George Angus Mcquibban

List of Publications by Year
in descending order

23	5,163	394421 19	677142 22
papers	citations	h-index	g-index

24	24	24	11615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Mitochondrial membrane remodelling regulated by a conserved rhomboid protease. Nature, 2003, 423, 537-541.	27.8	367
3	ROS-induced mitochondrial depolarization initiates PARK2/PARKIN-dependent mitochondrial degradation by autophagy. Autophagy, 2012, 8, 1462-1476.	9.1	358
4	Deubiquitinating enzymes regulate PARK2-mediated mitophagy. Autophagy, 2015, 11, 595-606.	9.1	180
5	Rhomboid-7 and HtrA2/Omi act in a common pathway with the Parkinsonâ€™s disease factors Pink1 and Parkin. DMM Disease Models and Mechanisms, 2008, 1, 168-174.	2.4	174
6	Caenorhabditis elegans is a useful model for anthelmintic discovery. Nature Communications, 2015, 6, 7485.	12.8	163
7	Functional alteration of PARL contributes to mitochondrial dysregulation in Parkinson's disease. Human Molecular Genetics, 2011, 20, 1966-1974.	2.9	160
8	Normal Mitochondrial Dynamics Requires Rhomboid-7 and Affects Drosophila Lifespan and Neuronal Function. Current Biology, 2006, 16, 982-989.	3.9	119
9	ROCK inhibitors upregulate the neuroprotective Parkin-mediated mitophagy pathway. Nature Communications, 2020, 11, 88.	12.8	77
10	The Atypical Cadherin Fat Directly Regulates Mitochondrial Function and Metabolic State. Cell, 2014, 158, 1293-1308.	28.9	70
11	Phospholipid Association Is Essential for Dynamin-related Protein Mgm1 to Function in Mitochondrial Membrane Fusion. Journal of Biological Chemistry, 2009, 284, 28682-28686.	3.4	62
12	The Mitochondrial Rhomboid Protease PARL Is Regulated by PDK2 to Integrate Mitochondrial Quality Control and Metabolism. Cell Reports, 2017, 18, 1458-1472.	6.4	62
13	The Dynamin-Related Protein Mgm1p Assembles into Oligomers and Hydrolyzes GTP To Function in Mitochondrial Membrane Fusion. Biochemistry, 2009, 48, 1774-1784.	2.5	56
14	Deubiquitinating enzyme USP30 maintains basal peroxisome abundance by regulating pexophagy. Journal of Cell Biology, 2019, 218, 798-807.	5.2	50
15	The mitochondrial rhomboid protease: Its rise from obscurity to the pinnacle of disease-relevant genes. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 2916-2925.	2.6	38
16	Mitochondrial Genome Maintenance 1 (Mgm1) Protein Alters Membrane Topology and Promotes Local Membrane Bending. Journal of Molecular Biology, 2015, 427, 2599-2609.	4.2	25
17	Cardiolipin synthesizing enzymes form a complex that interacts with cardiolipin-dependent membrane organizing proteins. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 447-457.	2.4	25
18	Meiotic viral attenuation through an ancestral apoptotic pathway. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16454-16462.	7.1	24

#	Article	IF	Citations
19	Membrane Tethering and Nucleotide-dependent Conformational Changes Drive Mitochondrial Genome Maintenance (Mgm1) Protein-mediated Membrane Fusion. Journal of Biological Chemistry, 2012, 287, 36634-36638.	3.4	20
20	The PARLance of Parkinson disease. Autophagy, 2011, 7, 790-792.	9.1	7
21	USP30: protector of peroxisomes and mitochondria. Molecular and Cellular Oncology, 2019, 6, 1600350.	0.7	3
22	A Rhomboid in the Rough: Potent Inhibitors for a Previously Undruggable Target. Cell Chemical Biology, 2017, 24, 1431-1433.	5.2	1
23	The Genetics of Mitochondrial Fusion and Fission. , 2011, , 1-46.		0