

Kim David Ferrari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6015599/publications.pdf>

Version: 2024-02-01

11
papers

819
citations

932766

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1281420

11
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15
all docs

15
docs citations

15
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Reconfiguration of the Functional Connectome after Chemogenetic Locus Coeruleus Activation. <i>Neuron</i> , 2019, 103, 702-718.e5.	3.8	198
2	Cortical Circuit Activity Evokes Rapid Astrocyte Calcium Signals on a Similar Timescale to Neurons. <i>Neuron</i> , 2018, 98, 726-735.e4.	3.8	178
3	Long-term In Vivo Calcium Imaging of Astrocytes Reveals Distinct Cellular Compartment Responses to Sensory Stimulation. <i>Cerebral Cortex</i> , 2018, 28, 184-198.	1.6	86
4	Arousal-induced cortical activity triggers lactate release from astrocytes. <i>Nature Metabolism</i> , 2020, 2, 179-191.	5.1	82
5	Design and performance of an ultra-flexible two-photon microscope for in vivo research. <i>Biomedical Optics Express</i> , 2015, 6, 4228.	1.5	55
6	Shear-stress sensing by PIEZO1 regulates tendon stiffness in rodents and influences jumping performance in humans. <i>Nature Biomedical Engineering</i> , 2021, 5, 1457-1471.	11.6	54
7	A complete pupillometry toolbox for real-time monitoring of locus coeruleus activity in rodents. <i>Nature Protocols</i> , 2020, 15, 2301-2320.	5.5	46
8	Decoupling astrocytes in adult mice impairs synaptic plasticity and spatial learning. <i>Cell Reports</i> , 2022, 38, 110484.	2.9	43
9	CHIPS: an Extensible Toolbox for Cellular and Hemodynamic Two-Photon Image Analysis. <i>Neuroinformatics</i> , 2018, 16, 145-147.	1.5	31
10	Distinct signatures of calcium activity in brain mural cells. <i>ELife</i> , 2021, 10, .	2.8	31
11	Determinants of Motion Sickness in Tilting Trains: Coriolis/Cross-Coupling Stimuli and Tilt Delay. <i>Frontiers in Neurology</i> , 2017, 8, 195.	1.1	6