

George Angus Mcquibban

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

5,163
citations

394421

19
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

11615
citing authors

#	ARTICLE	IF	CITATIONS
1	ROCK inhibitors upregulate the neuroprotective Parkin-mediated mitophagy pathway. <i>Nature Communications</i> , 2020, 11, 88.	12.8	77
2	Meiotic viral attenuation through an ancestral apoptotic pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16454-16462.	7.1	24
3	Deubiquitinating enzyme USP30 maintains basal peroxisome abundance by regulating pexophagy. <i>Journal of Cell Biology</i> , 2019, 218, 798-807.	5.2	50
4	USP30: protector of peroxisomes and mitochondria. <i>Molecular and Cellular Oncology</i> , 2019, 6, 1600350.	0.7	3
5	Cardiolipin synthesizing enzymes form a complex that interacts with cardiolipin-dependent membrane organizing proteins. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 447-457.	2.4	25
6	The Mitochondrial Rhomboid Protease PARL Is Regulated by PDK2 to Integrate Mitochondrial Quality Control and Metabolism. <i>Cell Reports</i> , 2017, 18, 1458-1472.	6.4	62
7	A Rhomboid in the Rough: Potent Inhibitors for a Previously Undruggable Target. <i>Cell Chemical Biology</i> , 2017, 24, 1431-1433.	5.2	1
8	Mitochondrial Genome Maintenance 1 (Mgm1) Protein Alters Membrane Topology and Promotes Local Membrane Bending. <i>Journal of Molecular Biology</i> , 2015, 427, 2599-2609.	4.2	25
9	Deubiquitinating enzymes regulate PARK2-mediated mitophagy. <i>Autophagy</i> , 2015, 11, 595-606.	9.1	180
10	<i>Caenorhabditis elegans</i> is a useful model for anthelmintic discovery. <i>Nature Communications</i> , 2015, 6, 7485.	12.8	163
11	The Atypical Cadherin Fat Directly Regulates Mitochondrial Function and Metabolic State. <i>Cell</i> , 2014, 158, 1293-1308.	28.9	70
12	The mitochondrial rhomboid protease: Its rise from obscurity to the pinnacle of disease-relevant genes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2916-2925.	2.6	38
13	Membrane Tethering and Nucleotide-dependent Conformational Changes Drive Mitochondrial Genome Maintenance (Mgm1) Protein-mediated Membrane Fusion. <i>Journal of Biological Chemistry</i> , 2012, 287, 36634-36638.	3.4	20
14	ROS-induced mitochondrial depolarization initiates PARK2/PARKIN-dependent mitochondrial degradation by autophagy. <i>Autophagy</i> , 2012, 8, 1462-1476.	9.1	358
15	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
16	The Genetics of Mitochondrial Fusion and Fission. , 2011, , 1-46.		0
17	Functional alteration of PARL contributes to mitochondrial dysregulation in Parkinson's disease. <i>Human Molecular Genetics</i> , 2011, 20, 1966-1974.	2.9	160
18	The PARLance of Parkinson disease. <i>Autophagy</i> , 2011, 7, 790-792.	9.1	7

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19	Phospholipid Association Is Essential for Dynamin-related Protein Mgm1 to Function in Mitochondrial Membrane Fusion. <i>Journal of Biological Chemistry</i> , 2009, 284, 28682-28686.	3.4	62
20	The Dynamin-Related Protein Mgm1p Assembles into Oligomers and Hydrolyzes GTP To Function in Mitochondrial Membrane Fusion. <i>Biochemistry</i> , 2009, 48, 1774-1784.	2.5	56
21	Rhomboid-7 and HtrA2/Omi act in a common pathway with the Parkinson's disease factors Pink1 and Parkin. <i>DMM Disease Models and Mechanisms</i> , 2008, 1, 168-174.	2.4	174
22	Normal Mitochondrial Dynamics Requires Rhomboid-7 and Affects Drosophila Lifespan and Neuronal Function. <i>Current Biology</i> , 2006, 16, 982-989.	3.9	119
23	Mitochondrial membrane remodelling regulated by a conserved rhomboid protease. <i>Nature</i> , 2003, 423, 537-541.	27.8	367