

Trond Lamark

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55
papers

22,434
citations

42
h-index

58
g-index

58
ext. papers

25,471
ext. citations

8.7
avg, IF

6.71
L-index

#	Paper	IF	Citations
55	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
54	p62/SQSTM1 binds directly to Atg8/LC3 to facilitate degradation of ubiquitinated protein aggregates by autophagy. <i>Journal of Biological Chemistry</i> , 2007 , 282, 24131-45	5.4	3069
53	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	10.2	2783
52	p62/SQSTM1 forms protein aggregates degraded by autophagy and has a protective effect on huntingtin-induced cell death. <i>Journal of Cell Biology</i> , 2005 , 171, 603-14	7.3	2443
51	Selective autophagy mediated by autophagic adapter proteins. <i>Autophagy</i> , 2011 , 7, 279-96	10.2	1269
50	p62/SQSTM1 is a target gene for transcription factor NRF2 and creates a positive feedback loop by inducing antioxidant response element-driven gene transcription. <i>Journal of Biological Chemistry</i> , 2010 , 285, 22576-91	5.4	928
49	A role for NBR1 in autophagosomal degradation of ubiquitinated substrates. <i>Molecular Cell</i> , 2009 , 33, 505-16	17.6	821
48	Monitoring autophagic degradation of p62/SQSTM1. <i>Methods in Enzymology</i> , 2009 , 452, 181-97	1.7	749
47	The LIR motif - crucial for selective autophagy. <i>Journal of Cell Science</i> , 2013 , 126, 3237-47	5.3	530
46	FYCO1 is a Rab7 effector that binds to LC3 and PI3P to mediate microtubule plus end-directed vesicle transport. <i>Journal of Cell Biology</i> , 2010 , 188, 253-69	7.3	432
45	The adaptor protein p62/SQSTM1 targets invading bacteria to the autophagy pathway. <i>Journal of Immunology</i> , 2009 , 183, 5909-16	5.3	430
44	Autophagy mediates degradation of nuclear lamina. <i>Nature</i> , 2015 , 527, 105-9	50.4	365
43	NBR1 and p62 as cargo receptors for selective autophagy of ubiquitinated targets. <i>Cell Cycle</i> , 2009 , 8, 1986-90	4.7	338
42	The selective macroautophagic degradation of aggregated proteins requires the PI3P-binding protein Alfy. <i>Molecular Cell</i> , 2010 , 38, 265-79	17.6	326
41	Aggrephagy: selective disposal of protein aggregates by macroautophagy. <i>International Journal of Cell Biology</i> , 2012 , 2012, 736905	2.6	278
40	Interaction codes within the family of mammalian Phox and Bem1p domain-containing proteins. <i>Journal of Biological Chemistry</i> , 2003 , 278, 34568-81	5.4	278
39	Regulation of selective autophagy: the p62/SQSTM1 paradigm. <i>Essays in Biochemistry</i> , 2017 , 61, 609-6247.6	7.6	263

38	p62/SQSTM1: a missing link between protein aggregates and the autophagy machinery. <i>Autophagy</i> , 2006 , 2, 138-9	10.2	249
37	NBR1 acts as an autophagy receptor for peroxisomes. <i>Journal of Cell Science</i> , 2013 , 126, 939-52	5.3	233
36	Selective Autophagy: ATG8 Family Proteins, LIR Motifs and Cargo Receptors. <i>Journal of Molecular Biology</i> , 2020 , 432, 80-103	6.5	226
35	p62/SQSTM1 and ALFY interact to facilitate the formation of p62 bodies/ALIS and their degradation by autophagy. <i>Autophagy</i> , 2010 , 6, 330-44	10.2	224
34	Plant NBR1 is a selective autophagy substrate and a functional hybrid of the mammalian autophagic adapters NBR1 and p62/SQSTM1. <i>Autophagy</i> , 2011 , 7, 993-1010	10.2	220
33	ATG8 family proteins act as scaffolds for assembly of the ULK complex: sequence requirements for LC3-interacting region (LIR) motifs. <i>Journal of Biological Chemistry</i> , 2012 , 287, 39275-90	5.4	213
32	FKBP8 recruits LC3A to mediate Parkin-independent mitophagy. <i>EMBO Reports</i> , 2017 , 18, 947-961	6.5	198
31	Autophagic degradation of dBruce controls DNA fragmentation in nurse cells during late <i>Drosophila melanogaster</i> oogenesis. <i>Journal of Cell Biology</i> , 2010 , 190, 523-31	7.3	180
30	Nucleocytoplasmic shuttling of p62/SQSTM1 and its role in recruitment of nuclear polyubiquitinated proteins to promyelocytic leukemia bodies. <i>Journal of Biological Chemistry</i> , 2010 , 285, 5941-53	5.4	160
29	NBR1 cooperates with p62 in selective autophagy of ubiquitinated targets. <i>Autophagy</i> , 2009 , 5, 732-3	10.2	138
28	The selective autophagy receptor p62 forms a flexible filamentous helical scaffold. <i>Cell Reports</i> , 2015 , 11, 748-58	10.6	136
27	A reporter cell system to monitor autophagy based on p62/SQSTM1. <i>Autophagy</i> , 2010 , 6, 784-93	10.2	113
26	Autophagy: links with the proteasome. <i>Current Opinion in Cell Biology</i> , 2010 , 22, 192-8	9	107
25	Cell death during <i>Drosophila melanogaster</i> early oogenesis is mediated through autophagy. <i>Autophagy</i> , 2009 , 5, 298-302	10.2	97
24	Aurothiomalate inhibits transformed growth by targeting the PB1 domain of protein kinase Ciota. <i>Journal of Biological Chemistry</i> , 2006 , 281, 28450-9	5.4	84
23	FYCO1 Contains a C-terminally Extended, LC3A/B-preferring LC3-interacting Region (LIR) Motif Required for Efficient Maturation of Autophagosomes during Basal Autophagy. <i>Journal of Biological Chemistry</i> , 2015 , 290, 29361-74	5.4	83
22	NIPSNAP1 and NIPSNAP2 Act as "Eat Me" Signals for Mitophagy. <i>Developmental Cell</i> , 2019 , 49, 509-525. e122	6.7	67
21	Production of the <i>Escherichia coli</i> betaine-aldehyde dehydrogenase, an enzyme required for the synthesis of the osmoprotectant glycine betaine, in transgenic plants. <i>Plant Journal</i> , 1994 , 6, 749-58	6.9	67

