

Taki Nishimura

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,173
citations

516561

16
h-index

677027

22
g-index

24
all docs

24
docs citations

24
times ranked

5242
citing authors

#	ARTICLE	IF	CITATIONS
1	The HOPS complex mediates autophagosome-lysosome fusion through interaction with syntaxin 17. <i>Molecular Biology of the Cell</i> , 2014, 25, 1327-1337.	0.9	402
2	De novo mutations in the autophagy gene WDR45 cause static encephalopathy of childhood with neurodegeneration in adulthood. <i>Nature Genetics</i> , 2013, 45, 445-449.	9.4	396
3	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.	0.9	339
4	FIP200 regulates targeting of Atg16L1 to the isolation membrane. <i>EMBO Reports</i> , 2013, 14, 284-291.	2.0	159
5	Autophagosome formation is initiated at phosphatidylinositol synthase-enriched ER subdomains. <i>EMBO Journal</i> , 2017, 36, 1719-1735.	3.5	158
6	Emerging roles of ATG proteins and membrane lipids in autophagosome formation. <i>Cell Discovery</i> , 2020, 6, 32.	3.1	149
7	LC3, a microtubule-associated protein1A/B light chain3, is involved in cytoplasmic lipid droplet formation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 274-279.	1.0	102
8	Differential requirement for ATG2A domains for localization to autophagic membranes and lipid droplets. <i>FEBS Letters</i> , 2017, 591, 3819-3830.	1.3	74
9	Oligoasthenozoospermia in mice lacking ORP4, a sterol-binding protein in the OSBP-related protein family. <i>Genes To Cells</i> , 2014, 19, 13-27.	0.5	60
10	Osh Proteins Control Nanoscale Lipid Organization Necessary for PI(4,5)P2 Synthesis. <i>Molecular Cell</i> , 2019, 75, 1043-1057.e8.	4.5	47
11	A critical role of VMP1 in lipoprotein secretion. <i>ELife</i> , 2019, 8, .	2.8	46
12	Inhibition of cholesterol biosynthesis by 25-hydroxycholesterol is independent of OSBP. <i>Genes To Cells</i> , 2005, 10, 793-801.	0.5	43
13	Accumulation of undegraded autophagosomes by expression of dominant-negative STX17 (syntaxin 17) mutants. <i>Autophagy</i> , 2017, 13, 1452-1464.	4.3	36
14	TORC1 Determines Fab1 Lipid Kinase Function at Signaling Endosomes and Vacuoles. <i>Current Biology</i> , 2021, 31, 297-309.e8.	1.8	31
15	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, 21022-21027.	3.3	26
16	Oxysterol-binding protein (OSBP) is required for the perinuclear localization of intra-Golgi v-SNAREs. <i>Molecular Biology of the Cell</i> , 2013, 24, 3534-3544.	0.9	21
17	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.	3.3	19
18	Specialized ER membrane domains for lipid metabolism and transport. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158492.	1.2	17

#	ARTICLE	IF	CITATIONS
19	The ULK complex initiates autophagosome formation at phosphatidylinositol synthase-enriched ER subdomains. <i>Autophagy</i> , 2017, 13, 1795-1796.	4.3	16
20	Functional analysis of GS28, an intra-Golgi SNARE, in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2009, 14, 1003-1013.	0.5	15
21	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, 331-338.	0.9	11
22	A Real-Time Phosphatidylinositol 4-Phosphate 5-Kinase Assay Using Fluorescence Spectroscopy. <i>Methods in Molecular Biology</i> , 2021, 2251, 121-132.	0.4	1