

Miso Mitkovski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2009852/publications.pdf>

Version: 2024-02-01

37
papers

2,341
citations

331259

21
h-index

315357

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. <i>Neuron</i> , 2008, 57, 378-392. | 3.8 | 577 |
| 2 | Defective cholesterol clearance limits remyelination in the aged central nervous system. <i>Science</i> , 2018, 359, 684-688. | 6.0 | 349 |
| 3 | Actin Filament Turnover Drives Leading Edge Growth during Myelin Sheath Formation in the Central Nervous System. <i>Developmental Cell</i> , 2015, 34, 139-151. | 3.1 | 183 |
| 4 | Regulation of Rap2A by the Ubiquitin Ligase Nedd4-1 Controls Neurite Development. <i>Neuron</i> , 2010, 65, 358-372. | 3.8 | 176 |
| 5 | Blind Source Separation Techniques for the Decomposition of Multiply Labeled Fluorescence Images. <i>Biophysical Journal</i> , 2009, 96, 3791-3800. | 0.2 | 113 |
| 6 | Revisiting adult neurogenesis and the role of erythropoietin for neuronal and oligodendroglial differentiation in the hippocampus. <i>Molecular Psychiatry</i> , 2016, 21, 1752-1767. | 4.1 | 86 |
| 7 | Doxycycline restrains glia and confers neuroprotection in a 6â€OHDA Parkinson model. <i>Glia</i> , 2013, 61, 1084-1100. | 2.5 | 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. <i>Neurobiology of Disease</i> , 2015, 73, 377-387. | 2.1 | 79 |
| 9 | Loss of <i>FBXO7</i> (<i>PARK15</i>) results in reduced proteasome activity and models a parkinsonism-like phenotype in mice. <i>EMBO Journal</i> , 2016, 35, 2008-2025. | 3.5 | 65 |
| 10 | Redox signals at the ER-mitochondria interface control melanoma progression. <i>EMBO Journal</i> , 2019, 38, e100871. | 3.5 | 59 |
| 11 | The SNARE protein SNAP29 interacts with the GTPase Rab3A: Implications for membrane trafficking in myelinating glia. <i>Journal of Neuroscience Research</i> , 2009, 87, 3465-3479. | 1.3 | 51 |
| 12 | Ketogenic diet ameliorates axonal defects and promotes myelination in Pelizaeus-Merzbacher disease. <i>Acta Neuropathologica</i> , 2019, 138, 147-161. | 3.9 | 48 |
| 13 | QUAREP-LiMi: a community endeavor to advance quality assessment and reproducibility in light microscopy. <i>Nature Methods</i> , 2021, 18, 1423-1426. | 9.0 | 44 |
| 14 | ELKS1 localizes the synaptic vesicle priming protein bMunc13-2 to a specific subset of active zones. <i>Journal of Cell Biology</i> , 2017, 216, 1143-1161. | 2.3 | 43 |
| 15 | Are cyclooxygenase-2 and nitric oxide involved in the dyskinesia of Parkinson's disease induced by L-DOPA? <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140190. | 1.8 | 41 |
| 16 | Single- and two-photon imaging of human micrometastases and disseminated tumour cells with conjugates of nanobodies and quantum dots. <i>Scientific Reports</i> , 2018, 8, 4595. | 1.6 | 34 |
| 17 | Native Piezo2 Interactomics Identifies Pericentrin as a Novel Regulator of Piezo2 in Somatosensory Neurons. <i>Journal of Proteome Research</i> , 2016, 15, 2676-2687. | 1.8 | 27 |
| 18 | Investigations into Potential Extrasynaptic Communication between the Dopaminergic and Nitrergic Systems. <i>Frontiers in Physiology</i> , 2012, 3, 372. | 1.3 | 26 |

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|----|--|-----|-----------|
| 19 | Axonal degeneration in an Alzheimer mouse model is PS1 gene dose dependent and linked to intraneuronal A β accumulation. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 139. | 1.7 | 26 |
| 20 | Tracking of Inhaled Near-Infrared Fluorescent Nanoparticles in Lungs of SKH-1 Mice with Allergic Airway Inflammation. <i>ACS Nano</i> , 2015, 9, 11642-11657. | 7.3 | 23 |
| 21 | Modulation of dopamine uptake by nitric oxide in cultured mesencephalic neurons. <i>Brain Research</i> , 2008, 1198, 27-33. | 1.1 | 21 |
| 22 | Co-Expression of Wild-Type P2X7R with Gln460Arg Variant Alters Receptor Function. <i>PLoS ONE</i> , 2016, 11, e0151862. | 1.1 | 21 |
| 23 | Oxidative Stress-Induced STIM2 Cysteine Modifications Suppress Store-Operated Calcium Entry. <i>Cell Reports</i> , 2020, 33, 108292. | 2.9 | 19 |
| 24 | KV10.1 K ⁺ -channel plasma membrane discrete domain partitioning and its functional correlation in neurons. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 921-931. | 1.4 | 18 |
| 25 | Physical and functional interaction of K ^v 10.1 with Rabaptin5 impacts ion channel trafficking. <i>FEBS Letters</i> , 2012, 586, 3077-3084. | 1.3 | 17 |
| 26 | The SocioBox: A Novel Paradigm to Assess Complex Social Recognition in Male Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 151. | 1.0 | 14 |
| 27 | Myelinating Glia-Specific Deletion of Fbxo7 in Mice Triggers Axonal Degeneration in the Central Nervous System Together with Peripheral Neuropathy. <i>Journal of Neuroscience</i> , 2019, 39, 5606-5626. | 1.7 | 14 |
| 28 | Non-Invasive Optical Imaging of Eosinophilia during the Course of an Experimental Allergic Airways Disease Model and in Response to Therapy. <i>PLoS ONE</i> , 2014, 9, e90017. | 1.1 | 13 |
| 29 | Erythropoietin Dampens Injury-Induced Microglial Motility. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1233-1236. | 2.4 | 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. <i>Journal of Neuroscience</i> , 2015, 35, 8701-8717. | 1.7 | 12 |
| 31 | LPS-induced knee-joint reactive arthritis and spinal cord glial activation were reduced after intrathecal thalidomide injection in rats. <i>Life Sciences</i> , 2010, 87, 481-489. | 2.0 | 11 |
| 32 | Analysis of Cell Patterns in Developing Maize Leaves: Dark-Induced Cell Expansion Restores Normal Division Orientation in the Mutant tangled. <i>International Journal of Plant Sciences</i> , 2003, 164, 113-124. | 0.6 | 8 |
| 33 | A GTPase-induced switch in phospholipid affinity of collybistin contributes to synaptic gephyrin clustering. <i>Journal of Cell Science</i> , 2020, 133, . | 1.2 | 6 |
| 34 | Vascular response to social cognitive performance measured by infrared thermography: A translational study from mouse to man. <i>FASEB BioAdvances</i> , 2020, 2, 18-32. | 1.3 | 5 |
| 35 | Blind Source Separation Techniques For The Decomposition Of Multiply Labeled Fluorescence Images. <i>Biophysical Journal</i> , 2009, 96, 32a. | 0.2 | 3 |
| 36 | Synthesis, Biological Evaluation, and Live Cell Imaging of Novel Fluorescent Duocarmycin Analogs. <i>Chemistry and Biodiversity</i> , 2012, 9, 2559-2570. | 1.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 37 | 1300 nm Fiber Laser System for THG and 2PEF Bio-Imaging. , 2016, , . | | 2 |