

Alvaro Sanchez-Martinez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3702044/publications.pdf>

Version: 2024-02-01

21
papers

1,582
citations

516561

16
h-index

794469

19
g-index

27
all docs

27
docs citations

27
times ranked

4663
citing authors

#	ARTICLE	IF	CITATIONS
1	DCAT1 activity synchronises with mitophagy to protect cells from metabolic rewiring by iron depletion. <i>EMBO Journal</i> , 2022, 41, e109390.	3.5	22
2	SRSF1-dependent inhibition of C9ORF72-repeat RNA nuclear export: genome-wide mechanisms for neuroprotection in amyotrophic lateral sclerosis. <i>Molecular Neurodegeneration</i> , 2021, 16, 53.	4.4	13
3	Mitochondrial impairment activates the Wallerian pathway through depletion of NMNAT2 leading to SARM1-dependent axon degeneration. <i>Neurobiology of Disease</i> , 2020, 134, 104678.	2.1	87
4	Mitochondrially-targeted APOBEC1 is a potent mtDNA mutator affecting mitochondrial function and organismal fitness in <i>Drosophila</i> . <i>Nature Communications</i> , 2019, 10, 3280.	5.8	23
5	Comprehensive Genetic Characterization of Mitochondrial Ca ²⁺ Uniporter Components Reveals Their Different Physiological Requirements In Vivo. <i>Cell Reports</i> , 2019, 27, 1541-1550.e5.	2.9	46
6	Inhibition of the deubiquitinase USP8 corrects a <i>Drosophila</i> PINK1 model of mitochondria dysfunction. <i>Life Science Alliance</i> , 2019, 2, e201900392.	1.3	22
7	Superoxide dismutating molecules rescue the toxic effects of PINK1 and parkin loss. <i>Human Molecular Genetics</i> , 2018, 27, 1618-1629.	1.4	28
8	Basal mitophagy is widespread in <i>Drosophila</i> but minimally affected by loss of Pink1 or parkin. <i>Journal of Cell Biology</i> , 2018, 217, 1613-1622.	2.3	253
9	Characterization of <i>Drosophila</i> ATPsynC mutants as a new model of mitochondrial ATP synthase disorders. <i>PLoS ONE</i> , 2018, 13, e0201811.	1.1	7
10	The NAD ⁺ Precursor Nicotinamide Riboside Rescues Mitochondrial Defects and Neuronal Loss in iPSC and Fly Models of Parkinson's Disease. <i>Cell Reports</i> , 2018, 23, 2976-2988.	2.9	239
11	SRSF1-dependent nuclear export inhibition of C9ORF72 repeat transcripts prevents neurodegeneration and associated motor deficits. <i>Nature Communications</i> , 2017, 8, 16063.	5.8	106
12	Protective effects of superoxide dismutation activity in genetic models of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 22, e88.	1.1	0
13	Parkinson disease-linked GBA mutation effects reversed by molecular chaperones in human cell and fly models. <i>Scientific Reports</i> , 2016, 6, 31380.	1.6	133
14	Superoxide Dismutase (SOD)-mimetic M40403 Is Protective in Cell and Fly Models of Paraquat Toxicity. <i>Journal of Biological Chemistry</i> , 2016, 291, 9257-9267.	1.6	56
15	The Complex I Subunit NDUF10 Selectively Rescues <i>Drosophila</i> pink1 Mutants through a Mechanism Independent of Mitophagy. <i>PLoS Genetics</i> , 2014, 10, e1004815.	1.5	68
16	Genome-wide RNAi screen identifies the Parkinson disease GWAS risk locus <i>SREBF1</i> as a regulator of mitophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8494-8499.	3.3	109
17	The Parkinson's disease-linked proteins Fbxo7 and Parkin interact to mediate mitophagy. <i>Nature Neuroscience</i> , 2013, 16, 1257-1265.	7.1	292
18	Coiled Coil Domain-containing Protein 56 (CCDC56) Is a Novel Mitochondrial Protein Essential for Cytochrome c Oxidase Function. <i>Journal of Biological Chemistry</i> , 2012, 287, 24174-24185.	1.6	21

#	ARTICLE	IF	CITATIONS
19	Modeling Pathogenic Mutations of Human Twinkle in Drosophila Suggests an Apoptosis Role in Response to Mitochondrial Defects. PLoS ONE, 2012, 7, e43954.	1.1	18
20	Modeling human mitochondrial diseases in flies. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 1190-1198.	0.5	28
21	Comprehensive Genetic Characterisation of Mitochondrial Ca ²⁺ Uniporter Components Reveals Their Different Physiological Requirements in Vivo. SSRN Electronic Journal, 0, , .	0.4	0