

Celine Mateo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10863383/publications.pdf>

Version: 2024-02-01

16
papers

1,910
citations

567281

15
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

2853
citing authors

#	ARTICLE	IF	CITATIONS
1	Motor Control by Sensory Cortex. <i>Science</i> , 2010, 330, 1240-1243.	12.6	326
2	Long-range connectivity of mouse primary somatosensory barrel cortex. <i>European Journal of Neuroscience</i> , 2010, 31, 2221-2233.	2.6	285
3	Entrainment of Arteriole Vasomotor Fluctuations by Neural Activity Is a Basis of Blood-Oxygenation-Level-Dependent "Resting-State" Connectivity. <i>Neuron</i> , 2017, 96, 936-948.e3.	8.1	233
4	Microcircuits of excitatory and inhibitory neurons in layer 2/3 of mouse barrel cortex. <i>Journal of Neurophysiology</i> , 2012, 107, 3116-3134.	1.8	207
5	Cell type specificity of neurovascular coupling in cerebral cortex. <i>ELife</i> , 2016, 5, .	6.0	176
6	Ultra-large field-of-view two-photon microscopy. <i>Optics Express</i> , 2015, 23, 13833.	3.4	111
7	Ultra-slow Oscillations in fMRI and Resting-State Connectivity: Neuronal and Vascular Contributions and Technical Confounds. <i>Neuron</i> , 2020, 107, 782-804.	8.1	105
8	A Polished and Reinforced Thinned-skull Window for Long-term Imaging of the Mouse Brain. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	104
9	In Vivo Optogenetic Stimulation of Neocortical Excitatory Neurons Drives Brain-State-Dependent Inhibition. <i>Current Biology</i> , 2011, 21, 1593-1602.	3.9	92
10	Robust and Fragile Aspects of Cortical Blood Flow in Relation to the Underlying Angioarchitecture. <i>Microcirculation</i> , 2015, 22, 204-218.	1.8	78
11	Awake Mouse Imaging: From Two-Photon Microscopy to Blood Oxygen Level-Dependent Functional Magnetic Resonance Imaging. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 533-542.	1.5	49
12	Reversibly Modulating the Blood-Brain Barrier by Laser Stimulation of Molecular-Targeted Nanoparticles. <i>Nano Letters</i> , 2021, 21, 9805-9815.	9.1	49
13	Precision mapping of the vibrissa representation within murine primary somatosensory cortex. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150351.	4.0	31
14	Parallel pathways from whisker and visual sensory cortices to distinct frontal regions of mouse neocortex. <i>Neurophotonics</i> , 2016, 4, 1.	3.3	28
15	Contribution of animal models toward understanding resting state functional connectivity. <i>NeuroImage</i> , 2021, 245, 118630.	4.2	27
16	A suite of neurophotonic tools to underpin the contribution of internal brain states in fMRI. <i>Current Opinion in Biomedical Engineering</i> , 2021, 18, 100273.	3.4	6