

Andrea Loreto

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

579
citations

933447

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1125743

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19
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19
docs citations

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times ranked

593
citing authors

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