

Thomas Deneux

List of Publications by Year in descending order

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