

# 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	Specific elimination of mutant mitochondrial genomes in patient-derived cells by mitoTALENs. <i>Nature Medicine</i> , 2013, 19, 1111-1113.	30.7	350
2	Unexpected expression of $\hat{1}\pm$ - and $\hat{1}^2$ -globin in mesencephalic dopaminergic neurons and glial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15454-15459.	7.1	240
3	MitoTALEN reduces mutant mtDNA load and restores tRNA <sup>Ala</sup> levels in a mouse model of heteroplasmic mtDNA mutation. <i>Nature Medicine</i> , 2018, 24, 1696-1700.	30.7	187
4	Mechanisms linking mtDNA damage and aging. <i>Free Radical Biology and Medicine</i> , 2015, 85, 250-258.	2.9	152
5	Striatal Dysfunctions Associated with Mitochondrial DNA Damage in Dopaminergic Neurons in a Mouse Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2011, 31, 17649-17658.	3.6	100
6	The Striatum Is Highly Susceptible to Mitochondrial Oxidative Phosphorylation Dysfunctions. <i>Journal of Neuroscience</i> , 2011, 31, 9895-9904.	3.6	99
7	TRAF6 promotes atypical ubiquitination of mutant DJ-1 and alpha-synuclein and is localized to Lewy bodies in sporadic Parkinson's disease brains. <i>Human Molecular Genetics</i> , 2010, 19, 3759-3770.	2.9	76
8	Mitochondrial genome changes and neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1198-1207.	3.8	64
9	Lack of Parkin Anticipates the Phenotype and Affects Mitochondrial Morphology and mtDNA Levels in a Mouse Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2018, 38, 1042-1053.	3.6	58
10	Tumor Necrosis Factor Receptor-associated Factor 6 (TRAF6) Associates with Huntingtin Protein and Promotes Its Atypical Ubiquitination to Enhance Aggregate Formation. <i>Journal of Biological Chemistry</i> , 2011, 286, 25108-25117.	3.4	57
11	Pioglitazone ameliorates the phenotype of a novel Parkinson's disease mouse model by reducing neuroinflammation. <i>Molecular Neurodegeneration</i> , 2016, 11, 25.	10.8	57
12	Cryptic Amyloidogenic Elements in the 3' UTRs of Neurofilament Genes Trigger Axonal Neuropathy. <i>American Journal of Human Genetics</i> , 2016, 98, 597-614.	6.2	53
13	Parkinson's Disease DJ-1 L166P Alters rRNA Biogenesis by Exclusion of TTRAP from the Nucleolus and Sequestration into Cytoplasmic Aggregates via TRAF6. <i>PLoS ONE</i> , 2012, 7, e35051.	2.5	51
14	Aggresome-forming TTRAP mediates pro-apoptotic properties of Parkinson's disease-associated DJ-1 missense mutations. <i>Cell Death and Differentiation</i> , 2009, 16, 428-438.	11.2	49
15	Transient systemic mtDNA damage leads to muscle wasting by reducing the satellite cell pool. <i>Human Molecular Genetics</i> , 2013, 22, 3976-3986.	2.9	46
16	Transient mitochondrial DNA double strand breaks in mice cause accelerated aging phenotypes in a ROS-dependent but p53/p21-independent manner. <i>Cell Death and Differentiation</i> , 2017, 24, 288-299.	11.2	43
17	Mitochondrial DNA damage in a mouse model of Alzheimer's disease decreases amyloid beta plaque formation. <i>Neurobiology of Aging</i> , 2013, 34, 2399-2407.	3.1	38
18	The Use of Mitochondria-Targeted Endonucleases to Manipulate mtDNA. <i>Methods in Enzymology</i> , 2014, 547, 373-397.	1.0	37

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19	Mitochondrial DNA Double-Strand Breaks in Oligodendrocytes Cause Demyelination, Axonal Injury, and CNS Inflammation. <i>Journal of Neuroscience</i> , 2017, 37, 10185-10199.	3.6	34
20	Intravenous administration of mesenchymal stem cells reduces Tau phosphorylation and inflammation in the 3xTg-AD mouse model of Alzheimer's disease. <i>Experimental Neurology</i> , 2021, 341, 113706.	4.1	29
21	Mouse models of Parkinson's disease associated with mitochondrial dysfunction. <i>Molecular and Cellular Neurosciences</i> , 2013, 55, 87-94.	2.2	22
22	Regional susceptibilities to mitochondrial dysfunctions in the CNS. <i>Biological Chemistry</i> , 2012, 393, 275-281.	2.5	17
23	Ablation of Cytochrome c in Adult Forebrain Neurons Impairs Oxidative Phosphorylation Without Detectable Apoptosis. <i>Molecular Neurobiology</i> , 2019, 56, 3722-3735.	4.0	9
24	Metformin delays neurological symptom onset in a mouse model of neuronal complex I deficiency. <i>JCI Insight</i> , 2020, 5, .	5.0	8
25	Treatment with ROS detoxifying gold quantum clusters alleviates the functional decline in a mouse model of Friedreich ataxia. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	7
26	Human Nmnat1 Promotes Autophagic Clearance of Amyloid Plaques in a Drosophila Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 852972.	3.4	7
27	Image-Based Analysis of Mitochondrial Area and Counting from Adult Mouse Dopaminergic Neurites. <i>Bio-protocol</i> , 2018, 8, e2471.	0.4	3
28	Therapy for mitochondrial diseases: An investigation into the potential to stimulate Parkin-mediated mitophagy. <i>Mitochondrion</i> , 2013, 13, 943.	3.4	1
29	MitoTALEN reduces mutant mtDNA load and restores tRNA <sup>Ala</sup> levels in a mouse model of heteroplasmic mtDNA mutation. , 0, .		1
30	Stem cell therapy in Alzheimer's disease. , 2021, , 97-132.		0
31	Enhanced glycolysis and GSK3 inactivation promote brain metabolic adaptations following neuronal mitochondrial stress. <i>Human Molecular Genetics</i> , 2021, , .	2.9	0