

Ruili Xie

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

558
citations

687363

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docs citations

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times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Calretinin-Expressing Synapses Show Improved Synaptic Efficacy with Reduced Asynchronous Release during High-Rate Activity. <i>Journal of Neuroscience</i> , 2022, 42, 2729-2742.	3.6	5
2	Age-Related Hearing Loss Is Accompanied by Chronic Inflammation in the Cochlea and the Cochlear Nucleus. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 846804.	3.4	13
3	Biased auditory nerve central synaptopathy is associated with age-related hearing loss. <i>Journal of Physiology</i> , 2021, 599, 1833-1854.	2.9	25
4	A neuronal wiring platform through microridges for rationally engineered neural circuits. <i>APL Bioengineering</i> , 2020, 4, 046106.	6.2	6
5	Principal Neurons in the Anteroventral Cochlear Nucleus Express Cell-Type Specific Glycine Receptor $\hat{\pm}$ Subunits. <i>Neuroscience</i> , 2019, 415, 77-88.	2.3	10
6	Classification of neurons in the adult mouse cochlear nucleus: Linear discriminant analysis. <i>PLoS ONE</i> , 2019, 14, e0223137.	2.5	9
7	D-Stellate Neurons of the Ventral Cochlear Nucleus Decrease in Auditory Nerve-Evoked Activity during Age-Related Hearing Loss. <i>Brain Sciences</i> , 2019, 9, 302.	2.3	6
8	Synaptic transmission at the endbulb of Held deteriorates during age-related hearing loss. <i>Journal of Physiology</i> , 2017, 595, 919-934.	2.9	30
9	Radiate and Planar Multipolar Neurons of the Mouse Anteroventral Cochlear Nucleus: Intrinsic Excitability and Characterization of their Auditory Nerve Input. <i>Frontiers in Neural Circuits</i> , 2017, 11, 77.	2.8	20
10	Transmission of auditory sensory information decreases in rate and temporal precision at the endbulb of Held synapse during age-related hearing loss. <i>Journal of Neurophysiology</i> , 2016, 116, 2695-2705.	1.8	28
11	GABAergic and glycinergic inhibitory synaptic transmission in the ventral cochlear nucleus studied in VGAT channelrhodopsin-2 mice. <i>Frontiers in Neural Circuits</i> , 2014, 8, 84.	2.8	24
12	Target-Specific IPSC Kinetics Promote Temporal Processing in Auditory Parallel Pathways. <i>Journal of Neuroscience</i> , 2013, 33, 1598-1614.	3.6	55
13	Glycinergic synaptic transmission in the cochlear nucleus of mice with normal hearing and age-related hearing loss. <i>Journal of Neurophysiology</i> , 2013, 110, 1848-1859.	1.8	24
14	The Endbulbs of Held. <i>Springer Handbook of Auditory Research</i> , 2012, , 61-93.	0.7	14
15	Inhibitory projections from the ventral nucleus of the lateral lemniscus and superior paraolivary nucleus create directional selectivity of frequency modulations in the inferior colliculus: A comparison of bats with other mammals. <i>Hearing Research</i> , 2011, 273, 134-144.	2.0	40
16	The dominance of inhibition in the inferior colliculus. <i>Hearing Research</i> , 2011, 274, 27-39.	2.0	57
17	Hearing loss alters quantal release at cochlear nucleus stellate cells. <i>Laryngoscope</i> , 2010, 120, 2047-2053.	2.0	6
18	Whole cell recordings of intrinsic properties and sound-evoked responses from the inferior colliculus. <i>Neuroscience</i> , 2008, 154, 245-256.	2.3	42

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19	Rethinking Tuning: <i>In Vivo</i> Whole-Cell Recordings of the Inferior Colliculus in Awake Bats. <i>Journal of Neuroscience</i> , 2007, 27, 9469-9481.	3.6	78
20	Differing Roles of Inhibition in Hierarchical Processing of Species-Specific Calls in Auditory Brainstem Nuclei. <i>Journal of Neurophysiology</i> , 2005, 94, 4019-4037.	1.8	49
21	HMW glutenin subunits in multiploid <i>Aegilops</i> species: composition analysis and molecular cloning of coding sequences. <i>Science Bulletin</i> , 2001, 46, 309-313.	1.7	15