, 1133-7	42	
22	A bony connection signals laryngeal echolocation in bats. <i>Nature</i> , 2010 , 463, 939-42	50.4	86
21	Veselka et al. reply. <i>Nature</i> , 2010 , 466, E7-E7	50.4	1
20	Veselka et al. reply. <i>Nature</i> , 2010 , 466, E9-E9	50.4	3
19	Convergences in the diversification of bats. <i>Environmental Epigenetics</i> , 2010 , 56, 454-468	2.4	15
18	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
17	Bats. <i>Current Biology</i> , 2010 , 20, R1060-2	6.3	11
16	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
15	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
14	Echolocation and the thoracic skeletons of bats: a comparative morphological study. <i>Acta Chiropterologica</i> , 2007 , 9, 483-494	1	4
13	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

12	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
11	Dynamics of jamming avoidance in echolocating bats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271, 1467-75	4.4	123
10	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
9	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
8	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
7	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
6	Observational learning in three species of insectivorous bats (Chiroptera). <i>Animal Behaviour</i> , 1984 , 32, 385-388	2.8	44
5	<i>Myotis lucifugus</i> . <i>Mammalian Species</i> , 1980 , 1	0.5	135
4	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
3	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
2	Temporal patterns of vampire bat rabies and host connectivity in Belize		2
1	The benefits of insect-swarm hunting in echolocating bats, and its influence on the evolution of bat echolocation signals		2