Francesca Maltecca

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1483167/publications.pdf

Version: 2024-02-01

12	498	933264 10	1199470 12
papers	citations	h-index	g-index

13	13	13	864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Haploinsufficiency ofAFG3L2, the Gene Responsible for Spinocerebellar Ataxia Type 28, Causes Mitochondria-Mediated Purkinje Cell Dark Degeneration. Journal of Neuroscience, 2009, 29, 9244-9254.	1.7	99
2	The Mitochondrial Protease AFG3L2 Is Essential for Axonal Development. Journal of Neuroscience, 2008, 28, 2827-2836.	1.7	92
3	Purkinje neuron Ca2+ influx reduction rescues ataxia in SCA28 model. Journal of Clinical Investigation, 2015, 125, 263-274.	3.9	67
4	Respiratory dysfunction by AFG3L2 deficiency causes decreased mitochondrial calcium uptake via organellar network fragmentation. Human Molecular Genetics, 2012, 21, 3858-3870.	1.4	49
5	Altered organization of the intermediate filament cytoskeleton and relocalization of proteostasis modulators in cells lacking the ataxia protein sacsin. Human Molecular Genetics, 2017, 26, 3130-3143.	1.4	46
6	m-AAA and i-AAA complexes work coordinately regulating OMA1, the stress-activated supervisor of mitochondrial dynamics. Journal of Cell Science, 2018, 131, .	1.2	40
7	Impaired turnover of hyperfused mitochondria in severe axonal neuropathy due to a novel DRP1 mutation. Human Molecular Genetics, 2020, 29, 177-188.	1.4	30
8	Mice harbouring a SCA28 patient mutation in AFG3L2 develop late-onset ataxia associated with enhanced mitochondrial proteotoxicity. Neurobiology of Disease, 2019, 124, 14-28.	2.1	23
9	Pathogenic variants in the AFG3L2 proteolytic domain cause SCA28 through haploinsufficiency and proteostatic stress-driven OMA1 activation. Journal of Medical Genetics, 2019, 56, 499-511.	1.5	20
10	The WRB Subunit of the Get3 Receptor is Required for the Correct Integration of its Partner CAML into the ER. Scientific Reports, 2019, 9, 11887.	1.6	16
11	A novel AFG3L2 mutation close to AAA domain leads to aberrant OMA1 and OPA1 processing in a family with optic atrophy. Acta Neuropathologica Communications, 2020, 8, 93.	2.4	10
12	Upregulation of Peroxiredoxin 3 Protects Afg3l2-KO Cortical Neurons In Vitro from Oxidative Stress: A Paradigm for Neuronal Cell Survival under Neurodegenerative Conditions. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	1.9	6