

# Laetitia ArnaunÃ©-Pelloquin

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

4,103  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

6927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	1,430
2	Nuclear gene OPA1, encoding a mitochondrial dynamin-related protein, is mutated in dominant optic atrophy. <i>Nature Genetics</i> , 2000, 26, 207-210.	21.4	1,275
3	The human dynamin-related protein OPA1 is anchored to the mitochondrial inner membrane facing the inter-membrane space. <i>FEBS Letters</i> , 2002, 523, 171-176.	2.8	348
4	Mitochondrial fusion/fission dynamics in neurodegeneration and neuronal plasticity. <i>Neurobiology of Disease</i> , 2016, 90, 3-19.	4.4	266
5	Mitochondrial dynamics and disease, OPA1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 500-509.	4.1	195
6	The BH3-only Bnip3 binds to the dynamin Opa1 to promote mitochondrial fragmentation and apoptosis by distinct mechanisms. <i>EMBO Reports</i> , 2010, 11, 459-465.	4.5	150
7	Effects of OPA1 mutations on mitochondrial morphology and apoptosis: Relevance to ADOA pathogenesis. <i>Journal of Cellular Physiology</i> , 2007, 211, 423-430.	4.1	128
8	Identification of a Fission Yeast Dynamin-Related Protein Involved in Mitochondrial DNA Maintenance. <i>Biochemical and Biophysical Research Communications</i> , 1998, 251, 720-726.	2.1	72
9	OPA1 (dys)functions. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 593-598.	5.0	50
10	Mitochondria in Developmental and Adult Neurogenesis. <i>Neurotoxicity Research</i> , 2019, 36, 257-267.	2.7	39
11	Inner-membrane proteins PMI/TMEM11 regulate mitochondrial morphogenesis independently of the DRP1/MFN fission/fusion pathways. <i>EMBO Reports</i> , 2011, 12, 223-230.	4.5	33
12	OPA1 haploinsufficiency induces a BNIP3-dependent decrease in mitophagy in neurons: relevance to Dominant Optic Atrophy. <i>Journal of Neurochemistry</i> , 2017, 140, 485-494.	3.9	29
13	A yeast-based screening assay identifies repurposed drugs that suppress mitochondrial fusion and mtDNA maintenance defects. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	15
14	Role of the Fission Yeast nim1 Protein Kinase in the Cell Cycle Response to Nutritional Signals. <i>Biochemical and Biophysical Research Communications</i> , 1997, 232, 204-208.	2.1	13
15	Processing of the dynamin Msp1p in <i>S. pombe</i> reveals an evolutionary switch between its orthologs Mgm1p in <i>S. cerevisiae</i> and OPA1 in mammals. <i>FEBS Letters</i> , 2010, 584, 3153-3157.	2.8	12
16	Transmembrane segments of the dynamin Msp1p uncouple its functions in the control of mitochondrial morphology and genome maintenance. <i>Journal of Cell Science</i> , 2009, 122, 2632-2639.	2.0	11
17	HIV-1 Vpr inhibits autophagy during the early steps of infection of CD4 T cells. <i>Biology of the Cell</i> , 2019, 111, 308-318.	2.0	8
18	Loss of Msp1p in <i>Schizosaccharomyces pombe</i> induces a ROS-dependent nuclear mutator phenotype that affects mitochondrial fission genes. <i>FEBS Letters</i> , 2016, 590, 3544-3558.	2.8	7

#	ARTICLE	IF	CITATIONS
19	The Metabolomic Signature of Opa1 Deficiency in Rat Primary Cortical Neurons Shows Aspartate/Glutamate Depletion and Phospholipids Remodeling. Scientific Reports, 2019, 9, 6107.	3.3	7