

# Rickye S Heffner

## List of Publications by Year in descending order

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55  
papers

3,004  
citations

159585

30  
h-index

175258

52  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1493  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral Measurements of Absolute and Frequency Difference Thresholds in Guinea Pig. Journal of the Acoustical Society of America, 1971, 49, 1888-1895.	1.1	186
2	Visual factors in sound localization in mammals. Journal of Comparative Neurology, 1992, 317, 219-232.	1.6	173
3	Audiogram of the hooded Norway rat. Hearing Research, 1994, 73, 244-247.	2.0	163
4	Hearing range of the domestic cat. Hearing Research, 1985, 19, 85-88.	2.0	151
5	Primate hearing from a mammalian perspective. The Anatomical Record, 2004, 281A, 1111-1122.	1.8	145
6	Hearing in the elephant ( <i>Elephas maximus</i> ): Absolute sensitivity, frequency discrimination, and sound localization.. Journal of Comparative and Physiological Psychology, 1982, 96, 926-944.	1.8	144
7	Degenerate hearing and sound localization in naked mole rats ( <i>Heterocephalus glaber</i> ), with an overview of central auditory structures. Journal of Comparative Neurology, 1993, 331, 418-433.	1.6	135
8	Hearing and sound localization in blind mole rats ( <i>Spalax ehrenbergi</i> ). Hearing Research, 1992, 62, 206-216.	2.0	122
9	Behavioral hearing range of the chinchilla. Hearing Research, 1991, 52, 13-16.	2.0	112
10	Vestigial hearing in a fossorial mammal, the pocket gopher ( <i>Geomys bursarius</i> ). Hearing Research, 1990, 46, 239-252.	2.0	104
11	Sound localization acuity in the cat: Effect of azimuth, signal duration, and test procedure. Hearing Research, 1988, 36, 221-232.	2.0	99
12	Hearing in large mammals: Horses ( <i>Equus caballus</i> ) and cattle ( <i>Bos taurus</i> ).. Behavioral Neuroscience, 1983, 97, 299-309.	1.2	95
13	Evolution of Sound Localization in Mammals. , 1992, , 691-715.		95
14	Sound localization and use of binaural cues by the gerbil ( <i>Meriones unguiculatus</i> ).. Behavioral Neuroscience, 1988, 102, 422-428.	1.2	83
15	Free-field audiogram of the Japanese macaque ( <i>Macaca fuscata</i> ). Journal of the Acoustical Society of America, 1999, 106, 3017-3023.	1.1	78
16	Audiogram of the big brown bat ( <i>Eptesicus fuscus</i> ). Hearing Research, 1997, 105, 202-210.	2.0	70
17	Sound localization in large mammals: Localization of complex sounds by horses.. Behavioral Neuroscience, 1984, 98, 541-555.	1.2	65
18	Hearing in two cricetid rodents: Wood rat ( <i>Neotoma floridana</i> ) and grasshopper mouse ( <i>Onychomys</i> )	0.5	58

#	ARTICLE	IF	CITATIONS
19	Passive sound-localization ability of the big brown bat ( <i>Eptesicus fuscus</i> ). <i>Hearing Research</i> , 1998, 119, 37-48.	2.0	54
20	Behavioral audiograms of homozygous medJ mutant mice with sodium channel deficiency and unaffected controls. <i>Hearing Research</i> , 2002, 171, 111-118.	2.0	53
21	Hearing in large mammals: Sound-localization acuity in cattle ( <i>Bos taurus</i> ) and goats ( <i>Capra hircus</i> ).. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1992, 106, 107-113.	0.5	51
22	Sound localization in wild Norway rats ( <i>Rattus norvegicus</i> ). <i>Hearing Research</i> , 1985, 19, 151-155.	2.0	46
23	Audiogram of the chicken ( <i>Gallus gallus domesticus</i> ) from 2ÂkHz to 9ÂkHz. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2014, 200, 863-870.	1.6	45
24	Hearing in prairie dogs: Transition between surface and subterranean rodents. <i>Hearing Research</i> , 1994, 73, 185-189.	2.0	44
25	Sound localization in a new-world frugivorous bat, <i>Artibeus jamaicensis</i> : Acuity, use of binaural cues, and relationship to vision. <i>Journal of the Acoustical Society of America</i> , 2001, 109, 412-421.	1.1	39
26	Sound localization in chinchillas. I: Left/right discriminations. <i>Hearing Research</i> , 1994, 80, 247-257.	2.0	38
27	Localization of noise, use of binaural cues, and a description of the superior olivary complex in the smallest carnivore, the least weasel ( <i>Mustela nivalis</i> ).. <i>Behavioral Neuroscience</i> , 1987, 101, 701-708.	1.2	35
28	Sound localization in chinchillas III: Effect of pinna removal. <i>Hearing Research</i> , 1996, 99, 13-21.	2.0	35
29	Laboratory rats ( <i>Rattus norvegicus</i> ) do not use binaural phase differences to localize sound. <i>Hearing Research</i> , 2010, 265, 54-62.	2.0	34
30	Hearing in American leaf-nosed bats. II: <i>Carollia perspicillata</i> . <i>Hearing Research</i> , 2003, 178, 27-34.	2.0	33
31	Sound localization in an old-world fruit bat ( <i>Rousettus aegyptiacus</i> ): Acuity, use of binaural cues, and relationship to vision.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1999, 113, 297-306.	0.5	31
32	Hearing in alpacas ( <i>Vicugna pacos</i> ): Audiogram, localization acuity, and use of binaural locus cues. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 778-788.	1.1	29
33	Sound localization in chinchillas. II. Front/back and vertical localization. <i>Hearing Research</i> , 1995, 88, 190-198.	2.0	28
34	Hearing in American leaf-nosed bats. III: <i>Artibeus jamaicensis</i> . <i>Hearing Research</i> , 2003, 184, 113-122.	2.0	28
35	Sound-localization acuity and its relation to vision in large and small fruit-eating bats: I. Echolocating species, <i>Phyllostomus hastatus</i> and <i>Carollia perspicillata</i> . <i>Hearing Research</i> , 2007, 234, 1-9.	2.0	26
36	Hearing in American leaf-nosed bats. IV: The Common vampire bat, <i>Desmodus rotundus</i> . <i>Hearing Research</i> , 2013, 296, 42-50.	2.0	26

