

Jinsheng Zhang

List of Publications by Year in descending order

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papers

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516710

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901
citing authors

#	ARTICLE	IF	CITATIONS
1	Tinnitus and tinnitus disorder: Theoretical and operational definitions (an international) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74	1.4	150
2	Blast-Induced Tinnitus and Hearing Loss in Rats: Behavioral and Imaging Assays. Journal of Neurotrauma, 2012, 29, 430-444.	3.4	91
3	Neuroinflammation mediates noise-induced synaptic imbalance and tinnitus in rodent models. PLoS Biology, 2019, 17, e3000307.	5.6	87
4	Auditory cortex stimulation to suppress tinnitus: Mechanisms and strategies. Hearing Research, 2013, 295, 38-57.	2.0	51
5	A hybrid silicon-parylene neural probe with locally flexible regions. Sensors and Actuators B: Chemical, 2014, 195, 416-422.	7.8	45
6	Auditory Cortex Electrical Stimulation Suppresses Tinnitus in Rats. JARO - Journal of the Association for Research in Otolaryngology, 2011, 12, 185-201.	1.8	42
7	Noise-Induced Tinnitus Using Individualized Gap Detection Analysis and Its Relationship with Hyperacusis, Anxiety, and Spatial Cognition. PLoS ONE, 2013, 8, e75011.	2.5	40
8	The microRNA-183/96/182 Cluster is Essential for Stereociliary Bundle Formation and Function of Cochlear Sensory Hair Cells. Scientific Reports, 2018, 8, 18022.	3.3	37
9	Blast-induced tinnitus and spontaneous firing changes in the rat dorsal cochlear nucleus. Journal of Neuroscience Research, 2014, 92, 1466-1477.	2.9	29
10	Blast-Induced Tinnitus and Elevated Central Auditory and Limbic Activity in Rats: A Manganese-Enhanced MRI and Behavioral Study. Scientific Reports, 2017, 7, 4852.	3.3	24
11	Blocking Tumor Necrosis Factor-Alpha Expression Prevents Blast-Induced Excitatory/Inhibitory Synaptic Imbalance and Parvalbumin-Positive Interneuron Loss in the Hippocampus. Journal of Neurotrauma, 2018, 35, 2306-2316.	3.4	24
12	Blast-induced tinnitus and hyperactivity in the auditory cortex of rats. Neuroscience, 2017, 340, 515-520.	2.3	23
13	Blast-induced tinnitus and spontaneous activity changes in the rat inferior colliculus. Neuroscience Letters, 2014, 580, 47-51.	2.1	22
14	Psychophysical and neural correlates of noise-induced tinnitus in animals: Intra- and inter-auditory and non-auditory brain structure studies. Hearing Research, 2016, 334, 7-19.	2.0	22
15	A Conditioned Behavioral Paradigm for Assessing Onset and Lasting Tinnitus in Rats. PLoS ONE, 2016, 11, e0166346.	2.5	21
16	Manganese enhanced magnetic resonance imaging (MEMRI): A powerful new imaging method to study tinnitus. Hearing Research, 2014, 311, 49-62.	2.0	20
17	Electrical stimulation of the dorsal cochlear nucleus induces hearing in rats. Brain Research, 2010, 1311, 37-50.	2.2	17
18	Characterization of Rebound Depolarization in Neurons of the Rat Medial Geniculate Body In Vitro. Neuroscience Bulletin, 2016, 32, 16-26.	2.9	17

#	ARTICLE	IF	CITATIONS
19	Blast Exposure Disrupts the Tonotopic Frequency Map in the Primary Auditory Cortex. <i>Neuroscience</i> , 2018, 379, 428-434.	2.3	17
20	Temporary conductive hearing loss in early life impairs spatial memory of rats in adulthood. <i>Brain and Behavior</i> , 2018, 8, e01004.	2.2	17
21	Sodium salicylate potentiates the GABA B -GIRK pathway to suppress rebound depolarization in neurons of the rat's medial geniculate body. <i>Hearing Research</i> , 2016, 332, 104-112.	2.0	15
22	Blast-induced tinnitus: Animal models. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 3811-3831.	1.1	15
23	Neuroinflammation and Tinnitus. <i>Current Topics in Behavioral Neurosciences</i> , 2021, 51, 161-174.	1.7	15
24	Time course of blast-induced injury in the rat auditory cortex. <i>PLoS ONE</i> , 2018, 13, e0193389.	2.5	14
25	Pathways involved in somatosensory electrical modulation of dorsal cochlear nucleus activity. <i>Brain Research</i> , 2007, 1184, 121-131.	2.2	10
26	Modulatory effects of somatosensory electrical stimulation on neural activity of the dorsal cochlear nucleus of hamsters. <i>Journal of Neuroscience Research</i> , 2008, 86, 1178-1187.	2.9	10
27	Characteristic profiles of biofilm, enterotoxins and virulence of <i>Staphylococcus aureus</i> isolates from dairy cows in Xinjiang Province, China. <i>Journal of Veterinary Science</i> , 2019, 20, e74.	1.3	10
28	An animal model of deep brain stimulation for treating tinnitus: A proof of concept study. <i>Laryngoscope</i> , 2018, 128, 1213-1222.	2.0	9
29	Multifunctional chronic 3D electrode arrays based on a simple folding process. , 2013, , .		3
30	Voice-associated static face image releases speech from informational masking. <i>PsyCh Journal</i> , 2014, 3, 113-120.	1.1	2
31	Emerging Topics in the Behavioral Neuroscience of Tinnitus. <i>Current Topics in Behavioral Neurosciences</i> , 2021, 51, 461-483.	1.7	2
32	Animal Models of Tinnitus Treatment: Cochlear and Brain Stimulation. <i>Current Topics in Behavioral Neurosciences</i> , 2021, 51, 83-129.	1.7	2
33	Tonotopic mapping of c-fos expression in the dorsal cochlear nucleus of the hamster. <i>Neuroscience Research Communications</i> , 2001, 29, 107-117.	0.2	1
34	The methodology of probe design with better resolution and less resistive donut probe to achieve the best performance. <i>Journal of Bionic Engineering</i> , 2009, 6, 239-245.	5.0	0
35	Characterization of Rebound Depolarization in Neurons of the Rat Medial Geniculate Body In Vitro. <i>Neuroscience Bulletin</i> , 0, , .	2.9	0
36	Using time difference analysis algorithms to measure the response time of rat auditory cortex neurons to auditory nerve stimulation. <i>Measurement and Control</i> , 0, , 002029402210892.	1.8	0