

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

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

478
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | 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 |
| 2 | Optogenetic manipulation of medullary neurons in the locust optic lobe. <i>Journal of Neurophysiology</i> , 2018, 120, 2049-2058. | 1.8 | 9 |
| 3 | Feedforward Inhibition Conveys Time-Varying Stimulus Information in a Collision Detection Circuit. <i>Current Biology</i> , 2018, 28, 1509-1521.e3. | 3.9 | 15 |
| 4 | 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 |
| 5 | ChR2 transgenic animals in peripheral sensory system: Sensing light as various sensations. <i>Life Sciences</i> , 2016, 150, 95-102. | 4.3 | 4 |
| 6 | Optogenetic control of astrocytes: Is it possible to treat astrocyte-related epilepsy?. <i>Brain Research Bulletin</i> , 2015, 110, 20-25. | 3.0 | 24 |
| 7 | Opto-Current-Clamp Actuation of Cortical Neurons Using a Strategically Designed Channelrhodopsin. <i>PLoS ONE</i> , 2010, 5, e12893. | 2.5 | 74 |
| 8 | 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 |
| 9 | 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 |