Milena Pinto

List of Publications by Year
in descending order

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Version: 2024-02-01

31 papers	1,900 citations	361413 20 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	3462 citing authors

#	Article	IF	Citations
1	Human Nmnat1 Promotes Autophagic Clearance of Amyloid Plaques in a Drosophila Model of Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2022, 14, 852972.	3.4	7
2	Stem cell therapy in Alzheimerâ€™s disease. , 2021, , 97-132.		0
3	Intravenous administration of mesenchymal stem cells reduces Tau phosphorylation and inflammation in the 3xTg-AD mouse model of Alzheimer's disease. Experimental Neurology, 2021, 341, 113706.	4.1	29
4	Treatment with ROS detoxifying gold quantum clusters alleviates the functional decline in a mouse model of Friedreich ataxia. Science Translational Medicine, 2021, 13, .	12.4	7
5	Enhanced glycolysis and GSK3 inactivation promote brain metabolic adaptations following neuronal mitochondrial stress. Human Molecular Genetics, 2021, , .	2.9	0
6	Metformin delays neurological symptom onset in a mouse model of neuronal complex I deficiency. JCI Insight, 2020, 5, .	5.0	8
7	Ablation of Cytochrome c in Adult Forebrain Neurons Impairs Oxidative Phosphorylation Without Detectable Apoptosis. Molecular Neurobiology, 2019, 56, 3722-3735.	4.0	9
8	Lack of Parkin Anticipates the Phenotype and Affects Mitochondrial Morphology and mtDNA Levels in a Mouse Model of Parkinson's Disease. Journal of Neuroscience, 2018, 38, 1042-1053.	3.6	58
9	MitoTALEN reduces mutant mtDNA load and restores tRNAAla levels in a mouse model of heteroplasmic mtDNA mutation. Nature Medicine, 2018, 24, 1696-1700.	30.7	187
10	Image-Based Analysis of Mitochondrial Area and Counting from Adult Mouse Dopaminergic Neurites. Bio-protocol, 2018, 8, e2471.	0.4	3
11	Transient mitochondrial DNA double strand breaks in mice cause accelerated aging phenotypes in a ROS-dependent but p53/p21-independent manner. Cell Death and Differentiation, 2017, 24, 288-299.	11.2	43
12	Mitochondrial DNA Double-Strand Breaks in Oligodendrocytes Cause Demyelination, Axonal Injury, and CNS Inflammation. Journal of Neuroscience, 2017, 37, 10185-10199.	3.6	34
13	Cryptic Amyloidogenic Elements in the 3â€² UTRs of Neurofilament Genes Trigger Axonal Neuropathy. American Journal of Human Genetics, 2016, 98, 597-614.	6.2	53
14	Pioglitazone ameliorates the phenotype of a novel Parkinsonâ€™s disease mouse model by reducing neuroinflammation. Molecular Neurodegeneration, 2016, 11, 25.	10.8	57
15	Mechanisms linking mtDNA damage and aging. Free Radical Biology and Medicine, 2015, 85, 250-258.	2.9	152
16	The Use of Mitochondria-Targeted Endonucleases to Manipulate mtDNA. Methods in Enzymology, 2014, 547, 373-397.	1.0	37
17	Mitochondrial genome changes and neurodegenerative diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1198-1207.	3.8	64
18	Specific elimination of mutant mitochondrial genomes in patient-derived cells by mitoTALENs. Nature Medicine, 2013, 19, 1111-1113.	30.7	350

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19	Mitochondrial DNA damage in a mouse model of Alzheimer's disease decreases amyloid beta plaque formation. Neurobiology of Aging, 2013, 34, 2399-2407.	3.1	38
20	Transient systemic mtDNA damage leads to muscle wasting by reducing the satellite cell pool. Human Molecular Genetics, 2013, 22, 3976-3986.	2.9	46
21	Therapy for mitochondrial diseases: An investigation into the potential to stimulate Parkin-mediated mitophagy. Mitochondrion, 2013, 13, 943.	3.4	1
22	Mouse models of Parkinson's disease associated with mitochondrial dysfunction. Molecular and Cellular Neurosciences, 2013, 55, 87-94.	2.2	22
23	Regional susceptibilities to mitochondrial dysfunctions in the CNS. Biological Chemistry, 2012, 393, 275-281.	2.5	17
24	Parkinson's Disease DJ-1 L166P Alters rRNA Biogenesis by Exclusion of TTRAP from the Nucleolus and Sequestration into Cytoplasmic Aggregates via TRAF6. PLoS ONE, 2012, 7, e35051.	2.5	51
25	Striatal Dysfunctions Associated with Mitochondrial DNA Damage in Dopaminergic Neurons in a Mouse Model of Parkinson's Disease. Journal of Neuroscience, 2011, 31, 17649-17658.	3.6	100
26	Tumor Necrosis Factor Receptor-associated Factor 6 (TRAF6) Associates with Huntingtin Protein and Promotes Its Atypical Ubiquitination to Enhance Aggregate Formation. Journal of Biological Chemistry, 2011, 286, 25108-25117.	3.4	57
27	The Striatum Is Highly Susceptible to Mitochondrial Oxidative Phosphorylation Dysfunctions. Journal of Neuroscience, 2011, 31, 9895-9904.	3.6	99
28	TRAF6 promotes atypical ubiquitination of mutant DJ-1 and alpha-synuclein and is localized to Lewy bodies in sporadic Parkinson's disease brains. Human Molecular Genetics, 2010, 19, 3759-3770.	2.9	76
29	Aggresome-forming TTRAP mediates pro-apoptotic properties of Parkinson's disease-associated DJ-1 missense mutations. Cell Death and Differentiation, 2009, 16, 428-438.	11.2	49
30	Unexpected expression of Î±- and Î²-globin in mesencephalic dopaminergic neurons and glial cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15454-15459.	7.1	240
31	MitoTALEN reduces mutant mtDNA load and restores tRNAAla levels in a mouse model of heteroplasmic mtDNA mutation. , 0, .		1