

Xiao-Jie Cao

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

461
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	The multiple functions of T stellate/multipolar/chopper cells in the ventral cochlear nucleus. <i>Hearing Research</i> , 2011, 276, 61-69.	2.0	99
2	Auditory Nerve Fibers Excite Targets Through Synapses That Vary in Convergence, Strength, and Short-Term Plasticity. <i>Journal of Neurophysiology</i> , 2010, 104, 2308-2320.	1.8	98
3	Voltage-Sensitive Conductances of Bushy Cells of the Mammalian Ventral Cochlear Nucleus. <i>Journal of Neurophysiology</i> , 2007, 97, 3961-3975.	1.8	89
4	The magnitudes of hyperpolarization-activated and low-voltage-activated potassium currents co-vary in neurons of the ventral cochlear nucleus. <i>Journal of Neurophysiology</i> , 2011, 106, 630-640.	1.8	51
5	Connections and synaptic function in the posteroventral cochlear nucleus of deaf <i>jerker</i> mice. <i>Journal of Comparative Neurology</i> , 2008, 510, 297-308.	1.6	40
6	Mutation of <i>Npr2</i> Leads to Blurred Tonotopic Organization of Central Auditory Circuits in Mice. <i>PLoS Genetics</i> , 2014, 10, e1004823.	3.5	36
7	Nitric Oxide-Mediated Plasticity of Interconnections Between T-Stellate cells of the Ventral Cochlear Nucleus Generate Positive Feedback and Constitute a Central Gain Control in the Auditory System. <i>Journal of Neuroscience</i> , 2019, 39, 6095-6107.	3.6	20
8	Genetic perturbations suggest a role of the resting potential in regulating the expression of the ion channels of the KCNA and HCN families in octopus cells of the ventral cochlear nucleus. <i>Hearing Research</i> , 2017, 345, 57-68.	2.0	13
9	Cellular Computations Underlying Detection of Gaps in Sounds and Lateralizing Sound Sources. <i>Trends in Neurosciences</i> , 2017, 40, 613-624.	8.6	13
10	The Ventral Cochlear Nucleus. , 2020, , 517-532.		2