

Xiao-Jie Cao

List of Publications by Year in descending order

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10
papers

461
citations

1040056

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1474206

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g-index

10
all docs

10
docs citations

10
times ranked

375
citing authors

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