20	ATG4B contains a C-terminal LIR motif important for binding and efficient cleavage of mammalian orthologs of yeast Atg8. <i>Autophagy</i> , 2017 , 13, 834-853	10.2	62
19	Members of the autophagy class III phosphatidylinositol 3-kinase complex I interact with GABARAP and GABARAPL1 via LIR motifs. <i>Autophagy</i> , 2019 , 15, 1333-1355	10.2	47
18	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. <i>Journal of Biological Chemistry</i> , 2015 , 290, 14945-62	5.4	47
17	Dynamic subcellular localization of the mono-ADP-ribosyltransferase ARTD10 and interaction with the ubiquitin receptor p62. <i>Cell Communication and Signaling</i> , 2012 , 10, 28	7.5	46
16	DOR/Tp53inp2 and Tp53inp1 constitute a metazoan gene family encoding dual regulators of autophagy and transcription. <i>PLoS ONE</i> , 2012 , 7, e34034	3.7	43
15	CALCOCO1 acts with VAMP-associated proteins to mediate ER-phagy. <i>EMBO Journal</i> , 2020 , 39, e103649	13	43
14	Efflux of choline and glycine betaine from osmoregulating cells of Escherichia coli. <i>FEMS Microbiology Letters</i> , 1992 , 75, 149-54	2.9	43
13	Structural basis of p62/SQSTM1 helical filaments and their role in cellular cargo uptake. <i>Nature Communications</i> , 2020 , 11, 440	17.4	33
12	Expression of active human C1 inhibitor serpin domain in Escherichia coli. <i>Protein Expression and Purification</i> , 2001 , 22, 349-58	2	28
11	Mechanisms of Selective Autophagy. <i>Annual Review of Cell and Developmental Biology</i> , 2021 , 37, 143-169	2.6	20
10	NIPSNAP1 and NIPSNAP2 act as "eat me" signals to allow sustained recruitment of autophagy receptors during mitophagy. <i>Autophagy</i> , 2019 , 15, 1845-1847	10.2	18
9	The FMRpolyGlycine Protein Mediates Aggregate Formation and Toxicity Independent of the CGG mRNA Hairpin in a Cellular Model for FXTAS. <i>Frontiers in Genetics</i> , 2019 , 10, 249	4.5	12
8	NIMA-related kinase 9-mediated phosphorylation of the microtubule-associated LC3B protein at Thr-50 suppresses selective autophagy of p62/sequestosome 1. <i>Journal of Biological Chemistry</i> , 2020 , 295, 1240-1260	5.4	12
7	TRIM32, but not its muscular dystrophy-associated mutant, positively regulates and is targeted to autophagic degradation by p62/SQSTM1. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	9
6	NIMA-related kinase 9-mediated phosphorylation of the microtubule-associated LC3B protein at Thr-50 suppresses selective autophagy of p62/sequestosome 1. <i>Journal of Biological Chemistry</i> , 2020 , 295, 1240-1260	5.4	9
5	SAMM50 acts with p62 in piecemeal basal- and OXPHOS-induced mitophagy of SAM and MICOS components. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	7
4	Regulation of Golgi turnover by CALCOCO1-mediated selective autophagy. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	6
3	CALCOCO1 is a soluble reticulophagy receptor. <i>Autophagy</i> , 2020 , 16, 1729-1731	10.2	4

2 The soluble reticulophagy receptor CALCOCO1 is also a Golgiphagy receptor. *Autophagy*, **2021**, 17, 2051-2052 [o](#)

1 SAMM50 is a receptor for basal piecemeal mitophagy and acts with SQSTM1/p62 in OXPHOS-induced mitophagy. *Autophagy*, **2021**, 17, 2656-2658 [10.2](#) [o](#)