

Hongxia Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11830917/publications.pdf>

Version: 2024-02-01

9
papers

367
citations

1307594
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all docs

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docs citations

10
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Determinants Differentiating Photocurrent Properties of Two Channelrhodopsins from <i>Chlamydomonas</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 5685-5696.	3.4	160
2	Opto-Current-Clamp Actuation of Cortical Neurons Using a Strategically Designed Channelrhodopsin. <i>PLoS ONE</i> , 2010, 5, e12893.	2.5	74
3	Photocurrent attenuation by a single polar-to-nonpolar point mutation of channelrhodopsin-2. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 328-336.	2.9	55
4	Optogenetic control of astrocytes: Is it possible to treat astrocyte-related epilepsy?. <i>Brain Research Bulletin</i> , 2015, 110, 20-25.	3.0	24
5	Pre-synaptic Muscarinic Excitation Enhances the Discrimination of Looming Stimuli in a Collision-Detection Neuron. <i>Cell Reports</i> , 2018, 23, 2365-2378.	6.4	20
6	Feedforward Inhibition Conveys Time-Varying Stimulus Information in a Collision Detection Circuit. <i>Current Biology</i> , 2018, 28, 1509-1521.e3.	3.9	15
7	Optogenetic manipulation of medullary neurons in the locust optic lobe. <i>Journal of Neurophysiology</i> , 2018, 120, 2049-2058.	1.8	9
8	Molecular characterization and distribution of the voltage-gated sodium channel, Para, in the brain of the grasshopper and vinegar fly. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2020, 206, 289-307.	1.6	6
9	ChR2 transgenic animals in peripheral sensory system: Sensing light as various sensations. <i>Life Sciences</i> , 2016, 150, 95-102.	4.3	4