

Taki Nishimura

List of Publications by Citations

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Version: 2024-04-26

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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.

22
papers

1,614
citations

15
h-index

24
g-index

24
ext. papers

1,901
ext. citations

8.3
avg, IF

4.75
L-index

#	Paper	IF	Citations
22	De novo mutations in the autophagy gene WDR45 cause static encephalopathy of childhood with neurodegeneration in adulthood. <i>Nature Genetics</i> , 2013 , 45, 445-9, 449e1	36.3	330
21	The HOPS complex mediates autophagosome-lysosome fusion through interaction with syntaxin 17. <i>Molecular Biology of the Cell</i> , 2014 , 25, 1327-37	3.5	298
20	Mammalian Atg2 proteins are essential for autophagosome formation and important for regulation of size and distribution of lipid droplets. <i>Molecular Biology of the Cell</i> , 2012 , 23, 896-909	3.5	279
19	FIP200 regulates targeting of Atg16L1 to the isolation membrane. <i>EMBO Reports</i> , 2013 , 14, 284-91	6.5	138
18	Autophagosome formation is initiated at phosphatidylinositol synthase-enriched ER subdomains. <i>EMBO Journal</i> , 2017 , 36, 1719-1735	13	114
17	LC3, a microtubule-associated protein1A/B light chain3, is involved in cytoplasmic lipid droplet formation. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 393, 274-9	3.4	93
16	Emerging roles of ATG proteins and membrane lipids in autophagosome formation. <i>Cell Discovery</i> , 2020 , 6, 32	22.3	60
15	Differential requirement for ATG2A domains for localization to autophagic membranes and lipid droplets. <i>FEBS Letters</i> , 2017 , 591, 3819-3830	3.8	47
14	Inhibition of cholesterol biosynthesis by 25-hydroxycholesterol is independent of OSBP. <i>Genes To Cells</i> , 2005 , 10, 793-801	2.3	43
13	Osh Proteins Control Nanoscale Lipid Organization Necessary for PI(4,5)P Synthesis. <i>Molecular Cell</i> , 2019 , 75, 1043-1057.e8	17.6	34
12	Oligo-astheno-teratozoospermia in mice lacking ORP4, a sterol-binding protein in the OSBP-related protein family. <i>Genes To Cells</i> , 2014 , 19, 13-27	2.3	28
11	Accumulation of undegraded autophagosomes by expression of dominant-negative STX17 (syntaxin 17) mutants. <i>Autophagy</i> , 2017 , 13, 1452-1464	10.2	26
10	A critical role of VMP1 in lipoprotein secretion. <i>ELife</i> , 2019 , 8,	8.9	26
9	Protein kinase N1, a cell inhibitor of Akt kinase, has a central role in quality control of germinal center formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 21022-7	11.5	22
8	Oxysterol-binding protein (OSBP) is required for the perinuclear localization of intra-Golgi v-SNAREs. <i>Molecular Biology of the Cell</i> , 2013 , 24, 3534-44	3.5	16
7	The ULK complex initiates autophagosome formation at phosphatidylinositol synthase-enriched ER subdomains. <i>Autophagy</i> , 2017 , 13, 1795-1796	10.2	14
6	Functional analysis of GS28, an intra-Golgi SNARE, in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2009 , 14, 1003-13	2.3	13

5	Control of vacuole membrane homeostasis by a resident PI-3,5-kinase inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4684-4689	11.5	11
4	Specialized ER membrane domains for lipid metabolism and transport. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158492	5	10
3	Lysophosphatidylcholine promotes SREBP-2 activation via rapid cholesterol efflux and SREBP-2-independent cytokine release in human endothelial cells. <i>Journal of Biochemistry</i> , 2015 , 158, 331-8	3.1	6
2	TORC1 Determines Fab1 Lipid Kinase Function at Signaling Endosomes and Vacuoles. <i>Current Biology</i> , 2021 , 31, 297-309.e8	6.3	4
1	A Real-Time Phosphatidylinositol 4-Phosphate 5-Kinase Assay Using Fluorescence Spectroscopy. <i>Methods in Molecular Biology</i> , 2021 , 2251, 121-132	1.4	1