Nicholas T Ktistakis

List of Publications by Year
in descending order

41 papers	8,691 citations	236925 25 h-index	315739 38 g-index
46 all docs	46 docs citations	46 times ranked	15260 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	Autophagosome formation from membrane compartments enriched in phosphatidylinositol 3-phosphate and dynamically connected to the endoplasmic reticulum. Journal of Cell Biology, 2008, 182, 685-701.	5.2	1,588
3	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	7.8	1,230
4	Autophagy requires endoplasmic reticulum targeting of the PI3-kinase complex via Atg14L. Journal of Cell Biology, 2010, 190, 511-521.	5.2	402
5	Digesting the Expanding Mechanisms of Autophagy. Trends in Cell Biology, 2016, 26, 624-635.	7.9	303
6	Autophagy initiation by ULK complex assembly on ER tubulovesicular regions marked by ATG9 vesicles. Nature Communications, 2016, 7, 12420.	12.8	241
7	Structure and flexibility of the endosomal Vps34 complex reveals the basis of its function on membranes. Science, 2015, 350, aac7365.	12.6	208
8	Dynamic association of the ULK1 complex with omegasomes during autophagy induction. Journal of Cell Science, 2013, 126, 5224-38.	2.0	197
9	Modulation of Local PtdIns3P Levels by the PI Phosphatase MTMR3 Regulates Constitutive Autophagy. Traffic, 2010, 11, 468-478.	2.7	167
10	Differential Binding of Traffic-related Proteins to Phosphatidic Acid- or Phosphatidylinositol (4,5)-Bisphosphate-coupled Affinity Reagents. Journal of Biological Chemistry, 2001, 276, 8987-8994.	3.4	123
11	Autophagosome formation in mammalian cells. Seminars in Immunopathology, 2010, 32, 397-413.	6.1	121
12	Selective Autophagy of Mitochondria on a Ubiquitin-Endoplasmic-Reticulum Platform. Developmental Cell, 2019, 50, 627-643.e5.	7.0	101
13	Dynamics of mTORC1 activation in response to amino acids. ELife, 2016, 5, .	6.0	92
14	Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. Cell Metabolism, 2020, 32, 591-604.e7.	16.2	79
15	An mTORC1-to-CDK1 Switch Maintains Autophagy Suppression during Mitosis. Molecular Cell, 2020, 77, 228-240.e7.	9.7	74
16	Rhabdomere biogenesis in Drosophila photoreceptors is acutely sensitive to phosphatidic acid levels. Journal of Cell Biology, 2009, 185, 129-145.	5.2	67
17	Characteristics and requirements of basal autophagy in HEK 293 cells. Autophagy, 2013, 9, 1407-1417.	9.1	67
18	Omegasomes: PI3P platforms that manufacture autophagosomes. Essays in Biochemistry, 2013, 55, 17-27.	4.7	63

#	Article	IF	Citations
19	Making autophagosomes: Localized synthesis of phosphatidylinositol 3-phosphate holds the clue. Autophagy, 2008, 4, 1093-1096.	9.1	47
20	Alpha-synuclein fibrils recruit TBK1 and OPTN to lysosomal damage sites and induce autophagy in microglial cells. Journal of Cell Science, 2018, 131, .	2.0	43
21	Immunolocalisation of phospholipase D1 on tubular vesicular membranes of endocytic and secretory origin. European Journal of Cell Biology, 2001, 80, 508-520.	3.6	38
22	Autophagosome Biogenesis Machinery. Journal of Molecular Biology, 2020, 432, 2449-2461.	4.2	37
23	Mammalian Mitophagosome Formation: A Focus on the Early Signals and Steps. Frontiers in Cell and Developmental Biology, 2020, 8, 171.	3.7	36
24	Phospholipase D activity couples plasma membrane endocytosis with retromer dependent recycling. ELife, 2016, 5, .	6.0	33
25	CDK1, the Other â€˜Master Regulatorâ€™ of Autophagy. Trends in Cell Biology, 2021, 31, 95-107.	7.9	30
26	ER platforms mediating autophagosome generation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158433.	2.4	28
27	In praise of M. Anselmier who first used the term â€œautophagieâ€•in 1859. Autophagy, 2017, 13, 2015-2017.	9.1	24
28	How phosphoinositide 3-phosphate controls growth downstream of amino acids and autophagy downstream of amino acid withdrawal. Biochemical Society Transactions, 2012, 40, 37-43.	3.4	22
29	ATG13 dynamics in nonselective autophagy and mitophagy: insights from live imaging studies and mathematical modeling. Autophagy, 2021, 17, 1131-1141.	9.1	22
30	Dynamics of autophagosome formation: a pulse and a sequence of waves. Biochemical Society Transactions, 2014, 42, 1389-1395.	3.4	16
31	Live-cell imaging for the assessment of the dynamics of autophagosome formation: Focus on early steps. Methods, 2015, 75, 54-60.	3.8	16
32	Ultrastructural insights into pathogen clearance by autophagy. Traffic, 2020, 21, 310-323.	2.7	12
33	Who plays the ferryman: ATG2 channels lipids into the forming autophagosome. Journal of Cell Biology, 2019, 218, 1767-1768.	5.2	6
34	Inhibition of the SEC61 translocon by mycolactone induces a protective autophagic response controlled by EIF2S1-dependent translation that does not require ULK1 activity. Autophagy, 2021, , 1-19.	9.1	6
35	The dynamics of mitochondrial autophagy at the initiation stage. Biochemical Society Transactions, 2021, 49, 2199-2210.	3.4	6
36	Imaging Autophagy. Current Protocols in Cytometry, 2014, 69, 12.34.1-12.34.16.	3.7	4

#	Article	IF	Citations
37	Autophagy, Inflammation, and Metabolism (AIM) Center of Biomedical Research Excellence: supporting the next generation of autophagy researchers and fostering international collaborations. Autophagy, 2018, 14, 925-929.	9.1	3
38	Autophagy on the road to longevity and aging. , 2022, , 347-360.		2
39	Signalling in Autophagy. , 2016, , 17-33.		0
40	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. Autophagy, 2019, 15, 1829-1833.	9.1	0
41	Monitoring selective autophagy of mitochondria using super-resolution microscopy. Methods in Cell Biology, 2021, 165, 153-161.	1.1	0