

# Paul A Faure

## List of Publications by Citations

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**Version:** 2024-04-28

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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.

51  
papers

1,145  
citations

19  
h-index

33  
g-index

56  
ext. papers

1,329  
ext. citations

5.8  
avg, IF

4.32  
L-index

#	Paper	IF	Citations
51	Temporal masking reveals properties of sound-evoked inhibition in duration-tuned neurons of the inferior colliculus. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 3052-65	6.6	124
50	A bony connection signals laryngeal echolocation in bats. <i>Nature</i> , <b>2010</b> , 463, 939-42	50.4	86
49	Evolution of high duty cycle echolocation in bats. <i>Journal of Experimental Biology</i> , <b>2012</b> , 215, 2935-44	3	85
48	The sensory basis of prey detection by the long-eared bat, <i>Myotis evotis</i> , and the consequences for prey selection. <i>Animal Behaviour</i> , <b>1992</b> , 44, 31-39	2.8	76
47	Antiphonal calling allows individual discrimination in white-winged vampire bats. <i>Animal Behaviour</i> , <b>2008</b> , 76, 1343-1355	2.8	68
46	Social vocalizations of big brown bats vary with behavioral context. <i>PLoS ONE</i> , <b>2012</b> , 7, e44550	3.7	57
45	Duration tuning across vertebrates. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 6373-90	6.6	47
44	Wound Healing in the Flight Membranes of Big Brown Bats. <i>Journal of Mammalogy</i> , <b>2009</b> , 90, 1148-1156	1.8	47
43	Computational models of millisecond level duration tuning in neural circuits. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 9255-70	6.6	43
42	Temporal and spectral differences in the ultrasonic vocalizations of fragile X knock out mice during postnatal development. <i>Behavioural Brain Research</i> , <b>2014</b> , 259, 119-30	3.4	42
41	Roosting Behavior and Roost Selection by Migrating Silver-Haired Bats ( <i>Lasionycteris noctivagans</i> ). <i>Journal of Mammalogy</i> , <b>1988</b> , 69, 821-825	1.8	42
40	Duration tuning in the auditory midbrain of echolocating and non-echolocating vertebrates. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2011</b> , 197, 571-83	3.3	39
39	Duration selectivity of neurons in the inferior colliculus of the big brown bat: tolerance to changes in sound level. <i>Journal of Neurophysiology</i> , <b>2005</b> , 94, 1869-78	3.2	39
38	Examining the mechanisms responsible for lower ROS release rates in liver mitochondria from the long-lived house sparrow ( <i>Passer domesticus</i> ) and big brown bat ( <i>Eptesicus fuscus</i> ) compared to the short-lived mouse ( <i>Mus musculus</i> ). <i>Mechanisms of Ageing and Development</i> , <b>2009</b> , 130, 467-76	5.6	33
37	Sensory-based niche partitioning in a multiple predator - multiple prey community. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20150520	4.4	29
36	The physiology of insect auditory afferents. <i>Microscopy Research and Technique</i> , <b>2004</b> , 63, 338-50	2.8	26
35	Thermocron iButton and iBBat temperature dataloggers emit ultrasound. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2009</b> , 179, 867-74	2.2	25

