Tor-Erik Rusten

List of Publications by Year
in descending order

48	12,646	136950 32	197818 49
papers	citations	h-index	g-index

53	53	53	24577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Protein sorting into multivesicular endosomes. Current Opinion in Cell Biology, 2003, 15, 446-455.	5.4	456
4	Programmed Autophagy in the Drosophila Fat Body Is Induced by Ecdysone through Regulation of the PI3K Pathway. Developmental Cell, 2004, 7, 179-192.	7.0	434
5	Microenvironmental autophagy promotes tumour growth. Nature, 2017, 541, 417-420.	27.8	379
6	Ref(2)P, the Drosophila melanogaster homologue of mammalian p62, is required for the formation of protein aggregates in adult brain. Journal of Cell Biology, 2008, 180, 1065-1071.	5.2	369
7	ESCRTs and Fab1 Regulate Distinct Steps of Autophagy. Current Biology, 2007, 17, 1817-1825.	3.9	292
8	Autophagic degradation of dBruce controls DNA fragmentation in nurse cells during late Drosophila melanogaster oogenesis. Journal of Cell Biology, 2010, 190, 523-531.	5.2	224
9	p62, an autophagy hero or culprit?. Nature Cell Biology, 2010, 12, 207-209.	10.3	202
10	PtdIns(3)P controls cytokinesis through KIF13A-mediated recruitment of FYVE-CENT to the midbody. Nature Cell Biology, 2010, 12, 362-371.	10.3	195
11	NAD+ augmentation restores mitophagy and limits accelerated aging in Werner syndrome. Nature Communications, 2019, 10, 5284.	12.8	165
12	Membrane remodeling by the PX-BAR protein SNX18 promotes autophagosome formation. Journal of Cell Biology, 2013, 202, 331-349.	5.2	154
13	How do ESCRT proteins control autophagy?. Journal of Cell Science, 2009, 122, 2179-2183.	2.0	146
14	Comparative analysis of ESCRT-I, ESCRT-II and ESCRT-III function inDrosophilaby efficient isolation of ESCRT mutants. Journal of Cell Science, 2009, 122, 2413-2423.	2.0	136
15	Cell death duringDrosophila melanogasterearly oogenesis is mediated through autophagy. Autophagy, 2009, 5, 298-302.	9.1	124
16	Mechanism of Stx17 recruitment to autophagosomes via IRGM and mammalian Atg8 proteins. Journal of Cell Biology, 2018, 217, 997-1013.	5.2	115
17	Fab1 Phosphatidylinositol 3-Phosphate 5-Kinase Controls Trafficking but Not Silencing of Endocytosed Receptors. Molecular Biology of the Cell, 2006, 17, 3989-4001.	2.1	112
18	Shaping development with ESCRTs. Nature Cell Biology, 2012, 14, 38-45.	10.3	111

