

Marc Germain

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

5,690
citations

331670

21
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

13422
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Mitochondrial Dynamics Impacts Stem Cell Identity and Fate Decisions by Regulating a Nuclear Transcriptional Program. <i>Cell Stem Cell</i> , 2016, 19, 232-247.	11.1	469
3	OPA1-dependent cristae modulation is essential for cellular adaptation to metabolic demand. <i>EMBO Journal</i> , 2014, 33, 2676-2691.	7.8	312
4	Endoplasmic reticulum BIK initiates DRP1-regulated remodelling of mitochondrial cristae during apoptosis. <i>EMBO Journal</i> , 2005, 24, 1546-1556.	7.8	307
5	Reactive Oxygen Species: Stuck in the Middle of Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S357-S367.	2.6	216
6	Loss of Mitochondrial Function Impairs Lysosomes. <i>Journal of Biological Chemistry</i> , 2016, 291, 10263-10276.	3.4	178
7	MCL-1 is a stress sensor that regulates autophagy in a developmentally regulated manner. <i>EMBO Journal</i> , 2011, 30, 395-407.	7.8	159
8	Selective packaging of mitochondrial proteins into extracellular vesicles prevents the release of mitochondrial DAMPs. <i>Nature Communications</i> , 2021, 12, 1971.	12.8	142
9	BH-3-only BIK Functions at the Endoplasmic Reticulum to Stimulate Cytochrome c Release from Mitochondria. <i>Journal of Biological Chemistry</i> , 2002, 277, 18053-18060.	3.4	125
10	Mitochondria and Lysosomes: Discovering Bonds. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 106.	3.7	101
11	Mitochondria Targeted Viral Replication and Survival Strategies—Prospective on SARS-CoV-2. <i>Frontiers in Pharmacology</i> , 2020, 11, 578599.	3.5	60
12	The N Terminus of the Anti-apoptotic BCL-2 Homologue MCL-1 Regulates Its Localization and Function. <i>Journal of Biological Chemistry</i> , 2007, 282, 32233-32242.	3.4	55
13	Mitochondrial Extracellular Vesicles – Origins and Roles. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 767219.	2.9	53
14	MCL-1 regulates the balance between autophagy and apoptosis. <i>Autophagy</i> , 2011, 7, 549-551.	9.1	48
15	MCL-1 Inhibits BAX in the Absence of MCL-1/BAX Interaction. <i>Journal of Biological Chemistry</i> , 2008, 283, 6384-6392.	3.4	47
16	Cellular Distribution of Bcl-2 Family Proteins. <i>Science Signaling</i> , 2003, 2003, pe10-pe10.	3.6	46
17	Oleuropein Prevents Neuronal Death, Mitigates Mitochondrial Superoxide Production and Modulates Autophagy in a Dopaminergic Cellular Model. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1293.	4.1	43
18	The R941L mutation in MYH14 disrupts mitochondrial fission and associates with peripheral neuropathy. <i>EBioMedicine</i> , 2019, 45, 379-392.	6.1	37

#	ARTICLE	IF	CITATIONS
19	A novel algorithm identifies stress-induced alterations in mitochondrial connectivity and inner membrane structure from confocal images. PLoS Computational Biology, 2017, 13, e1005612.	3.2	37
20	Cucurbitacin E Has Neuroprotective Properties and Autophagic Modulating Activities on Dopaminergic Neurons. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-15.	4.0	35
21	Mitochondrial interaction with the endosomal compartment in endocytosis and mitochondrial transfer. Mitochondrion, 2019, 49, 284-288.	3.4	22
22	LKB1-regulated adaptive mechanisms are essential for neuronal survival following mitochondrial dysfunction. Human Molecular Genetics, 2013, 22, 952-962.	2.9	21
23	Dining in with BCL-2: new guests at the autophagy table. Clinical Science, 2010, 118, 173-181.	4.3	19
24	A new automated tool to quantify nucleoid distribution within mitochondrial networks. Scientific Reports, 2021, 11, 22755.	3.3	10
25	Mitochondrial adaptation in human mesenchymal stem cells following ionizing radiation. FASEB Journal, 2019, 33, 9263-9278.	0.5	8
26	Activation of Antioxidant and Proteolytic Pathways in the Nigrostriatal Dopaminergic System After 3,4-Methylenedioxymethamphetamine Administration: Sex-Related Differences. Frontiers in Pharmacology, 2021, 12, 713486.	3.5	5
27	OPA1 and mitochondrial solute carriers in bioenergetic metabolism. Molecular and Cellular Oncology, 2015, 2, e982378.	0.7	3
28	Induction and endoplasmic reticulum location of BIK/NBK in response to apoptotic signaling by E1A and p53. , 0, .		1