

Jason E Chung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3157402/publications.pdf>

Version: 2024-02-01

18
papers

1,353
citations

759233

12
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

1859
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fully Automated Approach to Spike Sorting. <i>Neuron</i> , 2017, 95, 1381-1394.e6.	8.1	335
2	High-Density, Long-Lasting, and Multi-region Electrophysiological Recordings Using Polymer Electrode Arrays. <i>Neuron</i> , 2019, 101, 21-31.e5.	8.1	232
3	A hippocampal network for spatial coding during immobility and sleep. <i>Nature</i> , 2016, 531, 185-190.	27.8	176
4	Constant Sub-second Cycling between Representations of Possible Futures in the Hippocampus. <i>Cell</i> , 2020, 180, 552-567.e25.	28.9	171
5	Parallel Regulation of Feedforward Inhibition and Excitation during Whisker Map Plasticity. <i>Neuron</i> , 2011, 72, 819-831.	8.1	103
6	Long-term channelrhodopsin-2 (ChR2) expression can induce abnormal axonal morphology and targeting in cerebral cortex. <i>Frontiers in Neural Circuits</i> , 2013, 7, 8.	2.8	90
7	A microfabricated, 3D-sharpened silicon shuttle for insertion of flexible electrode arrays through dura mater into brain. <i>Journal of Neural Engineering</i> , 2019, 16, 066021.	3.5	37
8	High-density single-unit human cortical recordings using the Neuropixels probe. <i>Neuron</i> , 2022, 110, 2409-2421.e3.	8.1	36
9	Distinct hippocampal-cortical memory representations for experiences associated with movement versus immobility. <i>ELife</i> , 2017, 6, .	6.0	35
10	Plasticity of Recurrent L2/3 Inhibition and Gamma Oscillations by Whisker Experience. <i>Neuron</i> , 2013, 80, 210-222.	8.1	30
11	Hippocampal replay of experience at real-world speeds. <i>ELife</i> , 2021, 10, .	6.0	29
12	BRAIN Initiative: Cutting-Edge Tools and Resources for the Community. <i>Journal of Neuroscience</i> , 2019, 39, 8275-8284.	3.6	26
13	Towards a large-scale recording system: Demonstration of polymer-based penetrating array for chronic neural recording. , 2014, 2014, 6830-3.		13
14	Rats use memory confidence to guide decisions. <i>Current Biology</i> , 2021, 31, 4571-4583.e4.	3.9	12
15	Chronic Implantation of Multiple Flexible Polymer Electrode Arrays. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	11
16	Surgery for Control of Brain Metastases After Previous Checkpoint Inhibitor Immunotherapy. <i>World Neurosurgery</i> , 2022, 162, e235-e245.	1.3	2
17	Use of an exoscope for enhanced visualization of a Schwab grade 5 osteotomy to correct kyphotic deformity. <i>Neurosurgical Focus Video</i> , 2022, 6, V19.	0.3	1
18	Salvage surgery for local control of brain metastases after prior stereotactic radiosurgery: a single-center series. <i>World Neurosurgery</i> , 2021, , .	1.3	0