

George Angus Mcquibban

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

4,415
citations

17
h-index

24
g-index

24
ext. papers

4,824
ext. citations

11.6
avg, IF

4.53
L-index

#	Paper	IF	Citations
23	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	14.2	2783
22	Mitochondrial membrane remodelling regulated by a conserved rhomboid protease. <i>Nature</i> , 2003 , 423, 537-41	50.4	350
21	ROS-induced mitochondrial depolarization initiates PARK2/PARKIN-dependent mitochondrial degradation by autophagy. <i>Autophagy</i> , 2012 , 8, 1462-76	10.2	286
20	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, 168-74; discussion 173	4.1	151
19	Deubiquitinating enzymes regulate PARK2-mediated mitophagy. <i>Autophagy</i> , 2015 , 11, 595-606	10.2	136
18	Functional alteration of PARL contributes to mitochondrial dysregulation in Parkinson's disease. <i>Human Molecular Genetics</i> , 2011 , 20, 1966-74	5.6	131
17	Normal mitochondrial dynamics requires rhomboid-7 and affects Drosophila lifespan and neuronal function. <i>Current Biology</i> , 2006 , 16, 982-9	6.3	106
16	Caenorhabditis elegans is a useful model for anthelmintic discovery. <i>Nature Communications</i> , 2015 , 6, 7485	17.4	103
15	The atypical cadherin fat directly regulates mitochondrial function and metabolic state. <i>Cell</i> , 2014 , 158, 1293-1308	56.2	55
14	Phospholipid association is essential for dynamin-related protein Mgm1 to function in mitochondrial membrane fusion. <i>Journal of Biological Chemistry</i> , 2009 , 284, 28682-6	5.4	55
13	The dynamin-related protein Mgm1p assembles into oligomers and hydrolyzes GTP to function in mitochondrial membrane fusion. <i>Biochemistry</i> , 2009 , 48, 1774-84	3.2	53
12	The Mitochondrial Rhomboid Protease PARL Is Regulated by PDK2 to Integrate Mitochondrial Quality Control and Metabolism. <i>Cell Reports</i> , 2017 , 18, 1458-1472	10.6	40
11	ROCK inhibitors upregulate the neuroprotective Parkin-mediated mitophagy pathway. <i>Nature Communications</i> , 2020 , 11, 88	17.4	33
10	Deubiquitinating enzyme USP30 maintains basal peroxisome abundance by regulating pexophagy. <i>Journal of Cell Biology</i> , 2019 , 218, 798-807	7.3	32
9	The mitochondrial rhomboid protease: its rise from obscurity to the pinnacle of disease-relevant genes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013 , 1828, 2916-25	3.8	32
8	Mitochondrial Genome Maintenance 1 (Mgm1) Protein Alters Membrane Topology and Promotes Local Membrane Bending. <i>Journal of Molecular Biology</i> , 2015 , 427, 2599-609	6.5	19
7	Membrane tethering and nucleotide-dependent conformational changes drive mitochondrial genome maintenance (Mgm1) protein-mediated membrane fusion. <i>Journal of Biological Chemistry</i> , 2012 , 287, 36634-8	5.4	17

6	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	5	14
5	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	11.5	12
4	The PARLance of Parkinson disease. <i>Autophagy</i> , 2011 , 7, 790-2	10.2	6
3	USP30: protector of peroxisomes and mitochondria. <i>Molecular and Cellular Oncology</i> , 2019 , 6, 1600350	1.2	1
2	A Rhomboid in the Rough: Potent Inhibitors for a Previously Undruggable Target. <i>Cell Chemical Biology</i> , 2017 , 24, 1431-1433	8.2	
1	The Genetics of Mitochondrial Fusion and Fission 2011 , 1-46		