34	DNA methylation predicts age and provides insight into exceptional longevity of bats. <i>Nature Communications</i> , <b>2021</b> , 12, 1615	17.4	23
33	Determining feeding state and rate of mass change in insectivorous bats using plasma metabolite analysis. <i>Physiological and Biochemical Zoology</i> , <b>2009</b> , 82, 812-8	2	21
32	Revisiting adaptations of neotropical katydids (Orthoptera: Tettigoniidae) to gleaning bat predation. <i>Neotropical Biodiversity</i> , <b>2017</b> , 3, 41-49	0.7	19
31	Variation in the use of Harmonics in the Calls of Laryngeally Echolocating Bats. <i>Acta Chiropterologica</i> , <b>2011</b> , 13, 169-178	1	17
30	Morphological, olfactory, and vocal development in big brown bats. <i>Biology Open</i> , <b>2014</b> , 4, 22-34	2.2	14
29	Estradiol transfer from male big brown bats ( <i>Eptesicus fuscus</i> ) to the reproductive and brain tissues of cohabiting females, and its action as a pheromone. <i>General and Comparative Endocrinology</i> , <b>2014</b> , 208, 126-33	3	13
28	Monaural and binaural inhibition underlying duration-tuned neurons in the inferior colliculus. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 481-92	6.6	12
27	Ultrasonic vocalizations emitted by flying squirrels. <i>PLoS ONE</i> , <b>2013</b> , 8, e73045	3.7	12
26	Organization and trade-off of spectro-temporal tuning properties of duration-tuned neurons in the mammalian inferior colliculus. <i>Journal of Neurophysiology</i> , <b>2014</b> , 111, 2047-60	3.2	11
25	Recovery cycle times of inferior colliculus neurons in the awake bat measured with spike counts and latencies. <i>Frontiers in Neural Circuits</i> , <b>2012</b> , 6, 56	3.5	10
24	Seasonal and reproductive effects on wound healing in the flight membranes of captive big brown bats. <i>Biology Open</i> , <b>2014</b> , 4, 95-103	2.2	9
23	Decoding stimulus duration from neural responses in the auditory midbrain. <i>Journal of Neurophysiology</i> , <b>2014</b> , 112, 2432-45	3.2	9
22	Wound healing in the flight membranes of wild big brown bats. <i>Journal of Wildlife Management</i> , <b>2016</b> , 80, 19-26	1.9	7
21	Tuning for rate and duration of frequency-modulated sweeps in the mammalian inferior colliculus. <i>Journal of Neurophysiology</i> , <b>2018</b> , 120, 985-997	3.2	7
20	Calling songs of Neotropical katydids (Orthoptera: Tettigoniidae) from Panama. <i>Journal of Orthoptera Research</i> , <b>2020</b> , 29, 137-201	1	6
19	Wound healing in wing membranes of the Egyptian fruit bat ( <i>Rousettus aegyptiacus</i> ) and big brown bat ( <i>Eptesicus fuscus</i> ). <i>Journal of Mammalogy</i> , <b>2018</b> , 99, 974-982	1.8	6
18	Frequency tuning of synaptic inhibition underlying duration-tuned neurons in the mammalian inferior colliculus. <i>Journal of Neurophysiology</i> , <b>2017</b> , 117, 1636-1656	3.2	5
17	Progesterone transfer among cohabitating female big brown bats ( <i>Eptesicus fuscus</i> ). <i>General and Comparative Endocrinology</i> , <b>2017</b> , 247, 199-204	3	5

16	Dichotic sound localization properties of duration-tuned neurons in the inferior colliculus of the big brown bat. <i>Frontiers in Physiology</i> , <b>2014</b> , 5, 215	4.6	5
15	A Device for Restraining Bats. <i>Acta Chiropterologica</i> , <b>2014</b> , 16, 255-260	1	4
14	Veselka et al. reply. <i>Nature</i> , <b>2010</b> , 466, E9-E9	50.4	3
13	Sonar strobe groups and buzzes are produced before powered flight is achieved in the juvenile big brown bat., <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,	3	2
12	Bat bites and rabies: the Canadian scene. <i>Facets</i> , <b>2020</b> , 5, 367-380	2.3	2
11	Development of hearing in the big brown bat. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2021</b> , 207, 27-42	2.3	2
10	High frequency sensitivity to interaural onset time differences in the bat inferior colliculus. <i>Hearing Research</i> , <b>2021</b> , 400, 108133	3.9	2
9	Seroprevalence in Bats and Detection of in Bat Ectoparasites. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	1
8	Neural Coding of Signal Duration and Complex Acoustic Objects. <i>Springer Handbook of Auditory Research</i> , <b>2016</b> , 167-206	1.2	1
7	Veselka et al. reply. <i>Nature</i> , <b>2010</b> , 466, E7-E7	50.4	1
6	Seasonal transfer and quantification of urinary estradiol in the big brown bat ( <i>Eptesicus fuscus</i> ). <i>General and Comparative Endocrinology</i> , <b>2020</b> , 286, 113321	3	1
5	Testing inferior colliculus neurons for selectivity to the rate or duration of frequency modulated sweeps <b>2018</b> ,		1
4	Effect of sound pressure level on contralateral inhibition underlying duration-tuned neurons in the mammalian inferior colliculus. <i>Journal of Neurophysiology</i> , <b>2019</b> , 122, 184-202	3.2	0
3	Quantification of Urinary Sex Steroids in the Big Brown Bat (). <i>Physiological and Biochemical Zoology</i> , <b>2022</b> , 95, 22-34	2	
2	Skin pH varies among bat species and seasons and between wild and captive bats. <b>2021</b> , 9, coab088		
1	Huff and Puff or Shutær Down: Hypoxia-Tolerant Mammals Respond Differently to Low Oxygen. <i>FASEB Journal</i> , <b>2015</b> , 29, 686.3	0.9	