

R S Heffner

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,168
citations

147801

31
h-index

276875

41
g-index

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41
docs citations

41
times ranked

1622
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Audiograms of five species of rodents: implications for the evolution of hearing and the perception of pitch. <i>Hearing Research</i> , 2001, 157, 138-152.	2.0	140
6	An investigation of sensory deficits underlying the aphasia-like behavior of macaques with auditory cortex lesions. <i>NeuroReport</i> , 2001, 12, 1217-1221.	1.2	45
7	Free-field audiogram of the Japanese macaque (<i>Macaca fuscata</i>). <i>Journal of the Acoustical Society of America</i> , 1999, 106, 3017-3023.	1.1	78
8	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 (Washington, D C: 1983)</i> , 1999, 113, 297-306.	0.5	31
9	Passive sound-localization ability of the big brown bat (<i>Eptesicus fuscus</i>). <i>Hearing Research</i> , 1998, 119, 37-48.	2.0	54
10	Hearing in a megachiropteran fruit bat (<i>Rousettus aegyptiacus</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 1998, 112, 371-382.	0.5	39
11	Comparative Study of Sound Localization and its Anatomical Correlates in Mammals. <i>Acta Oto-Laryngologica</i> , 1997, 117, 46-53.	0.9	38
12	Audiogram of the fox squirrel (<i>Sciurus niger</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	15
13	Audiogram of the big brown bat (<i>Eptesicus fuscus</i>). <i>Hearing Research</i> , 1997, 105, 202-210.	2.0	70
14	Sound localization in chinchillas III: Effect of pinna removal. <i>Hearing Research</i> , 1996, 99, 13-21.	2.0	35
15	Sound localization in chinchillas. II. Front/back and vertical localization. <i>Hearing Research</i> , 1995, 88, 190-198.	2.0	28
16	Hearing in prairie dogs: Transition between surface and subterranean rodents. <i>Hearing Research</i> , 1994, 73, 185-189.	2.0	44
17	Audiogram of the hooded Norway rat. <i>Hearing Research</i> , 1994, 73, 244-247.	2.0	163
18	Sound localization in chinchillas. I: Left/right discriminations. <i>Hearing Research</i> , 1994, 80, 247-257.	2.0	38

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19	Degenerate hearing and sound localization in naked mole rats (<i>Heterocephalus glaber</i>), with an overview of central auditory structures. <i>Journal of Comparative Neurology</i> , 1993, 331, 418-433.	1.6	135
20	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
21	Hearing and sound localization in blind mole rats (<i>Spalax ehrenbergi</i>). <i>Hearing Research</i> , 1992, 62, 206-216.	2.0	122
22	Visual factors in sound localization in mammals. <i>Journal of Comparative Neurology</i> , 1992, 317, 219-232.	1.6	173
23	Objective auditory threshold estimation using sine-wave derived responses. <i>Hearing Research</i> , 1991, 55, 109-116.	2.0	15
24	Behavioral hearing range of the chinchilla. <i>Hearing Research</i> , 1991, 52, 13-16.	2.0	112
25	Effect of bilateral auditory cortex lesions on absolute thresholds in Japanese macaques. <i>Journal of Neurophysiology</i> , 1990, 64, 191-205.	1.8	38
26	Effect of bilateral auditory cortex lesions on sound localization in Japanese macaques. <i>Journal of Neurophysiology</i> , 1990, 64, 915-931.	1.8	164
27	Hearing in domestic pigs (<i>Sus scrofa</i>) and goats (<i>Capra hircus</i>). <i>Hearing Research</i> , 1990, 48, 231-240.	2.0	103
28	Vestigial hearing in a fossorial mammal, the pocket gopher (<i>Geomys bursarius</i>). <i>Hearing Research</i> , 1990, 46, 239-252.	2.0	104
29	Cortical deafness cannot account for the inability of Japanese macaques to discriminate species-specific vocalizations. <i>Brain and Language</i> , 1989, 36, 275-285.	1.6	26
30	Sound Localization, Use of Binaural Cues and the Superior Olivary Complex in Pigs. <i>Brain, Behavior and Evolution</i> , 1989, 33, 248-258.	1.7	39
31	Sound localization acuity in the cat: Effect of azimuth, signal duration, and test procedure. <i>Hearing Research</i> , 1988, 36, 221-232.	2.0	99
32	Sound localization and use of binaural cues by the gerbil (<i>Meriones unguiculatus</i>).. <i>Behavioral Neuroscience</i> , 1988, 102, 422-428.	1.2	52
33	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	19
34	Effect of unilateral and bilateral auditory cortex lesions on the discrimination of vocalizations by Japanese macaques. <i>Journal of Neurophysiology</i> , 1986, 56, 683-701.	1.8	182
35	Hearing loss in Japanese macaques following bilateral auditory cortex lesions. <i>Journal of Neurophysiology</i> , 1986, 55, 256-271.	1.8	68
36	Hearing in Mammals: The Least Weasel. <i>Journal of Mammalogy</i> , 1985, 66, 745-755.	1.3	54

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37	Hearing range of the domestic cat. <i>Hearing Research</i> , 1985, 19, 85-88.	2.0	151
38	Sound localization in wild Norway rats (<i>Rattus norvegicus</i>). <i>Hearing Research</i> , 1985, 19, 151-155.	2.0	46
39	Temporal lobe lesions and perception of species-specific vocalizations by macaques. <i>Science</i> , 1984, 226, 75-76.	12.6	458
40	Sound localization in large mammals: Localization of complex sounds by horses.. <i>Behavioral Neuroscience</i> , 1984, 98, 541-555.	1.2	23
41	Hearing in the elephant (<i>Elephas maximus</i>): absolute sensitivity, frequency discrimination, and sound localization. <i>Journal of Comparative and Physiological Psychology</i> , 1982, 96, 926-44.	1.8	20