

Ileana Micu

List of Publications by Year in descending order

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