Mikhail Kislin

List of Publications by Year
in descending order

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23 papers	1,297 citations	840585 11 h-index	610775 24 g-index
31 all docs	31 docs citations	31 times ranked	1983 citing authors

#	Article	IF	Citations
1	A Flexible Platform for Monitoring Cerebellum-Dependent Sensory Associative Learning. Journal of Visualized Experiments, 2022, , .	0.2	2
2	Deep phenotyping reveals movement phenotypes in mouse neurodevelopmental models. Molecular Autism, 2022, 13, 12.	2.6	20
3	SLEAP: A deep learning system for multi-animal pose tracking. Nature Methods, 2022, 19, 486-495.	9.0	192
4	Low-Molecular Weight Protamine Overcomes Chondroitin Sulfate Inhibition of Neural Regeneration. Frontiers in Cell and Developmental Biology, 2022, 10, 865275.	1.8	2
5	Transcriptomic mapping uncovers Purkinje neuron plasticity driving learning. Nature, 2022, 605, 722-727.	13.7	24
6	Homologous organization of cerebellar pathways to sensory, motor, and associative forebrain. Cell Reports, 2021, 36, 109721.	2.9	68
7	Cerebellar disruption impairs working memory during evidence accumulation. Nature Communications, 2019, 10, 3128.	5.8	41
8	Complex spike clusters and falseâ€positive rejection in a cerebellar supervised learning rule. Journal of Physiology, 2019, 597, 4387-4406.	1.3	24
9	Fast animal pose estimation using deep neural networks. Nature Methods, 2019, 16, 117-125.	9.0	446
10	Reversible Disruption of Neuronal Mitochondria by Ischemic and Traumatic Injury Revealed by Quantitative Two-Photon Imaging in the Neocortex of Anesthetized Mice. Journal of Neuroscience, 2017, 37, 333-348.	1.7	50
11	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents. Scientific Reports, 2017, 7, 7811.	1.6	70
12	Reversible Disruption of Neuronal Mitochondria by Ischemic and Traumatic Injury Revealed by Quantitative Two-Photon Imaging in the Neocortex of Anesthetized Mice. Journal of Neuroscience, 2017, 37, 333-348.	1.7	9
13	HB-GAM (pleiotrophin) reverses inhibition of neural regeneration by the CNS extracellular matrix. Scientific Reports, 2016, 6, 33916.	1.6	43
14	Amyloid Plaques Show Binding Capacity of Exogenous Injected Amyloid-Î². Journal of Alzheimer's Disease, 2016, 55, 147-157.	1.2	5
15	Automatic quantification of mitochondrial fragmentation from twoâ€photon microscope images of mouse brain tissue. Journal of Microscopy, 2015, 260, 338-351.	0.8	5
16	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
17	Acute Brain Trauma in Mice Followed By Longitudinal Two-photon Imaging. Journal of Visualized Experiments, 2014, , .	0.2	4
18	Flat-floored Air-lifted Platform: A New Method for Combining Behavior with Microscopy or Electrophysiology on Awake Freely Moving Rodents. Journal of Visualized Experiments, 2014, , e51869.	0.2	44

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19	Opposite Reactivity of Meningeal versus Cortical Microvessels to the Nitric Oxide Donor Glyceryl Trinitrate Evaluated In Vivo with Two-Photon Imaging. PLoS ONE, 2014, 9, e89699.	1.1	8
20	Tissue- and cell-typeâ€“specific manifestations of heteroplasmic mtDNA 3243A>G mutation in human induced pluripotent stem cell-derived disease model. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3622-30.	3.3	185
21	Motility of astrocytic mitochondria is arrested by Ca2+-dependent interaction between mitochondria and actin filaments. Cell Calcium, 2013, 53, 85-93.	1.1	22
22	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
23	Changes in lipid peroxidation in the hippocampus and neocortex after severe hypobaric hypoxia in rats. Neurochemical Journal, 2009, 3, 184-190.	0.2	5