Pilar Gonzalez-Cabo

List of Publications by Year
in descending order

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30 papers	5,660 citations	516710 16 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	15291 citing authors

#	Article	IF	Citations
1	Therapeutic Strategies Targeting Mitochondrial Calcium Signaling: A New Hope for Neurological Diseases?. Antioxidants, 2022, 11, 165.	5.1	18
2	Friedreich Ataxia: current state-of-the-art, and future prospects for mitochondrial-focused therapies. Translational Research, 2021, 229, 135-141.	5.0	11
3	PPAR gamma agonist leriglitazone improves frataxin-loss impairments in cellular and animal models of Friedreich Ataxia. Neurobiology of Disease, 2021, 148, 105162.	4.4	33
4	Cofilin and Neurodegeneration: New Functions for an Old but Gold Protein. Brain Sciences, 2021, 11, 954.	2.3	6
5	Role of Adenosine Receptors in Rare Neurodegenerative Diseases with Motor Symptoms. Current Protein and Peptide Science, 2021, 22, .	1.4	1
6	Oxidative stress modulates rearrangement of endoplasmic reticulum-mitochondria contacts and calcium dysregulation in a Friedreich's ataxia model. Redox Biology, 2020, 37, 101762.	9.0	22
7	Antioxidant Therapies and Oxidative Stress in Friedreichâ€™s Ataxia: The Right Path or Just a Diversion?. Antioxidants, 2020, 9, 664.	5.1	13
8	Thioredoxin and Glutaredoxin Systems as Potential Targets for the Development of New Treatments in Friedreichâ€™s Ataxia. Antioxidants, 2020, 9, 1257.	5.1	29
9	Much More Than a Scaffold: Cytoskeletal Proteins in Neurological Disorders. Cells, 2020, 9, 358.	4.1	79
10	Cofilin dysregulation alters actin turnover in frataxin-deficient neurons. Scientific Reports, 2020, 10, 5207.	3.3	12
11	The Role of Iron in Friedreichâ€™s Ataxia: Insights From Studies in Human Tissues and Cellular and Animal Models. Frontiers in Neuroscience, 2019, 13, 75.	2.8	58
12	Phosphodiesterase Inhibitors Revert Axonal Dystrophy in Friedreich's Ataxia Mouse Model. Neurotherapeutics, 2019, 16, 432-449.	4.4	10
13	Circulating miR-323-3p is a biomarker for cardiomyopathy and an indicator of phenotypic variability in Friedreichâ€™s ataxia patients. Scientific Reports, 2017, 7, 5237.	3.3	19
14	Reversible Axonal Dystrophy by Calcium Modulation in Frataxin-Deficient Sensory Neurons of YG8R Mice. Frontiers in Molecular Neuroscience, 2017, 10, 264.	2.9	83
15	Two different pathogenic mechanisms, dying-back axonal neuropathy and pancreatic senescence, are present in the YG8R mouse model of Friedreich ataxia. DMM Disease Models and Mechanisms, 2016, 9, 647-57.	2.4	14
16	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
17	Caenorhabditis elegans Models to Study the Molecular Biology of Ataxias. , 2015, , 1043-1059.		0
18	Mitochondrial dysfunction induced by frataxin deficiency is associated with cellular senescence and abnormal calcium metabolism. Frontiers in Cellular Neuroscience, 2014, 8, 124.	3.7	72

#	Article	IF	Citations
19	Mitochondrial pathophysiology in Friedreich's ataxia. Journal of Neurochemistry, 2013, 126, 53-64.	3.9	74
20	Disruption of the ATP-binding Cassette B7 (ABTM-1/ABCB7) Induces Oxidative Stress and Premature Cell Death in Caenorhabditis elegans. Journal of Biological Chemistry, 2011, 286, 21304-21314.	3.4	26
21	Differential Expression of PGC-1Î± and Metabolic Sensors Suggest Age-Dependent Induction of Mitochondrial Biogenesis in Friedreich Ataxia Fibroblasts. PLoS ONE, 2011, 6, e20666.	2.5	39
22	Flavin Adenine Dinucleotide Rescues the Phenotype of Frataxin Deficiency. PLoS ONE, 2010, 5, e8872.	2.5	31
23	Friedreich Ataxia: An Update on Animal Models, Frataxin Function and Therapies. Advances in Experimental Medicine and Biology, 2009, 652, 247-261.	1.6	14
24	The frataxin-encoding operon of Caenorhabditis elegans shows complex structure and regulation. Genomics, 2007, 89, 392-401.	2.9	14
25	Reduction of Caenorhabditis elegans frataxin increases sensitivity to oxidative stress, reduces lifespan, and causes lethality in a mitochondrial complex II mutant. FASEB Journal, 2006, 20, 172-174.	0.5	87
26	Frataxin interacts functionally with mitochondrial electron transport chain proteins. Human Molecular Genetics, 2005, 14, 2091-2098.	2.9	124
27	Prevalence of 2314delG mutation in Spanish patients with Usher syndrome type II (USH2). Ophthalmic Genetics, 2000, 21, 123-128.	1.2	13
28	Title is missing!. Biotechnology Letters, 1999, 21, 349-353.	2.2	38
29	Incipient GAA repeats in the primate Friedreich ataxia homologous genes. Molecular Biology and Evolution, 1999, 16, 880-883.	8.9	10
30	Frataxin Deficit Leads to Reduced Dynamics of Growth Cones in Dorsal Root Ganglia Neurons of Friedreichâ€™s Ataxia YG8sR Model: A Multilinear Algebra Approach. Frontiers in Molecular Neuroscience, 0, 15, .	2.9	2