Trond Lamark

List of Publications by Year in Descending Order

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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.

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	Regulation of Golgi turnover by CALCOCO1-mediated selective autophagy. *Journal of Cell Biology*, **2021**, 220,	7.3	6
54	SAMM50 acts with p62 in piecemeal basal- and OXPHOS-induced mitophagy of SAM and MICOS components. *Journal of Cell Biology*, **2021**, 220,	7.3	7
53	The soluble reticulophagy receptor CALCOCO1 is also a Golgiphagy receptor. *Autophagy*, **2021**, 17, 2051-2052	10.2	0
52	Mechanisms of Selective Autophagy. *Annual Review of Cell and Developmental Biology*, **2021**, 37, 143-169	12.6	20
51	SAMM50 is a receptor for basal piecemeal mitophagy and acts with SQSTM1/p62 in OXPHOS-induced mitophagy. *Autophagy*, **2021**, 17, 2656-2658	10.2	0
50	Structural basis of p62/SQSTM1 helical filaments and their role in cellular cargo uptake. *Nature Communications*, **2020**, 11, 440	17.4	33
49	CALCOCO1 acts with VAMP-associated proteins to mediate ER-phagy. *EMBO Journal*, **2020**, 39, e103649	13	43
48	NIMA-related kinase 9-mediated phosphorylation of the microtubule-associated LC3B protein at Thr-50 suppresses selective autophagy of p62/sequestosome 1. *Journal of Biological Chemistry*, **2020**, 295, 1240-1260	5.4	9
47	NIMA-related kinase 9-mediated phosphorylation of the microtubule-associated LC3B protein at Thr-50 suppresses selective autophagy of p62/sequestosome 1. *Journal of Biological Chemistry*, **2020**, 295, 1240-1260	5.4	12
46	CALCOCO1 is a soluble reticulophagy receptor. *Autophagy*, **2020**, 16, 1729-1731	10.2	4
45	Selective Autophagy: ATG8 Family Proteins, LIR Motifs and Cargo Receptors. *Journal of Molecular Biology*, **2020**, 432, 80-103	6.5	226
44	The FMRpolyGlycine Protein Mediates Aggregate Formation and Toxicity Independent of the CGG mRNA Hairpin in a Cellular Model for FXTAS. *Frontiers in Genetics*, **2019**, 10, 249	4.5	12
43	NIPSNAP1 and NIPSNAP2 Act as "Eat Me" Signals for Mitophagy. *Developmental Cell*, **2019**, 49, 509-525.e12	10.2	67
42	Members of the autophagy class III phosphatidylinositol 3-kinase complex I interact with GABARAP and GABARAPL1 via LIR motifs. *Autophagy*, **2019**, 15, 1333-1355	10.2	47
41	NIPSNAP1 and NIPSNAP2 act as "eat me" signals to allow sustained recruitment of autophagy receptors during mitophagy. *Autophagy*, **2019**, 15, 1845-1847	10.2	18
40	TRIM32, but not its muscular dystrophy-associated mutant, positively regulates and is targeted to autophagic degradation by p62/SQSTM1. *Journal of Cell Science*, **2019**, 132,	5.3	9
39	ATG4B contains a C-terminal LIR motif important for binding and efficient cleavage of mammalian orthologs of yeast Atg8. *Autophagy*, **2017**, 13, 834-853	10.2	62

38	FKBP8 recruits LC3A to mediate Parkin-independent mitophagy. *EMBO Reports*, **2017**, 18, 947-961	6.5	198
37	Regulation of selective autophagy: the p62/SQSTM1 paradigm. *Essays in Biochemistry*, **2017**, 61, 609-624	7.6	263
36	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
35	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, 14945-62	5.4	47
34	The selective autophagy receptor p62 forms a flexible filamentous helical scaffold. *Cell Reports*, **2015**, 11, 748-58	10.6	136
33	Autophagy mediates degradation of nuclear lamina. *Nature*, **2015**, 527, 105-9	50.4	365
32	FYCO1 Contains a C-terminally Extended, LC3A/B-preferring LC3-interacting Region (LIR) Motif Required for Efficient Maturation of Autophagosomes during Basal Autophagy. *Journal of Biological Chemistry*, **2015**, 290, 29361-74	5.4	83
31	The LIR motif - crucial for selective autophagy. *Journal of Cell Science*, **2013**, 126, 3237-47	5.3	530
30	NBR1 acts as an autophagy receptor for peroxisomes. *Journal of Cell Science*, **2013**, 126, 939-52	5.3	233
29	ATG8 family proteins act as scaffolds for assembly of the ULK complex: sequence requirements for LC3-interacting region (LIR) motifs. *Journal of Biological Chemistry*, **2012**, 287, 39275-90	5.4	213
28	Dynamic subcellular localization of the mono-ADP-ribosyltransferase ARTD10 and interaction with the ubiquitin receptor p62. *Cell Communication and Signaling*, **2012**, 10, 28	7.5	46
27	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
26	Aggrephagy: selective disposal of protein aggregates by macroautophagy. *International Journal of Cell Biology*, **2012**, 2012, 736905	2.6	278
25	DOR/Tp53inp2 and Tp53inp1 constitute a metazoan gene family encoding dual regulators of autophagy and transcription. *PLoS ONE*, **2012**, 7, e34034	3.7	43
24	Plant NBR1 is a selective autophagy substrate and a functional hybrid of the mammalian autophagic adapters NBR1 and p62/SQSTM1. *Autophagy*, **2011**, 7, 993-1010	10.2	220
23	Selective autophagy mediated by autophagic adapter proteins. *Autophagy*, **2011**, 7, 279-96	10.2	1269
22	FYCO1 is a Rab7 effector that binds to LC3 and PI3P to mediate microtubule plus end-directed vesicle transport. *Journal of Cell Biology*, **2010**, 188, 253-69	7.3	432
21	p62/SQSTM1 and ALFY interact to facilitate the formation of p62 bodies/ALIS and their degradation by autophagy. *Autophagy*, **2010**, 6, 330-44	10.2	224

