

Timothy D Harris

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5405699/publications.pdf>

Version: 2024-02-01

7
papers

2,326
citations

1478280

6
h-index

1719901

7
g-index

9
all docs

9
docs citations

9
times ranked

3023
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully integrated silicon probes for high-density recording of neural activity. <i>Nature</i> , 2017, 551, 232-236.	13.7	1,531
2	Neuropixels 2.0: A miniaturized high-density probe for stable, long-term brain recordings. <i>Science</i> , 2021, 372, .	6.0	467
3	Evaluating the potential of using quantum dots for monitoring electrical signals in neurons. <i>Nature Nanotechnology</i> , 2018, 13, 278-288.	15.6	96
4	Can One Concurrently Record Electrical Spikes from Every Neuron in a Mammalian Brain?. <i>Neuron</i> , 2019, 103, 1005-1015.	3.8	46
5	Neuropixels Data-Acquisition System: A Scalable Platform for Parallel Recording of 10 000+ Electrophysiological Signals. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2019, 13, 1635-1644.	2.7	43
6	Multimodal in vivo brain electrophysiology with integrated glass microelectrodes. <i>Nature Biomedical Engineering</i> , 2019, 3, 741-753.	11.6	40
7	Electrode pooling can boost the yield of extracellular recordings with switchable silicon probes. <i>Nature Communications</i> , 2021, 12, 5245.	5.8	4