Trond Lamark

List of Publications by Year
in descending order

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56 papers	27,870 citations	57719 44 h-index	149623 56 g-index
58 all docs	58 docs citations	58 times ranked	33910 citing authors

#	Article	IF	Citations
1	Regulation of Golgi turnover by CALCOCO1-mediated selective autophagy. Journal of Cell Biology, 2021, 220, .	2.3	35
2	SAMM50 acts with p62 in piecemeal basal- and OXPHOS-induced mitophagy of SAM and MICOS components. Journal of Cell Biology, 2021, 220, .	2.3	39
3	The soluble reticulophagy receptor CALCOCO1 is also a Golgiphagy receptor. Autophagy, 2021, 17, 2051-2052.	4.3	8
4	Mechanisms of Selective Autophagy. Annual Review of Cell and Developmental Biology, 2021, 37, 143-169.	4.0	137
5	SAMM50 is a receptor for basal piecemeal mitophagy and acts with SQSTM1/p62 in OXPHOS-induced mitophagy. Autophagy, 2021, 17, 2656-2658.	4.3	3
6	Selective Autophagy: ATG8 Family Proteins, LIR Motifs and Cargo Receptors. Journal of Molecular Biology, 2020, 432, 80-103.	2.0	446
7	NIMA-related kinase 9â€“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.	1.6	19
8	CALCOCO1 is a soluble reticulophagy receptor. Autophagy, 2020, 16, 1729-1731.	4.3	9
9	Structural basis of p62/SQSTM1 helical filaments and their role in cellular cargo uptake. Nature Communications, 2020, 11, 440.	5.8	71
10	NIMA-related kinase 9â€“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.	1.6	14
11	<scp>CALCOCO</scp> 1 acts with <scp>VAMP</scp> â€associated proteins to mediate <scp>ER</scp> â€phagy. EMBO Journal, 2020, 39, e103649.	3.5	86
12	NIPSNAP1 and NIPSNAP2 act as â€œeat meâ€•signals to allow sustained recruitment of autophagy receptors during mitophagy. Autophagy, 2019, 15, 1845-1847.	4.3	35
13	TRIM32 acts both as a substrate and a positive regulator of p62/SQSTM1 impaired in a muscular dystrophy disease. Journal of Cell Science, 2019, 132, .	1.2	14
14	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.	1.1	18
15	NIPSNAP1 and NIPSNAP2 Act as â€œEat Meâ€•Signals for Mitophagy. Developmental Cell, 2019, 49, 509-525.e12.	3.1	104
16	Members of the autophagy class III phosphatidylinositol 3-kinase complex I interact with GABARAP and GABARAPL1 via LIR motifs. Autophagy, 2019, 15, 1333-1355.	4.3	86
17	ATG4B contains a C-terminal LIR motif important for binding and efficient cleavage of mammalian orthologs of yeast Atg8. Autophagy, 2017, 13, 834-853.	4.3	84
18	FKBP8 recruits LC3A to mediate Parkinâ€•independent mitophagy. EMBO Reports, 2017, 18, 947-961.	2.0	295

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19	Regulation of selective autophagy: the p62/SQSTM1 paradigm. Essays in Biochemistry, 2017, 61, 609-624.	2.1	490
20	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
21	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.	1.6	61
22	The Selective Autophagy Receptor p62 Forms a Flexible Filamentous Helical Scaffold. Cell Reports, 2015, 11, 748-758.	2.9	190
23	Autophagy mediates degradation of nuclear lamina. Nature, 2015, 527, 105-109.	13.7	510
24	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, 29361-29374.	1.6	106
25	Selective autophagy goes exclusive. Nature Cell Biology, 2014, 16, 395-397.	4.6	11
26	NBR1 acts as an autophagy receptor for peroxisomes. Journal of Cell Science, 2013, 126, 939-52.	1.2	274
27	The LIR motif â€“ crucial for selective autophagy. Journal of Cell Science, 2013, 126, 3237-3247.	1.2	718
28	Aggrephagy: Selective Disposal of Protein Aggregates by Macroautophagy. International Journal of Cell Biology, 2012, 2012, 1-21.	1.0	363
29	ATG8 Family Proteins Act as Scaffolds for Assembly of the ULK Complex. Journal of Biological Chemistry, 2012, 287, 39275-39290.	1.6	257
30	Dynamic subcellular localization of the mono-ADP-ribosyltransferase ARTD10 and interaction with the ubiquitin receptor p62. Cell Communication and Signaling, 2012, 10, 28.	2.7	50
31	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
32	DOR/Tp53inp2 and Tp53inp1 Constitute a Metazoan Gene Family Encoding Dual Regulators of Autophagy and Transcription. PLoS ONE, 2012, 7, e34034.	1.1	51
33	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.	4.3	283
34	Selective autophagy mediated by autophagic adapter proteins. Autophagy, 2011, 7, 279-296.	4.3	1,512
35	Autophagy: links with the proteasome. Current Opinion in Cell Biology, 2010, 22, 192-198.	2.6	113
36	FYCO1 is a Rab7 effector that binds to LC3 and PI3P to mediate microtubule plus endâ€“directed vesicle transport. Journal of Cell Biology, 2010, 188, 253-269.	2.3	573

