

Hai Huang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

499
citations

933447

10
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	KCNQ5 channels control resting properties and release probability of a synapse. <i>Nature Neuroscience</i> , 2011, 14, 840-847.	14.8	73
2	Presynaptic regulation of quantal size: K ⁺ /H ⁺ exchange stimulates vesicular glutamate transport. <i>Nature Neuroscience</i> , 2011, 14, 1285-1292.	14.8	66
3	Control of Presynaptic Function by a Persistent Na ⁺ Current. <i>Neuron</i> , 2008, 60, 975-979.	8.1	57
4	Neuromodulatory role of melatonin in retinal information processing. <i>Progress in Retinal and Eye Research</i> , 2013, 32, 64-87.	15.5	47
5	Presynaptic HCN Channels Regulate Vesicular Glutamate Transport. <i>Neuron</i> , 2014, 84, 340-346.	8.1	47
6	Modulation by melatonin of glutamatergic synaptic transmission in the carp retina. <i>Journal of Physiology</i> , 2005, 569, 857-871.	2.9	43
7	Astrocytes Amplify Neuronal Dendritic Volume Transmission Stimulated by Norepinephrine. <i>Cell Reports</i> , 2019, 29, 4349-4361.e4.	6.4	38
8	Melatonin potentiates rod signals to ON type bipolar cells in fish retina. <i>Journal of Physiology</i> , 2008, 586, 2683-2694.	2.9	28
9	<i>Nkx2-5</i> defines a subpopulation of pacemaker cells and is essential for the physiological function of the sinoatrial node in mice. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	23
10	SK Channels Regulate Resting Properties and Signaling Reliability of a Developing Fast-Spiking Neuron. <i>Journal of Neuroscience</i> , 2017, 37, 10738-10747.	3.6	20
11	Hearing Loss: Reestablish the Neural Plasticity in Regenerated Spiral Ganglion Neurons and Sensory Hair Cells 2020. <i>Neural Plasticity</i> , 2021, 2021, 1-4.	2.2	15
12	Spike Activity Regulates Vesicle Filling at a Glutamatergic Synapse. <i>Journal of Neuroscience</i> , 2020, 40, 4972-4980.	3.6	10
13	Mechanisms Underlying Enhancement of Spontaneous Glutamate Release by Group I mGluRs at a Central Auditory Synapse. <i>Journal of Neuroscience</i> , 2020, 40, 7027-7042.	3.6	9
14	AMPA receptor is involved in transmission of cone signal to ON bipolar cells in carp retina. <i>Brain Research</i> , 2004, 1002, 86-93.	2.2	7
15	Hearing Loss: Reestablish the Neural Plasticity in Regenerated Spiral Ganglion Neurons and Sensory Hair Cells 2018. <i>Neural Plasticity</i> , 2018, 2018, 1-3.	2.2	6
16	Activity and Cytosolic Na ⁺ Regulate Synaptic Vesicle Endocytosis. <i>Journal of Neuroscience</i> , 2020, 40, 6112-6120.	3.6	5
17	KCNQ Channels Enable Reliable Presynaptic Spiking and Synaptic Transmission at High Frequency. <i>Journal of Neuroscience</i> , 2022, 42, 3305-3315.	3.6	5