

Ileana Micu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1010832/publications.pdf>

Version: 2024-02-01

13
papers

940
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1441
citing authors

#	ARTICLE	IF	CITATIONS
1	NMDA receptors mediate calcium accumulation in myelin during chemical ischaemia. <i>Nature</i> , 2006, 439, 988-992.	27.8	453
2	The molecular physiology of the axo-myelinic synapse. <i>Experimental Neurology</i> , 2016, 276, 41-50.	4.1	106
3	Axo-myelinic neurotransmission: a novel mode of cell signalling in the central nervous system. <i>Nature Reviews Neuroscience</i> , 2018, 19, 49-58.	10.2	100
4	Excitatory Glycine Responses of CNS Myelin Mediated by NR1/NR3 α -NMDA Receptor Subunits. <i>Journal of Neuroscience</i> , 2010, 30, 11501-11505.	3.6	86
5	Real-time measurement of free Ca ²⁺ changes in CNS myelin by two-photon microscopy. <i>Nature Medicine</i> , 2007, 13, 874-879.	30.7	73
6	Peripheral neuron plasticity is enhanced by brief electrical stimulation and overrides attenuated regrowth in experimental diabetes. <i>Neurobiology of Disease</i> , 2015, 83, 134-151.	4.4	24
7	A T-type channel-calmodulin complex triggers \pm CaMKII activation. <i>Molecular Brain</i> , 2017, 10, 37.	2.6	22
8	Sources of axonal calcium loading during in vitro ischemia of rat dorsal roots. <i>Muscle and Nerve</i> , 2007, 35, 451-457.	2.2	21
9	Conversion of the Nikon C1 confocal laser-scanning head for multiphoton excitation on an upright microscope. <i>Applied Optics</i> , 2004, 43, 1669.	2.1	15
10	CAMKII as a therapeutic target for growth factor-induced retinal and choroidal neovascularisation. <i>JCI Insight</i> , 2019, 4, .	5.0	11
11	USP17 is required for peripheral trafficking of lysosomes. <i>EMBO Reports</i> , 2022, 23, e51932.	4.5	8
12	Effects of laser polarization on responses of the fluorescent Ca ²⁺ indicator X-Rhod-1 in neurons and myelin. <i>Neurophotonics</i> , 2017, 4, 025002.	3.3	7
13	Polarization-dependent responses of fluorescent indicators partitioned into myelinated axons. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0