

Mikhail Kislin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5004155/publications.pdf>

Version: 2024-02-01

23
papers

1,297
citations

840119

11
h-index

610482

24
g-index

31
all docs

31
docs citations

31
times ranked

1983
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast animal pose estimation using deep neural networks. <i>Nature Methods</i> , 2019, 16, 117-125.	9.0	446
2	SLEAP: A deep learning system for multi-animal pose tracking. <i>Nature Methods</i> , 2022, 19, 486-495.	9.0	192
3	Tissue- and cell-type-specific manifestations of heteroplasmic mtDNA 3243A>G mutation in human induced pluripotent stem cell-derived disease model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3622-30.	3.3	185
4	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents. <i>Scientific Reports</i> , 2017, 7, 7811.	1.6	70
5	Homologous organization of cerebellar pathways to sensory, motor, and associative forebrain. <i>Cell Reports</i> , 2021, 36, 109721.	2.9	68
6	Reversible Disruption of Neuronal Mitochondria by Ischemic and Traumatic Injury Revealed by Quantitative Two-Photon Imaging in the Neocortex of Anesthetized Mice. <i>Journal of Neuroscience</i> , 2017, 37, 333-348.	1.7	50
7	Flat-floored Air-lifted Platform: A New Method for Combining Behavior with Microscopy or Electrophysiology on Awake Freely Moving Rodents. <i>Journal of Visualized Experiments</i> , 2014, , e51869.	0.2	44
8	HB-GAM (pleiotrophin) reverses inhibition of neural regeneration by the CNS extracellular matrix. <i>Scientific Reports</i> , 2016, 6, 33916.	1.6	43
9	Cerebellar disruption impairs working memory during evidence accumulation. <i>Nature Communications</i> , 2019, 10, 3128.	5.8	41
10	Complex spike clusters and false-positive rejection in a cerebellar supervised learning rule. <i>Journal of Physiology</i> , 2019, 597, 4387-4406.	1.3	24
11	Transcriptomic mapping uncovers Purkinje neuron plasticity driving learning. <i>Nature</i> , 2022, 605, 722-727.	13.7	24
12	Motility of astrocytic mitochondria is arrested by Ca ²⁺ -dependent interaction between mitochondria and actin filaments. <i>Cell Calcium</i> , 2013, 53, 85-93.	1.1	22
13	Deep phenotyping reveals movement phenotypes in mouse neurodevelopmental models. <i>Molecular Autism</i> , 2022, 13, 12.	2.6	20
14	Reversible Disruption of Neuronal Mitochondria by Ischemic and Traumatic Injury Revealed by Quantitative Two-Photon Imaging in the Neocortex of Anesthetized Mice. <i>Journal of Neuroscience</i> , 2017, 37, 333-348.	1.7	9
15	Opposite Reactivity of Meningeal versus Cortical Microvessels to the Nitric Oxide Donor Glyceryl Trinitrate Evaluated In Vivo with Two-Photon Imaging. <i>PLoS ONE</i> , 2014, 9, e89699.	1.1	8
16	Changes in lipid peroxidation in the hippocampus and neocortex after severe hypobaric hypoxia in rats. <i>Neurochemical Journal</i> , 2009, 3, 184-190.	0.2	5
17	Automatic quantification of mitochondrial fragmentation from two-photon microscope images of mouse brain tissue. <i>Journal of Microscopy</i> , 2015, 260, 338-351.	0.8	5
18	Amyloid Plaques Show Binding Capacity of Exogenous Injected Amyloid- β . <i>Journal of Alzheimer's Disease</i> , 2016, 55, 147-157.	1.2	5

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19	Acute Brain Trauma in Mice Followed By Longitudinal Two-photon Imaging. Journal of Visualized Experiments, 2014, , .	0.2	4
20	The effects of prenatal hypobaric hypoxia on the level of lipid peroxidation in the neocortex and hippocampus of rats. Neurochemical Journal, 2015, 9, 54-59.	0.2	2
21	A Flexible Platform for Monitoring Cerebellum-Dependent Sensory Associative Learning. Journal of Visualized Experiments, 2022, , .	0.2	2
22	Low-Molecular Weight Protamine Overcomes Chondroitin Sulfate Inhibition of Neural Regeneration. Frontiers in Cell and Developmental Biology, 2022, 10, 865275.	1.8	2
23	Time course of lipid peroxidation in hippocampal membranes of preconditioned and nonpreconditioned rats subjected to severe hypobaric hypoxia. Neurochemical Journal, 2010, 4, 122-127.	0.2	1