R S Heffner

List of Publications by Year
in descending order

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41 papers	3,168 citations	147801 31 h-index	276875 41 g-index
41 all docs	41 docs citations	41 times ranked	1622 citing authors

#	Article	IF	Citations
1	Temporal lobe lesions and perception of species-specific vocalizations by macaques. Science, 1984, 226, 75-76.	12.6	458
2	Effect of unilateral and bilateral auditory cortex lesions on the discrimination of vocalizations by Japanese macaques. Journal of Neurophysiology, 1986, 56, 683-701.	1.8	182
3	Visual factors in sound localization in mammals. Journal of Comparative Neurology, 1992, 317, 219-232.	1.6	173
4	Effect of bilateral auditory cortex lesions on sound localization in Japanese macaques. Journal of Neurophysiology, 1990, 64, 915-931.	1.8	164
5	Audiogram of the hooded Norway rat. Hearing Research, 1994, 73, 244-247.	2.0	163
6	Hearing range of the domestic cat. Hearing Research, 1985, 19, 85-88.	2.0	151
7	Audiograms of five species of rodents: implications for the evolution of hearing and the perception of pitch. Hearing Research, 2001, 157, 138-152.	2.0	140
8	Degenerate hearing and sound localization in naked mole rats (Heterocephalus glaber), with an overview of central auditory structures. Journal of Comparative Neurology, 1993, 331, 418-433.	1.6	135
9	Hearing and sound localization in blind mole rats (Spalax ehrenbergi). Hearing Research, 1992, 62, 206-216.	2.0	122
10	Behavioral hearing range of the chinchilla. Hearing Research, 1991, 52, 13-16.	2.0	112
11	Vestigial hearing in a fossorial mammal, the pocket gopher (Geomys bursarius). Hearing Research, 1990, 46, 239-252.	2.0	104
12	Hearing in domestic pigs (Sus scrofa) and goats (Capra hircus). Hearing Research, 1990, 48, 231-240.	2.0	103
13	Sound localization acuity in the cat: Effect of azimuth, signal duration, and test procedure. Hearing Research, 1988, 36, 221-232.	2.0	99
14	Free-field audiogram of the Japanese macaque (Macaca fuscata). Journal of the Acoustical Society of America, 1999, 106, 3017-3023.	1.1	78
15	Audiogram of the big brown bat (Eptesicus fuscus). Hearing Research, 1997, 105, 202-210.	2.0	70
16	Hearing loss in Japanese macaques following bilateral auditory cortex lesions. Journal of Neurophysiology, 1986, 55, 256-271.	1.8	68
17	Hearing in Mammals: The Least Weasel. Journal of Mammalogy, 1985, 66, 745-755.	1.3	54
18	Passive sound-localization ability of the big brown bat (Eptesicus fuscus). Hearing Research, 1998, 119, 37-48.	2.0	54

#	Article	IF	Citations
19	Sound localization and use of binaural cues by the gerbil (Meriones unguiculatus).. Behavioral Neuroscience, 1988, 102, 422-428.	1.2	52
20	Hearing in large mammals: Sound-localization acuity in cattle (Bos taurus) and goats (Capra hircus).. Journal of Comparative Psychology (Washington, D C: 1983), 1992, 106, 107-113.	0.5	51
21	Sound localization in wild Norway rats (Rattus norvegicus). Hearing Research, 1985, 19, 151-155.	2.0	46
22	An investigation of sensory deficits underlying the aphasia-like behavior of macaques with auditory cortex lesions. NeuroReport, 2001, 12, 1217-1221.	1.2	45
23	Hearing in prairie dogs: Transition between surface and subterranean rodents. Hearing Research, 1994, 73, 185-189.	2.0	44
24	Sound Localization, Use of Binaural Cues and the Superior Olivary Complex in Pigs. Brain, Behavior and Evolution, 1989, 33, 248-258.	1.7	39
25	Hearing in a megachiropteran fruit bat (Rousettus aegyptiacus).. Journal of Comparative Psychology (Washington, D C: 1983), 1998, 112, 371-382.	0.5	39
26	Sound localization in a new-world frugivorous bat, Artibeus jamaicensis: Acuity, use of binaural cues, and relationship to vision. Journal of the Acoustical Society of America, 2001, 109, 412-421.	1.1	39
27	Effect of bilateral auditory cortex lesions on absolute thresholds in Japanese macaques. Journal of Neurophysiology, 1990, 64, 191-205.	1.8	38
28	Sound localization in chinchillas. I: Left/right discriminations. Hearing Research, 1994, 80, 247-257.	2.0	38
29	Comparative Study of Sound Localization and its Anatomical Correlates in Mammals. Acta Oto-Laryngologica, 1997, 117, 46-53.	0.9	38
30	Sound localization in chinchillas III: Effect of pinna removal. Hearing Research, 1996, 99, 13-21.	2.0	35
31	Sound localization in an old-world fruit bat (Rousettus aegyptiacus): Acuity, use of binaural cues, and relationship to vision.. Journal of Comparative Psychology (Washington, D C: 1983), 1999, 113, 297-306.	0.5	31
32	Sound localization in chinchillas. II. Front/back and vertical localization. Hearing Research, 1995, 88, 190-198.	2.0	28
33	Cortical deafness cannot account for the inability of Japanese macaques to discriminate species-specific vocalizations. Brain and Language, 1989, 36, 275-285.	1.6	26
34	Sound-localization acuity and its relation to vision in large and small fruit-eating bats: I. Echolocating species, Phyllostomus hastatus and Carollia perspicillata. Hearing Research, 2007, 234, 1-9.	2.0	26
35	Sound localization in large mammals: Localization of complex sounds by horses.. Behavioral Neuroscience, 1984, 98, 541-555.	1.2	23
36	Hearing in the elephant (Elephas maximus): absolute sensitivity, frequency discrimination, and sound localization. Journal of Comparative and Physiological Psychology, 1982, 96, 926-44.	1.8	20

#	Article	IF	Citations
37	Localization of noise, use of binaural cues, and a description of the superior olivary complex in the smallest carnivore, the least weasel (Mustela nivalis).. Behavioral Neuroscience, 1987, 101, 701-708.	1.2	19
38	Hearing in large (Eidolon helvum) and small (Cynopterus brachyotis) non-echolocating fruit bats. Hearing Research, 2006, 221, 17-25.	2.0	18
39	Objective auditory threshold estimation using sine-wave derived responses. Hearing Research, 1991, 55, 109-116.	2.0	15
40	Audiogram of the fox squirrel (Sciurus niger).. Journal of Comparative Psychology (Washington, D C:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	15
41	Sound localization acuity and its relation to vision in large and small fruit-eating bats: II. Non-echolocating species, Eidolon helvum and Cynopterus brachyotis. Hearing Research, 2008, 241, 80-86.	2.0	13