GÃ¼nter Ehret

List of Publications by Year
in descending order

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43	2,431	236925	276875
papers	citations	25 h-index	41 g-index

43	43	43	1703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activation of the medial preoptic area (MPOA) ameliorates loss of maternal behavior in a Shank2 mouse model for autism. EMBO Journal, 2021, 40, e104267.	7.8	16
2	Frequency response areas of neurons in the mouse inferior colliculus. III. Time-domain responses: Constancy, dynamics, and precision in relation to spectral resolution, and perception in the time domain. PLoS ONE, 2020, 15, e0240853.	2.5	5
3	Corticofugal Augmentation of the Auditory Brainstem Response With Respect to Cortical Preference. Frontiers in Systems Neuroscience, 2019, 13, 39.	2.5	2
4	Adaptation and spectral enhancement at auditory temporal perceptual boundaries - Measurements via temporal precision of auditory brainstem responses. PLoS ONE, 2018, 13, e0208935.	2.5	1
5	Spectral summation and facilitation in onâ€•and offâ€•responses for optimized representation of communication calls in mouse inferior colliculus. European Journal of Neuroscience, 2017, 45, 440-459.	2.6	22
6	Knowledge About Soundsâ€”Context-Specific Meaning Differently Activates Cortical Hemispheres, Auditory Cortical Fields, and Layers in House Mice. Frontiers in Neuroscience, 2016, 10, 98.	2.8	14
7	Ultrasonic vocalizations of adult male Foxp2â€mutant mice: behavioral contexts of arousal and emotion. Genes, Brain and Behavior, 2016, 15, 243-259.	2.2	46
8	Quantitative analysis of neuronal response properties in primary and higherâ€•order auditory cortical fields of awake house mice (M us musculus). European Journal of Neuroscience, 2014, 39, 904-918.	2.6	69
9	Limbic brain activation for maternal acoustic perception and responding is different in mothers and virgin female mice. Journal of Physiology (Paris), 2013, 107, 62-71.	2.1	12
10	Foxp2 Mutations Impair Auditory-Motor Association Learning. PLoS ONE, 2012, 7, e33130.	2.5	64
11	Communication Sounds and their Cortical Representation. , 2011, , 343-367.		7
12	The structure of innate vocalizations in Foxp2â€deficient mouse pups. Genes, Brain and Behavior, 2010, 9, 390-401.	2.2	92
13	Selective perception and recognition of vocal signals. Handbook of Behavioral Neuroscience, 2010, 19, 125-134.	0.7	4
14	Auditory discrimination learning and knowledge transfer in mice depends on task difficulty. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8481-8485.	7.1	30
15	New perspectives of information transformation through the auditory cortical layers. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21463-21464.	7.1	2
16	Modified sound-evoked brainstem potentials in Foxp2 mutant mice. Brain Research, 2009, 1289, 30-36.	2.2	24
17	Reproductive cycle-dependent plasticity of perception of acoustic meaning in mice. Physiology and Behavior, 2009, 96, 428-433.	2.1	21
18	Tonotopy and inhibition in the midbrain inferior colliculus shape spectral resolution of sounds in neural critical bands. European Journal of Neuroscience, 2008, 28, 675-692.	2.6	32

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19	Impaired Synaptic Plasticity and Motor Learning in Mice with a Point Mutation Implicated in Human Speech Deficits. Current Biology, 2008, 18, 354-362.	3.9	304
20	Frequency response areas of mouse inferior colliculus neurons: II. Critical bands. NeuroReport, 2006, 17, 1783-1786.	1.2	18
21	Grouping in auditory temporal perception and vocal production is mutually adapted: the case of wriggling calls of mice. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2005, 191, 1131-1135.	1.6	30
22	Infant Rodent Ultrasounds ? A Gate to the Understanding of Sound Communication. Behavior Genetics, 2005, 35, 19-29.	2.1	284
23	Auditory maps in the midbrain: The inferior colliculus. , 2005, , 162-168.		2
24	Auditory perception vs. recognition: representation of complex communication sounds in the mouse auditory cortical fields. European Journal of Neuroscience, 2004, 19, 1027-1040.	2.6	85
25	Mapping responses to frequency sweeps and tones in the inferior colliculus of house mice. European Journal of Neuroscience, 2003, 18, 2301-2312.	2.6	62
26	Spatial map of frequency tuning-curve shapes in the mouse inferior colliculus. NeuroReport, 2003, 14, 1365-1369.	1.2	37
27	Time-critical integration of formants for perception of communication calls in mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9021-9025.	7.1	67
28	Mice and humans perceive multiharmonic communication sounds in the same way. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 479-482.	7.1	68
29	Frequency response areas of neurons in the mouse inferior colliculus. I. Threshold and tuning characteristics. Experimental Brain Research, 2001, 140, 145-161.	1.5	105
30	Inputs from three brainstem sources to identified neurons of the mouse inferior colliculus slice. Brain Research, 1999, 816, 527-543.	2.2	68
31	Perception and recognition discriminated in the mouse auditory cortex by c-Fos labeling. NeuroReport, 1999, 10, 2341-2345.	1.2	37
32	Normal Brainstem Auditory Evoked Potentials in Pax5-Deficient Mice Despite Morphologic Alterations in the Auditory Midbrain Region. International Journal of Audiology, 1996, 35, 55-61.	1.7	7
33	Oestrogen receptor occurrence in the male mouse brain. NeuroReport, 1993, 4, 1247-1250.	1.2	19
34	Parental behavior in the mouse: effects of lesions in the entorhinal/piriform cortex. Behavioural Brain Research, 1991, 42, 99-105.	2.2	23
35	development of tonotopy in the inferior colliculus. I. Electrophysiological mapping in house mice. Developmental Brain Research, 1990, 54, 221-234.	1.7	97
36	Ultrasoundâ€induced Parental Behaviour in House Mice is Controlled by Female Sex Hormones and Parental Experience. Ethology, 1989, 80, 81-93.	1.1	35

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37	Complex sound analysis (frequency resolution, filtering and spectral integration) by single units of the inferior colliculus of the cat. Brain Research Reviews, 1988, 13, 139-163.	9.0	174
38	Inferior colliculus of the house mouse. I. A quantitative study of tonotopic organization, frequency representation, and tone-threshold distribution. Journal of Comparative Neurology, 1985, 238, 65-76.	1.6	178
39	Noise masking of tone responses and critical ratios in single units of the mouse cochlear nerve and cochlear nucleus. Hearing Research, 1984, 14, 45-57.	2.0	34
40	Development of Sound Communication in Mammals. Advances in the Study of Behavior, 1980, 11, 179-225.	1.6	42
41	Critical bands and filter characteristics in the ear of the housemouse (Mus musculus). Biological Cybernetics, 1976, 24, 35-42.	1.3	61
42	Masked auditory thresholds, critical ratios, and scales of the basilar membrane of the housemouse (Mus musculus). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1975, 103, 329-341.	1.6	89
43	Schallsignale Der Hausmaus (Mus Musculus). Behaviour, 1974, 52, 38-56.	0.8	42