

Andrea Loreto

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

579
citations

933447

10
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

593
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial dysfunction as a trigger of programmed axon death. Trends in Neurosciences, 2022, 45, 53-63.	8.6	32
2	SARM1 is a multi-functional NAD(P)ase with prominent base exchange activity, all regulated by multiple physiologically relevant NAD metabolites. IScience, 2022, 25, 103812.	4.1	52
3	Emergence of the Wallerian degeneration pathway as a mechanism of secondary brain injury. Neural Regeneration Research, 2021, 16, 980.	3.0	1
4	Neurotoxin-mediated potent activation of the axon degeneration regulator SARM1. ELife, 2021, 10, .	6.0	22
5	Mitochondrial impairment activates the Wallerian pathway through depletion of NMNAT2 leading to SARM1-dependent axon degeneration. Neurobiology of Disease, 2020, 134, 104678.	4.4	87
6	Structural basis for RING-Cys-Relay E3 ligase activity and its role in axon integrity. Nature Chemical Biology, 2020, 16, 1227-1236.	8.0	46
7	Loss of highwire Protects Against the Deleterious Effects of Traumatic Brain Injury in Drosophila Melanogaster. Frontiers in Neurology, 2020, 11, 401.	2.4	13
8	Axon Degeneration Assays in Superior Cervical Ganglion Explant Cultures. Methods in Molecular Biology, 2020, 2143, 15-24.	0.9	7
9	Microinjection of Superior Cervical Ganglion Neurons for Studying Axon Degeneration. Methods in Molecular Biology, 2020, 2143, 25-39.	0.9	6
10	Sarm1 deletion suppresses TDP-43-linked motor neuron degeneration and cortical spine loss. Acta Neuropathologica Communications, 2019, 7, 166.	5.2	60
11	NAD-biosynthetic enzyme NMNAT1 reduces early behavioral impairment in the htau mouse model of tauopathy. Behavioural Brain Research, 2018, 339, 140-152.	2.2	26
12	NMN Deamidase Delays Wallerian Degeneration and Rescues Axonal Defects Caused by NMNAT2 Deficiency In Vivo. Current Biology, 2017, 27, 784-794.	3.9	86
13	Wallerian Degeneration Is Executed by an NMN-SARM1-Dependent Late Ca ²⁺ Influx but Only Modestly Influenced by Mitochondria. Cell Reports, 2015, 13, 2539-2552.	6.4	110
14	Sustained Exendin-4 Secretion through Gene Therapy Targeting Salivary Glands in Two Different Rodent Models of Obesity/Type 2 Diabetes. PLoS ONE, 2012, 7, e40074.	2.5	13