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37	p62/SQSTM1 and ALFY interact to facilitate the formation of p62 bodies/ALIS and their degradation by autophagy. Autophagy, 2010, 6, 330-344.	4.3	296
38	Autophagic degradation of dBruce controls DNA fragmentation in nurse cells during late Drosophila melanogaster oogenesis. Journal of Cell Biology, 2010, 190, 523-531.	2.3	224
39	Nucleocytoplasmic Shuttling of p62/SQSTM1 and Its Role in Recruitment of Nuclear Polyubiquitinated Proteins to Promyelocytic Leukemia Bodies. Journal of Biological Chemistry, 2010, 285, 5941-5953.	1.6	200
40	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, 22576-22591.	1.6	1,158
41	A reporter cell system to monitor autophagy based on p62/SQSTM1. Autophagy, 2010, 6, 784-793.	4.3	138
42	The Selective Macroautophagic Degradation of Aggregated Proteins Requires the PI3P-Binding Protein Alfy. Molecular Cell, 2010, 38, 265-279.	4.5	390
43	Cell death duringDrosophila melanogasterearly oogenesis is mediated through autophagy. Autophagy, 2009, 5, 298-302.	4.3	124
44	NBR1 and p62 as cargo receptors for selective autophagy of ubiquitinated targets. Cell Cycle, 2009, 8, 1986-1990.	1.3	399
45	The Adaptor Protein p62/SQSTM1 Targets Invading Bacteria to the Autophagy Pathway. Journal of Immunology, 2009, 183, 5909-5916.	0.4	501
46	A Role for NBR1 in Autophagosomal Degradation of Ubiquitinated Substrates. Molecular Cell, 2009, 33, 505-516.	4.5	974
47	Chapter 12 Monitoring Autophagic Degradation of p62/SQSTM1. Methods in Enzymology, 2009, 452, 181-197.	0.4	936
48	NBR1 co-operates with p62 in selective autophagy of ubiquitinated targets. Autophagy, 2009, 5, 732-733.	4.3	163
49	p62/SQSTM1 Binds Directly to Atg8/LC3 to Facilitate Degradation of Ubiquitinated Protein Aggregates by Autophagy. Journal of Biological Chemistry, 2007, 282, 24131-24145.	1.6	3,766
50	p62/SQSTM1: A Missing Link between Protein Aggregates and the Autophagy Machinery. Autophagy, 2006, 2, 138-139.	4.3	274
51	Aurothiomalate Inhibits Transformed Growth by Targeting the PB1 Domain of Protein Kinase CÎ¹. Journal of Biological Chemistry, 2006, 281, 28450-28459.	1.6	92
52	p62/SQSTM1 forms protein aggregates degraded by autophagy and has a protective effect on huntingtin-induced cell death. Journal of Cell Biology, 2005, 171, 603-614.	2.3	2,854
53	Interaction Codes within the Family of Mammalian Phox and Bem1p Domain-containing Proteins. Journal of Biological Chemistry, 2003, 278, 34568-34581.	1.6	332
54	Expression of Active Human C1 Inhibitor Serpin Domain in Escherichia coli. Protein Expression and Purification, 2001, 22, 349-358.	0.6	33

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55	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, 749-758.	2.8	75
56	Efflux of choline and glycine betaine from osmoregulating cells of Escherichia coli. FEMS Microbiology Letters, 1992, 96, 149-154.	0.7	53