

Marc Germain

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

5,690
citations

331259

21
h-index

500791

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.	4.3	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.	5.2	469
3	OPA1-dependent cristae modulation is essential for cellular adaptation to metabolic demand. <i>EMBO Journal</i> , 2014, 33, 2676-2691.	3.5	312
4	Endoplasmic reticulum BIK initiates DRP1-regulated remodelling of mitochondrial cristae during apoptosis. <i>EMBO Journal</i> , 2005, 24, 1546-1556.	3.5	307
5	Reactive Oxygen Species: Stuck in the Middle of Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S357-S367.	1.2	216
6	Loss of Mitochondrial Function Impairs Lysosomes. <i>Journal of Biological Chemistry</i> , 2016, 291, 10263-10276.	1.6	178
7	MCL-1 is a stress sensor that regulates autophagy in a developmentally regulated manner. <i>EMBO Journal</i> , 2011, 30, 395-407.	3.5	159
8	Selective packaging of mitochondrial proteins into extracellular vesicles prevents the release of mitochondrial DAMPs. <i>Nature Communications</i> , 2021, 12, 1971.	5.8	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.	1.6	125
10	Mitochondria and Lysosomes: Discovering Bonds. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 106.	1.8	101
11	Mitochondria Targeted Viral Replication and Survival Strategies—Prospective on SARS-CoV-2. <i>Frontiers in Pharmacology</i> , 2020, 11, 578599.	1.6	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.	1.6	55
13	Mitochondrial Extracellular Vesicles — Origins and Roles. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 767219.	1.4	53
14	MCL-1 regulates the balance between autophagy and apoptosis. <i>Autophagy</i> , 2011, 7, 549-551.	4.3	48
15	MCL-1 Inhibits BAX in the Absence of MCL-1/BAX Interaction. <i>Journal of Biological Chemistry</i> , 2008, 283, 6384-6392.	1.6	47
16	Cellular Distribution of Bcl-2 Family Proteins. <i>Science Signaling</i> , 2003, 2003, pe10-pe10.	1.6	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.	1.8	43
18	The R941L mutation in MYH14 disrupts mitochondrial fission and associates with peripheral neuropathy. <i>EBioMedicine</i> , 2019, 45, 379-392.	2.7	37

#	ARTICLE	IF	CITATIONS
19	A novel algorithm identifies stress-induced alterations in mitochondrial connectivity and inner membrane structure from confocal images. <i>PLoS Computational Biology</i> , 2017, 13, e1005612.	1.5	37
20	Cucurbitacin E Has Neuroprotective Properties and Autophagic Modulating Activities on Dopaminergic Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-15.	1.9	35
21	Mitochondrial interaction with the endosomal compartment in endocytosis and mitochondrial transfer. <i>Mitochondrion</i> , 2019, 49, 284-288.	1.6	22
22	LKB1-regulated adaptive mechanisms are essential for neuronal survival following mitochondrial dysfunction. <i>Human Molecular Genetics</i> , 2013, 22, 952-962.	1.4	21
23	Dining in with BCL-2: new guests at the autophagy table. <i>Clinical Science</i> , 2010, 118, 173-181.	1.8	19
24	A new automated tool to quantify nucleoid distribution within mitochondrial networks. <i>Scientific Reports</i> , 2021, 11, 22755.	1.6	10
25	Mitochondrial adaptation in human mesenchymal stem cells following ionizing radiation. <i>FASEB Journal</i> , 2019, 33, 9263-9278.	0.2	8
26	Activation of Antioxidant and Proteolytic Pathways in the Nigrostriatal Dopaminergic System After 3,4-Methylenedioxymethamphetamine Administration: Sex-Related Differences. <i>Frontiers in Pharmacology</i> , 2021, 12, 713486.	1.6	5
27	OPA1 and mitochondrial solute carriers in bioenergetic metabolism. <i>Molecular and Cellular Oncology</i> , 2015, 2, e982378.	0.3	3
28	Induction and endoplasmic reticulum location of BIK/NBK in response to apoptotic signaling by E1A and p53. , 0, .		1