Malene Hansen

List of Publications by Year in descending order

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Version: 2024-02-01

68 papers	20,507 citations	71102 41 h-index	110387 64 g-index
77 all docs	77 docs citations	77 times ranked	31547 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	Phosphorylation of ULK1 (hATG1) by AMP-Activated Protein Kinase Connects Energy Sensing to Mitophagy. Science, 2011, 331, 456-461.	12.6	2,107
4	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	7.8	1,230
5	Lifespan extension by conditions that inhibit translation in Caenorhabditis elegans. Aging Cell, 2007, 6, 95-110.	6.7	784
6	A Role for Autophagy in the Extension of Lifespan by Dietary Restriction in C. elegans. PLoS Genetics, 2008, 4, e24.	3.5	639
7	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615
8	Autophagy as a promoter of longevity: insights from model organisms. Nature Reviews Molecular Cell Biology, 2018, 19, 579-593.	37.0	513
9	New Genes Tied to Endocrine, Metabolic, and Dietary Regulation of Lifespan from a Caenorhabditis elegans Genomic RNAi Screen. PLoS Genetics, 2005, 1, e17.	3.5	467
10	Autophagy in healthy aging and disease. Nature Aging, 2021, 1, 634-650.	11.6	467
11	p62 Is a Key Regulator of Nutrient Sensing in the mTORC1 Pathway. Molecular Cell, 2011, 44, 134-146.	9.7	422
12	The TFEB orthologue HLH-30 regulates autophagy and modulates longevity in Caenorhabditis elegans. Nature Communications, 2013, 4, 2267.	12.8	416
13	A Conserved SREBP-1/Phosphatidylcholine Feedback Circuit Regulates Lipogenesis in Metazoans. Cell, 2011, 147, 840-852.	28.9	373
14	Autophagy and Lipid Metabolism Coordinately Modulate Life Span in Germline-less C.Âelegans. Current Biology, 2011, 21, 1507-1514.	3.9	296
15	Transcriptional and epigenetic regulation of autophagy in aging. Autophagy, 2015, 11, 867-880.	9.1	280
16	Dietary restriction and lifespan: Lessons from invertebrate models. Ageing Research Reviews, 2017, 39, 3-14.	10.9	267
17	Lessons from C. elegans: signaling pathways for longevity. Trends in Endocrinology and Metabolism, 2012, 23, 637-644.	7.1	252
18	Reproduction, Fat Metabolism, and Life Span: What Is the Connection?. Cell Metabolism, 2013, 17, 10-19.	16.2	244

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19	Mutations That Increase the Life Span of C. elegans Inhibit Tumor Growth. Science, 2006, 313, 971-975.	12.6	227
20	A Mediator subunit, MDT-15, integrates regulation of fatty acid metabolism by NHR-49-dependent and -independent pathways in C. elegans. Genes and Development, 2006, 20, 1137-1149.	5.9	220
21	Ras GTPases: integrins' friends or foes?. Nature Reviews Molecular Cell Biology, 2003, 4, 767-777.	37.0	207
22	Insulin/IGF-1 signaling mutants reprogram ER stress response regulators to promote longevity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9730-9735.	7.1	206
23	Hormetic heat stress and HSF-1 induce autophagy to improve survival and proteostasis in C. elegans. Nature Communications, 2017, 8, 14337.	12.8	180
24	Spatiotemporal regulation of autophagy during Caenorhabditis elegans aging. ELife, 2017, 6, .	6.0	176
25	Phosphorylation of LC3 by the Hippo Kinases STK3/STK4 Is Essential for Autophagy. Molecular Cell, 2015, 57, 55-68.	9.7	158
26	Intestinal Autophagy Improves Healthspan and Longevity in C. elegans during Dietary Restriction. PLoS Genetics, 2016, 12, e1006135.	3.5	142
27	Mitochondrial Permeability Uncouples Elevated Autophagy and Lifespan Extension. Cell, 2019, 177, 299-314.e16.	28.9	137
28	C. elegans rrf-1 Mutations Maintain RNAi Efficiency in the Soma in Addition to the Germline. PLoS ONE, 2012, 7, e35428.	2.5	119
29	Guidelines for monitoring autophagy in Caenorhabditis elegans. Autophagy, 2015, 11, 9-27.	9.1	119
30	Autophagy and innate immunity: Insights from invertebrate model organisms. Autophagy, 2018, 14, 233-242.	9.1	112
31	Does Longer Lifespan Mean Longer Healthspan?. Trends in Cell Biology, 2016, 26, 565-568.	7.9	101
32	The Mediator Subunit MDT-15 Confers Metabolic Adaptation to Ingested Material. PLoS Genetics, 2008, 4, e1000021.	3.5	100
33	Autophagy-mediated longevity is modulated by lipoprotein biogenesis. Autophagy, 2016, 12, 261-272.	9.1	100
34	The autophagy receptor p62/SQST-1 promotes proteostasis and longevity in C. elegans by inducing autophagy. Nature Communications, 2019, 10, 5648.	12.8	86
35	Autophagy - An Emerging Anti-Aging Mechanism?. , 2012, s4, .		74
36	Autophagy genes are required for normal lipid levels inC. elegans. Autophagy, 2013, 9, 278-286.	9.1	68

