

Thomas Deneux

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6860154/publications.pdf>

Version: 2024-02-01

10
papers

651
citations

1163117

8
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate spike estimation from noisy calcium signals for ultrafast three-dimensional imaging of large neuronal populations in vivo. Nature Communications, 2016, 7, 12190.	12.8	226
2	Community-based benchmarking improves spike rate inference from two-photon calcium imaging data. PLoS Computational Biology, 2018, 14, e1006157.	3.2	118
3	Odor identity coding by distributed ensembles of neurons in the mouse olfactory cortex. ELife, 2017, 6, .	6.0	112
4	Context-dependent signaling of coincident auditory and visual events in primary visual cortex. ELife, 2019, 8, .	6.0	66
5	Temporal asymmetries in auditory coding and perception reflect multi-layered nonlinearities. Nature Communications, 2016, 7, 12682.	12.8	57
6	Network dynamics underlying OFF responses in the auditory cortex. ELife, 2021, 10, .	6.0	17
7	Milliseconds of Sensory Input Abruptly Modulate the Dynamics of Cortical States for Seconds. Cerebral Cortex, 2016, 27, 4549-4563.	2.9	16
8	Interhemispheric Synchrony of Spontaneous Cortical States at the Cortical Column Level. Cerebral Cortex, 2018, 28, 1794-1807.	2.9	14
9	Cortical recruitment determines learning dynamics and strategy. Nature Communications, 2019, 10, 1479.	12.8	11
10	Differential roles of auditory and visual cortex for sensory detection in mice. Comptes Rendus - Biologies, 2022, 345, 75-89.	0.2	0