

Benjamin S Padman

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,348
citations

840776

11
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

5846
citing authors

#	ARTICLE	IF	CITATIONS
1	BAK/BAX macropores facilitate mitochondrial herniation and mtDNA efflux during apoptosis. <i>Science</i> , 2018, 359, .	12.6	581
2	Atg8 family LC3/GABARAP proteins are crucial for autophagosome-lysosome fusion but not autophagosome formation during PINK1/Parkin mitophagy and starvation. <i>Journal of Cell Biology</i> , 2016, 215, 857-874.	5.2	487
3	Deciphering the Molecular Signals of PINK1/Parkin Mitophagy. <i>Trends in Cell Biology</i> , 2016, 26, 733-744.	7.9	458
4	Bacteriophage Transcytosis Provides a Mechanism To Cross Epithelial Cell Layers. <i>MBio</i> , 2017, 8, .	4.1	273
5	LC3/GABARAPs drive ubiquitin-independent recruitment of Optineurin and NDP52 to amplify mitophagy. <i>Nature Communications</i> , 2019, 10, 408.	12.8	156
6	STING induces LC3B lipidation onto single-membrane vesicles via the V-ATPase and ATG16L1-WD40 domain. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	90
7	Multimodal Analysis of PEI-Mediated Endocytosis of Nanoparticles in Neural Cells. <i>ACS Nano</i> , 2011, 5, 8640-8648.	14.6	83
8	The protonophore CCCP interferes with lysosomal degradation of autophagic cargo in yeast and mammalian cells. <i>Autophagy</i> , 2013, 9, 1862-1875.	9.1	78
9	ATG4 family proteins drive phagophore growth independently of the LC3/GABARAP lipidation system. <i>Molecular Cell</i> , 2021, 81, 2013-2030.e9.	9.7	46
10	Autophagosome formation and cargo sequestration in the absence of LC3/GABARAPs. <i>Autophagy</i> , 2017, 13, 772-774.	9.1	40
11	An Improved Procedure for Subcellular Spatial Alignment during Live-Cell CLEM. <i>PLoS ONE</i> , 2014, 9, e95967.	2.5	16
12	Ablation of tau causes an olfactory deficit in a murine model of Parkinson's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 57.	5.2	11
13	Deleterious variants in <i>CRLS1</i> lead to cardiolipin deficiency and cause an autosomal recessive multi-system mitochondrial disease. <i>Human Molecular Genetics</i> , 2022, 31, 3597-3612.	2.9	11
14	Live-Cell CLEM of Subcellular Targets. <i>Methods in Cell Biology</i> , 2014, 124, 275-303.	1.1	5
15	Human hepatitis A virus 3C protease exerts a cytostatic effect on <i>Saccharomyces cerevisiae</i> and affects the vacuolar compartment. <i>Biologia (Poland)</i> , 2021, 76, 321-327.	1.5	3
16	ATG4s: above and beyond the Atg8-family protein lipidation system. <i>Autophagy</i> , 2021, 17, 2648-2650.	9.1	3
17	Immunofluorescence-Based Measurement of Autophagosome Formation During Mitophagy. <i>Methods in Molecular Biology</i> , 2022, 2445, 207-226.	0.9	2
18	Multi-omics approach characterises CRLS1 deficiency, a novel mitochondrial disorder. <i>Pathology</i> , 2022, 54, S13.	0.6	0