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37	Beyond Autophagy: The Expanding Roles of ATG8 Proteins. Trends in Biochemical Sciences, 2021, 46, 673-686.	7.5	68
38	Autophagy induction extends lifespan and reduces lipid content in response to frataxin silencing in C. elegans. Experimental Gerontology, 2013, 48, 191-201.	2.8	67
39	PLK1 (polo like kinase 1) inhibits MTOR complex 1 and promotes autophagy. Autophagy, 2017, 13, 486-505.	9.1	63
40	<scp>eIF</scp> 5A is required for autophagy by mediating <scp>ATG</scp> 3Âtranslation. EMBO Reports, 2018, 19, .	4.5	63
41	C.Âelegans S6K Mutants Require a Creatine-Kinase-like Effector for Lifespan Extension. Cell Reports, 2016, 14, 2059-2067.	6.4	50
42	Autophagy links lipid metabolism to longevity inC. elegans. Autophagy, 2012, 8, 144-146.	9.1	49
43	A dual role for integrinâ€linked kinase and Î²1â€integrin in modulating cardiac aging. Aging Cell, 2014, 13, 431-440.	6.7	49
44	Integrinâ€linked kinase modulates longevity and thermotolerance in C. elegans through neuronal control of <scp>HSF</scp>â€1. Aging Cell, 2014, 13, 419-430.	6.7	42
45	Hormetic heat shock and HSF-1 overexpression improve C. elegans survival and proteostasis by inducing autophagy. Autophagy, 2017, 13, 1076-1077.	9.1	33
46	LC3B phosphorylation regulates FYCO1 binding and directional transport of autophagosomes. Current Biology, 2021, 31, 3440-3449.e7.	3.9	31
47	Macroautophagy and aging: The impact of cellular recycling on health and longevity. Molecular Aspects of Medicine, 2021, 82, 101020.	6.4	30
48	Autophagic receptor p62 protects against glycationâ€derived toxicity and enhances viability. Aging Cell, 2020, 19, e13257.	6.7	27
49	The FOXO Transcription Factor DAF-16 Bypasses ire-1 Requirement to Promote Endoplasmic Reticulum Homeostasis. Cell Metabolism, 2014, 20, 870-881.	16.2	26
50	C-terminal sequences in R-Ras are involved in integrin regulation and in plasma membrane microdomain distribution. Biochemical and Biophysical Research Communications, 2003, 311, 829-838.	2.1	24
51	The selective autophagy receptor SQSTM1/p62 improves lifespan and proteostasis in an evolutionarily conserved manner. Autophagy, 2020, 16, 772-774.	9.1	20
52	R-Ras C-terminal sequences are sufficient to confer R-Ras specificity toH-Ras. Oncogene, 2002, 21, 4448-4461.	5.9	18
53	Chapter Twentyâ€Nine Monitoring the Role of Autophagy in C. elegans Aging. Methods in Enzymology, 2008, 451, 493-520.	1.0	17
54	LC3 is a novel substrate for the mammalian Hippo kinases, STK3/STK4. Autophagy, 2015, 11, 856-857.	9.1	13

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55	A Cool Way to Live Long. Cell, 2013, 152, 671-672.	28.9	12
56	MON-2, a Golgi protein, mediates autophagy-dependent longevity in Caenorhabditis elegans. Science Advances, 2021, 7, eabj8156.	10.3	11
57	Intestine-to-neuronal signaling alters risk-taking behaviors in food-deprived Caenorhabditis elegans. PLoS Genetics, 2022, 18, e1010178.	3.5	10
58	Age-associated and tissue-specific decline in autophagic activity in the nematode C. elegans. Autophagy, 2018, 14, 1276-1277.	9.1	9
59	LC3B phosphorylation: autophagosomeâ€™s ticket for a ride toward the cell nucleus. Autophagy, 2021, 17, 3266-3268.	9.1	7
60	Reproduction, Fat Metabolism, and Life Span: What Is the Connection?. Cell Metabolism, 2014, 19, 1066.	16.2	5
61	Targeted protein degradation: from small molecules to complex organellesâ€”a Keystone Symposia report. Annals of the New York Academy of Sciences, 2022, 1510, 79-99.	3.8	5
62	Assessing Tissue-Specific Autophagy Flux in Adult Caenorhabditis elegans. Methods in Molecular Biology, 2020, 2144, 187-200.	0.9	4
63	SAMS-1 coordinates HLH-30/TFEB and PHA-4/FOXA activities through histone methylation to mediate dietary restriction-induced autophagy and longevity. Autophagy, 2023, 19, 224-240.	9.1	3
64	The San Diego Nathan Shock Center: tackling the heterogeneity of aging. GeroScience, 2021, 43, 2139-2148.	4.6	2
65	Autophagy and Ageing. Healthy Ageing and Longevity, 2017, , 331-354.	0.2	0
66	Getting under the skin: Cuticle damage elicits systemic autophagy response in C. elegans. Journal of Cell Biology, 2019, 218, 3885-3887.	5.2	0
67	Regulation of Autophagy in Aging and Disease. Innovation in Aging, 2020, 4, 744-744.	0.1	0
68	Irving S. Wright Award: Cellular recycling in aging and disease: The importance of taking out the trash. Innovation in Aging, 2021, 5, 383-383.	0.1	0