#	Article	IF	Citations
19	Analyzing phosphoinositides and their interacting proteins. Nature Methods, 2006, 3, 251-258.	19.0	108
20	Phosphorylation of Syntaxin 17 by TBK1 Controls Autophagy Initiation. Developmental Cell, 2019, 49, 130-144.e6.	7.0	99
21	ESCRT functions in autophagy and associated disease. Cell Cycle, 2008, 7, 1166-1172.	2.6	94
22	Genetic Modifiers of the Drosophila Blue Cheese Gene Link Defects in Lysosomal Transport With Decreased Life Span and Altered Ubiquitinated-Protein Profiles. Genetics, 2007, 176, 1283-1297.	2.9	78
23	A dual function for Deep orange in programmed autophagy in the Drosophila melanogaster fat body. Experimental Cell Research, 2006, 312, 2018-2027.	2.6	73
24	Multiple functions of the SNARE protein Snap29 in autophagy, endocytic, and exocytic trafficking during epithelial formation inDrosophila. Autophagy, 2014, 10, 2251-2268.	9.1	72
25	Production of phosphatidylinositol 5â€phosphate via PIKfyve and MTMR3 regulates cell migration. EMBO Reports, 2013, 14, 57-64.	4.5	64
26	p62/Sequestosome-1, Autophagy-related Gene 8, and Autophagy in Drosophila Are Regulated by Nuclear Factor Erythroid 2-related Factor 2 (NRF2), Independent of Transcription Factor TFEB. Journal of Biological Chemistry, 2015, 290, 14945-14962.	3.4	61
27	The PI 3-kinase regulator Vps15 is required for autophagic clearance of protein aggregates. Autophagy, 2008, 4, 500-506.	9.1	58
28	Mammalian Atg8 proteins and the autophagy factor IRGM control mTOR and TFEB at a regulatory node critical for responses to pathogens. Nature Cell Biology, 2020, 22, 973-985.	10.3	55
29	Mammalian hybrid pre-autophagosomal structure HyPAS generates autophagosomes. Cell, 2021, 184, 5950-5969.e22.	28.9	54
30	Disruption of Vps4 and JNK Function in Drosophila Causes Tumour Growth. PLoS ONE, 2009, 4, e4354.	2.5	50
31	Autoimmunity gene <scp>IRGM</scp> suppresses <scp>cGAS</scp> â€•<scp>STING</scp> and <scp>RIG</scp> â€łâ€•<scp>MAVS</scp> signaling to control interferon response. EMBO Reports, 2020, 21, e50051.	4.5	48
32	Origin and Evolution of Self-Consumption: Autophagy. Advances in Experimental Medicine and Biology, 2007, 607, 111-118.	1.6	36
33	Moonlighting at the pole. Nature, 2007, 445, 497-499.	27.8	36
34	ESCRTing autophagic clearance of aggregating proteins. Autophagy, 2008, 4, 233-236.	9.1	34
35	Cell Competition Triggers Suicide by Autophagy. Developmental Cell, 2019, 51, 4-5.	7.0	30
36	Class III phosphatidylinositol-3-OH kinase controls epithelial integrity through endosomal LKB1 regulation. Nature Cell Biology, 2017, 19, 1412-1423.	10.3	28

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37	Host autophagy mediates organ wasting and nutrient mobilization for tumor growth. EMBO Journal, 2021, 40, e107336.	7.8	25
38	Two-Tiered Control of Epithelial Growth and Autophagy by the Insulin Receptor and the Ret-Like Receptor, Stitcher. PLoS Biology, 2013, 11, e1001612.	5.6	22
39	Microenvironment and tumorsâ€"a nurturing relationship. Autophagy, 2017, 13, 1241-1243.	9.1	18
40	RNA-Binding RING E3-Ligase DZIP3/hRUL138 Stabilizes Cyclin D1 to Drive Cell-Cycle and Cancer Progression. Cancer Research, 2021, 81, 315-331.	0.9	14
41	Mammalian Atg8-family proteins are upstream regulators of the lysosomalsystem by controlling MTOR and TFEB. Autophagy, 2020, 16, 2305-2306.	9.1	11
42	RasV12; scribâ¯/â¯ Tumors: A Cooperative Oncogenesis Model Fueled by Tumor/Host Interactions. International Journal of Molecular Sciences, 2021, 22, 8873.	4.1	10
43	Genetic Screen in Drosophila Larvae Links ird1 Function to Toll Signaling in the Fat Body and Hemocyte Motility. PLoS ONE, 2016, 11, e0159473.	2.5	9
44	Autophagy and Tumorigenesis in Drosophila. Advances in Experimental Medicine and Biology, 2019, 1167, 113-127.	1.6	6
45	Natural abundance isotope ratios to differentiate sources of carbon used during tumor growth in vivo. BMC Biology, 2021, 19, 85.	3.8	6
46	Characterization and tissue expression of acidic fibroblast growth factor binding protein homologue in Drosophila melanogaster. Gene, 2003, 310, 185-191.	2.2	4
47	Computed tomography with segmentation and quantification of individual organs in a D. melanogaster tumor model. Scientific Reports, 2022, 12, 2056.	3.3	1
48	Autophagy power expands: fuse those cells!. EMBO Journal, 2022, , e111424.	7.8	1