20	Autophagic degradation of dBruce controls DNA fragmentation in nurse cells during late Drosophila melanogaster oogenesis. *Journal of Cell Biology*, **2010**, 190, 523-31	7.3	180
19	Nucleocytoplasmic shuttling of p62/SQSTM1 and its role in recruitment of nuclear polyubiquitinated proteins to promyelocytic leukemia bodies. *Journal of Biological Chemistry*, **2010**, 285, 5941-53	5.4	160
18	p62/SQSTM1 is a target gene for transcription factor NRF2 and creates a positive feedback loop by inducing antioxidant response element-driven gene transcription. *Journal of Biological Chemistry*, **2010**, 285, 22576-91	5.4	928
17	A reporter cell system to monitor autophagy based on p62/SQSTM1. *Autophagy*, **2010**, 6, 784-93	10.2	113
16	The selective macroautophagic degradation of aggregated proteins requires the PI3P-binding protein Alfy. *Molecular Cell*, **2010**, 38, 265-79	17.6	326
15	Autophagy: links with the proteasome. *Current Opinion in Cell Biology*, **2010**, 22, 192-8	9	107
14	Cell death during Drosophila melanogaster early oogenesis is mediated through autophagy. *Autophagy*, **2009**, 5, 298-302	10.2	97
13	NBR1 and p62 as cargo receptors for selective autophagy of ubiquitinated targets. *Cell Cycle*, **2009**, 8, 1986-90	4.7	338
12	The adaptor protein p62/SQSTM1 targets invading bacteria to the autophagy pathway. *Journal of Immunology*, **2009**, 183, 5909-16	5.3	430
11	A role for NBR1 in autophagosomal degradation of ubiquitinated substrates. *Molecular Cell*, **2009**, 33, 505-16	17.6	821
10	Monitoring autophagic degradation of p62/SQSTM1. *Methods in Enzymology*, **2009**, 452, 181-97	1.7	749
9	NBR1 cooperates with p62 in selective autophagy of ubiquitinated targets. *Autophagy*, **2009**, 5, 732-3	10.2	138
8	p62/SQSTM1 binds directly to Atg8/LC3 to facilitate degradation of ubiquitinated protein aggregates by autophagy. *Journal of Biological Chemistry*, **2007**, 282, 24131-45	5.4	3069
7	p62/SQSTM1: a missing link between protein aggregates and the autophagy machinery. *Autophagy*, **2006**, 2, 138-9	10.2	249
6	Aurothiomalate inhibits transformed growth by targeting the PB1 domain of protein kinase Ciota. *Journal of Biological Chemistry*, **2006**, 281, 28450-9	5.4	84
5	p62/SQSTM1 forms protein aggregates degraded by autophagy and has a protective effect on huntingtin-induced cell death. *Journal of Cell Biology*, **2005**, 171, 603-14	7.3	2443
4	Interaction codes within the family of mammalian Phox and Bem1p domain-containing proteins. *Journal of Biological Chemistry*, **2003**, 278, 34568-81	5.4	278
3	Expression of active human C1 inhibitor serpin domain in Escherichia coli. *Protein Expression and Purification*, **2001**, 22, 349-58	2	28

2	Production of the Escherichia coli betaine-aldehyde dehydrogenase, an enzyme required for the synthesis of the osmoprotectant glycine betaine, in transgenic plants. *Plant Journal*, **1994**, 6, 749-58	6.9	67
1	Efflux of choline and glycine betaine from osmoregulating cells of Escherichia coli. *FEMS Microbiology Letters*, **1992**, 75, 149-54	2.9	43