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37	Hearing in American leaf-nosed bats. I: <i>Phyllostomus hastatus</i> . <i>Hearing Research</i> , 2002, 171, 96-102.	2.0	24
38	Conditioned suppression/avoidance as a procedure for testing hearing in birds: The domestic pigeon ( <i>Columba livia</i> ). <i>Behavior Research Methods</i> , 2013, 45, 383-392.	4.0	20
39	Hearing in large ( <i>Eidolon helvum</i> ) and small ( <i>Cynopterus brachyotis</i> ) non-echolocating fruit bats. <i>Hearing Research</i> , 2006, 221, 17-25.	2.0	18
40	A syringe-pump food-paste dispenser. <i>Behavior Research Methods</i> , 1990, 22, 449-450.	1.3	14
41	Sound localization acuity and its relation to vision in large and small fruit-eating bats: II. Non-echolocating species, <i>Eidolon helvum</i> and <i>Cynopterus brachyotis</i> . <i>Hearing Research</i> , 2008, 241, 80-86.	2.0	13
42	The evolution of mammalian hearing. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	13
43	Explaining High-Frequency Hearing. <i>Anatomical Record</i> , 2010, 293, 2080-2082.	1.4	12
44	Sound localization in common vampire bats: Acuity and use of the binaural time cue by a small mammal. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 42-52.	1.1	12
45	Budgerigars ( <i>Melopsittacus undulatus</i> ) do not hear infrasound: the audiogram from 8ÂkHz to 10ÂkHz. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2016, 202, 853-857.	1.6	12
46	Volumes of cochlear nucleus regions in rodents. <i>Hearing Research</i> , 2016, 339, 161-174.	2.0	10
47	Hearing in Indian peafowl ( <i>Pavo cristatus</i> ): sensitivity to infrasound. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2020, 206, 899-906.	1.6	7
48	Use of binaural cues for sound localization in large and small non-echolocating bats: <i>Eidolon helvum</i> and <i>Cynopterus brachyotis</i> . <i>Journal of the Acoustical Society of America</i> , 2010, 127, 3837-3845.	1.1	6
49	Use of binaural cues for sound localization in two species of Phyllostomidae: The Greater spear-nosed bat ( <i>Phyllostomus hastatus</i> ) and the Short-tailed fruit bat ( <i>Carollia perspicillata</i> ).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2010, 124, 447-454.	0.5	5
50	Hearing and sound localization in Cottontail rabbits, <i>Sylvilagus floridanus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2020, 206, 543-552.	1.6	3
51	Comments on "Killer whale ( <i>Orcinus orca</i> ) behavioral audiograms" [J. Acoust. Soc. Am. 141, 2387-2398 (2017)]. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 500-503.	1.1	2
52	Normal audiogram but poor sensitivity to brief sounds in mice with compromised voltage-gated sodium channels ( <i>Scn8a</i> ). <i>Hearing Research</i> , 2019, 374, 1-4.	2.0	2
53	Bats are unusually insensitive to brief low-frequency tones. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 583-594.	1.6	1
54	Reply to the letter of J. Guo and Y. Chen. <i>Hearing Research</i> , 2004, 198, 146-147.	2.0	0

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55	Comment on Greene etÂal.: Spatial hearing ability of the pigmented Guinea pig ( <i>Cavia porcellus</i> ): Minimum audible angle and spatial release from masking in azimuth. <i>Hearing Research</i> , 2018, 370, 302-303.	2.0	0