Miso Mitkovski

List of Publications by Year in descending order

37 papers	2,341 citations	331670 21 h-index	315739 38 g-index
42 all docs	42 docs citations	42 times ranked	4668 citing authors

#	Article	IF	Citations
1	Satb2 Is a Postmitotic Determinant for Upper-Layer Neuron Specification in the Neocortex. Neuron, 2008, 57, 378-392.	8.1	577
2	Defective cholesterol clearance limits remyelination in the aged central nervous system. Science, 2018, 359, 684-688.	12.6	349
3	Actin Filament Turnover Drives Leading Edge Growth during Myelin Sheath Formation in the Central Nervous System. Developmental Cell, 2015, 34, 139-151.	7.0	183
4	Regulation of Rap2A by the Ubiquitin Ligase Nedd4-1 Controls Neurite Development. Neuron, 2010, 65, 358-372.	8.1	176
5	Blind Source Separation Techniques for the Decomposition of Multiply Labeled Fluorescence Images. Biophysical Journal, 2009, 96, 3791-3800.	0.5	113
6	Revisiting adult neurogenesis and the role of erythropoietin for neuronal and oligodendroglial differentiation in the hippocampus. Molecular Psychiatry, 2016, 21, 1752-1767.	7.9	86
7	Doxycycline restrains glia and confers neuroprotection in a 6â€OHDA Parkinson model. Glia, 2013, 61, 1084-1100.	4.9	84
8	Glial activation is associated with l-DOPA induced dyskinesia and blocked by a nitric oxide synthase inhibitor in a rat model of Parkinson's disease. Neurobiology of Disease, 2015, 73, 377-387.	4.4	79
9	Loss of <scp>FBXO</scp>7 (<scp>PARK</scp>15) results in reduced proteasome activity and models a parkinsonismâ€like phenotype in mice. EMBO Journal, 2016, 35, 2008-2025.	7.8	65
10	Redox signals at the <scp>ER</scp> â€“mitochondria interface control melanoma progression. EMBO Journal, 2019, 38, e100871.	7.8	59
11	The SNARE protein SNAPâ€29 interacts with the GTPase Rab3A: Implications for membrane trafficking in myelinating glia. Journal of Neuroscience Research, 2009, 87, 3465-3479.	2.9	51
12	Ketogenic diet ameliorates axonal defects and promotes myelination in Pelizaeusâ€“Merzbacher disease. Acta Neuropathologica, 2019, 138, 147-161.	7.7	48
13	QUAREP-LiMi: a community endeavor to advance quality assessment and reproducibility in light microscopy. Nature Methods, 2021, 18, 1423-1426.	19.0	44
14	ELKS1 localizes the synaptic vesicle priming protein bMunc13-2 to a specific subset of active zones. Journal of Cell Biology, 2017, 216, 1143-1161.	5.2	43
15	Are cyclooxygenase-2 and nitric oxide involved in the dyskinesia of Parkinson's disease induced by<scp>l</scp>-DOPA?<sup />. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140190.	4.0	41
16	Single- and two-photon imaging of human micrometastases and disseminated tumour cells with conjugates of nanobodies and quantum dots. Scientific Reports, 2018, 8, 4595.	3.3	34
17	Native Piezo2 Interactomics Identifies Pericentrin as a Novel Regulator of Piezo2 in Somatosensory Neurons. Journal of Proteome Research, 2016, 15, 2676-2687.	3.7	27
18	Investigations into Potential Extrasynaptic Communication between the Dopaminergic and Nitrergic Systems. Frontiers in Physiology, 2012, 3, 372.	2.8	26

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19	Axonal degeneration in an Alzheimer mouse model is PS1 gene dose dependent and linked to intraneuronal AÃŽÂ² accumulation. Frontiers in Aging Neuroscience, 2014, 6, 139.	3.4	26
20	Tracking of Inhaled Near-Infrared Fluorescent Nanoparticles in Lungs of SKH-1 Mice with Allergic Airway Inflammation. ACS Nano, 2015, 9, 11642-11657.	14.6	23
21	Modulation of dopamine uptake by nitric oxide in cultured mesencephalic neurons. Brain Research, 2008, 1198, 27-33.	2.2	21
22	Co-Expression of Wild-Type P2X7R with Gln460Arg Variant Alters Receptor Function. PLoS ONE, 2016, 11, e0151862.	2.5	21
23	Oxidative Stress-Induced STIM2 Cysteine Modifications Suppress Store-Operated Calcium Entry. Cell Reports, 2020, 33, 108292.	6.4	19
24	KV10.1 K+-channel plasma membrane discrete domain partitioning and its functional correlation in neurons. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 921-931.	2.6	18
25	Physical and functional interaction of K‹sub›V‹/sub›10.1 with Rabaptinâ€5 impacts ion channel trafficking. FEBS Letters, 2012, 586, 3077-3084.	2.8	17
26	The SocioBox: A Novel Paradigm to Assess Complex Social Recognition in Male Mice. Frontiers in Behavioral Neuroscience, 2016, 10, 151.	2.0	14
27	Myelinating Glia-Specific Deletion of Fbxo7 in Mice Triggers Axonal Degeneration in the Central Nervous System Together with Peripheral Neuropathy. Journal of Neuroscience, 2019, 39, 5606-5626.	3.6	14
28	Non-Invasive Optical Imaging of Eosinophilia during the Course of an Experimental Allergic Airways Disease Model and in Response to Therapy. PLoS ONE, 2014, 9, e90017.	2.5	13
29	Erythropoietin Dampens Injury-Induced Microglial Motility. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1233-1236.	4.3	13
30	Loss of the Neuron-Specific F-Box Protein FBXO41 Models an Ataxia-Like Phenotype in Mice with Neuronal Migration Defects and Degeneration in the Cerebellum. Journal of Neuroscience, 2015, 35, 8701-8717.	3.6	12
31	LPS-induced knee-joint reactive arthritis and spinal cord glial activation were reduced after intrathecal thalidomide injection in rats. Life Sciences, 2010, 87, 481-489.	4.3	11
32	Analysis of Cell Patterns in Developing Maize Leaves: Darkâ€induced Cell Expansion Restores Normal Division Orientation in the Mutanttangled. International Journal of Plant Sciences, 2003, 164, 113-124.	1.3	8
33	A GTPase-induced switch in phospholipid affinity of collybistin contributes to synaptic gephyrin clustering. Journal of Cell Science, 2020, 133, .	2.0	6
34	Vascular response to social cognitive performance measured by infrared thermography: A translational study from mouse to man. FASEB BioAdvances, 2020, 2, 18-32.	2.4	5
35	Blind Source Separation Techniques For The Decomposition Of Multiply Labeled Fluorescence Images. Biophysical Journal, 2009, 96, 32a.	0.5	3
36	Synthesis, Biological Evaluation, and Live Cell Imaging of Novel Fluorescent Duocarmycin Analogs. Chemistry and Biodiversity, 2012, 9, 2559-2570.	2.1	2

#	Article	IF	Citations
37	1300 nm Fiber Laser System for THG and 2PEF Bio-Imaging. , 2016, , .		2