

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	p62/SQSTM1 Binds Directly to Atg8/LC3 to Facilitate Degradation of Ubiquitinated Protein Aggregates by Autophagy. <i>Journal of Biological Chemistry</i> , 2007, 282, 24131-24145.	1.6	3,766
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
4	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, 603-614.	2.3	2,854
5	Selective autophagy mediated by autophagic adapter proteins. <i>Autophagy</i> , 2011, 7, 279-296.	4.3	1,512
6	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, 22576-22591.	1.6	1,158
7	A Role for NBR1 in Autophagosomal Degradation of Ubiquitinated Substrates. <i>Molecular Cell</i> , 2009, 33, 505-516.	4.5	974
8	Chapter 12 Monitoring Autophagic Degradation of p62/SQSTM1. <i>Methods in Enzymology</i> , 2009, 452, 181-197.	0.4	936
9	The LIR motif is crucial for selective autophagy. <i>Journal of Cell Science</i> , 2013, 126, 3237-3247.	1.2	718
10	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, 253-269.	2.3	573
11	Autophagy mediates degradation of nuclear lamina. <i>Nature</i> , 2015, 527, 105-109.	13.7	510
12	The Adaptor Protein p62/SQSTM1 Targets Invading Bacteria to the Autophagy Pathway. <i>Journal of Immunology</i> , 2009, 183, 5909-5916.	0.4	501
13	Regulation of selective autophagy: the p62/SQSTM1 paradigm. <i>Essays in Biochemistry</i> , 2017, 61, 609-624.	2.1	490
14	Selective Autophagy: ATG8 Family Proteins, LIR Motifs and Cargo Receptors. <i>Journal of Molecular Biology</i> , 2020, 432, 80-103.	2.0	446
15	NBR1 and p62 as cargo receptors for selective autophagy of ubiquitinated targets. <i>Cell Cycle</i> , 2009, 8, 1986-1990.	1.3	399
16	The Selective Macroautophagic Degradation of Aggregated Proteins Requires the PI3P-Binding Protein Alf1. <i>Molecular Cell</i> , 2010, 38, 265-279.	4.5	390
17	Aggrephagy: Selective Disposal of Protein Aggregates by Macroautophagy. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-21.	1.0	363
18	Interaction Codes within the Family of Mammalian Phox and Bem1p Domain-containing Proteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 34568-34581.	1.6	332

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19	p62/SQSTM1 and ALFY interact to facilitate the formation of p62 bodies/ALIS and their degradation by autophagy. <i>Autophagy</i> , 2010, 6, 330-344.	4.3	296
20	FKBP8 recruits LC3A to mediate Parkin-independent mitophagy. <i>EMBO Reports</i> , 2017, 18, 947-961.	2.0	295
21	Plant NBR1 is a selective autophagy substrate and a functional hybrid of the mammalian autophagic adaptors NBR1 and p62/SQSTM1. <i>Autophagy</i> , 2011, 7, 993-1010.	4.3	283
22	p62/SQSTM1: A Missing Link between Protein Aggregates and the Autophagy Machinery. <i>Autophagy</i> , 2006, 2, 138-139.	4.3	274
23	NBR1 acts as an autophagy receptor for peroxisomes. <i>Journal of Cell Science</i> , 2013, 126, 939-52.	1.2	274
24	ATG8 Family Proteins Act as Scaffolds for Assembly of the ULK Complex. <i>Journal of Biological Chemistry</i> , 2012, 287, 39275-39290.	1.6	257
25	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, 523-531.	2.3	224
26	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, 5941-5953.	1.6	200
27	The Selective Autophagy Receptor p62 Forms a Flexible Filamentous Helical Scaffold. <i>Cell Reports</i> , 2015, 11, 748-758.	2.9	190
28	NBR1 co-operates with p62 in selective autophagy of ubiquitinated targets. <i>Autophagy</i> , 2009, 5, 732-733.	4.3	163
29	A reporter cell system to monitor autophagy based on p62/SQSTM1. <i>Autophagy</i> , 2010, 6, 784-793.	4.3	138
30	Mechanisms of Selective Autophagy. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 143-169.	4.0	137
31	Cell death during <i>Drosophila melanogaster</i> early oogenesis is mediated through autophagy. <i>Autophagy</i> , 2009, 5, 298-302.	4.3	124
32	Autophagy: links with the proteasome. <i>Current Opinion in Cell Biology</i> , 2010, 22, 192-198.	2.6	113
33	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, 29361-29374.	1.6	106
34	NIPSNAP1 and NIPSNAP2 Act as "Eat Me" Signals for Mitophagy. <i>Developmental Cell</i> , 2019, 49, 509-525.e12.3.1		104
35	Aurothiomalate Inhibits Transformed Growth by Targeting the PB1 Domain of Protein Kinase C δ . <i>Journal of Biological Chemistry</i> , 2006, 281, 28450-28459.	1.6	92
36	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.	4.3	86

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37	<scp>CALCOCO</scp> 1 acts with <scp>VAMP</scp> associated proteins to mediate <scp>ER</scp> autophagy. EMBO Journal, 2020, 39, e103649.	3.5	86
38	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
39	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
40	Structural basis of p62/SQSTM1 helical filaments and their role in cellular cargo uptake. Nature Communications, 2020, 11, 440.	5.8	71
41	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
42	Efflux of choline and glycine betaine from osmoregulating cells of Escherichia coli. FEMS Microbiology Letters, 1992, 96, 149-154.	0.7	53
43	DOR/Tp53inp2 and Tp53inp1 Constitute a Metazoan Gene Family Encoding Dual Regulators of Autophagy and Transcription. PLoS ONE, 2012, 7, e34034.	1.1	51
44	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
45	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
46	NIPSNAP1 and NIPSNAP2 act as "eat me"-signals to allow sustained recruitment of autophagy receptors during mitophagy. Autophagy, 2019, 15, 1845-1847.	4.3	35
47	Regulation of Golgi turnover by CALCOCO1-mediated selective autophagy. Journal of Cell Biology, 2021, 220, .	2.3	35
48	Expression of Active Human C1 Inhibitor Serpin Domain in Escherichia coli. Protein Expression and Purification, 2001, 22, 349-358.	0.6	33
49	NIMA-related kinase 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
50	The FMRpolyGlycine Protein Mediates Aggregate Formation and Toxicity Independent of the CCG mRNA Hairpin in a Cellular Model for FXTAS. Frontiers in Genetics, 2019, 10, 249.	1.1	18
51	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
52	NIMA-related kinase 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
53	Selective autophagy goes exclusive. Nature Cell Biology, 2014, 16, 395-397.	4.6	11
54	CALCOCO1 is a soluble reticulophagy receptor. Autophagy, 2020, 16, 1729-1731.	4.3	9

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55	The soluble reticulophagy receptor CALCOCO1 is also a Golgiphagy receptor. <i>Autophagy</i> , 2021, 17, 2051-2052.	4.3	8
56	SAMM50 is a receptor for basal piecemeal mitophagy and acts with SQSTM1/p62 in OXPHOS-induced mitophagy. <i>Autophagy</i> , 2021, 17, 2656-2658.	4.3	3