Malene Hansen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5663969/publications.pdf

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	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
2	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
3	Intestine-to-neuronal signaling alters risk-taking behaviors in food-deprived Caenorhabditis elegans. PLoS Genetics, 2022, 18, e1010178.	3.5	10
4	Beyond Autophagy: The Expanding Roles of ATG8 Proteins. Trends in Biochemical Sciences, 2021, 46, 673-686.	7.5	68
5	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615
6	The San Diego Nathan Shock Center: tackling the heterogeneity of aging. GeroScience, 2021, 43, 2139-2148.	4.6	2
7	LC3B phosphorylation regulates FYCO1 binding and directional transport of autophagosomes. Current Biology, 2021, 31, 3440-3449.e7.	3.9	31
8	LC3B phosphorylation: autophagosomeâ€™s ticket for a ride toward the cell nucleus. Autophagy, 2021, 17, 3266-3268.	9.1	7
9	Autophagy in healthy aging and disease. Nature Aging, 2021, 1, 634-650.	11.6	467
10	Macroautophagy and aging: The impact of cellular recycling on health and longevity. Molecular Aspects of Medicine, 2021, 82, 101020.	6.4	30
11	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
12	MON-2, a Golgi protein, mediates autophagy-dependent longevity in Caenorhabditis elegans. Science Advances, 2021, 7, eabj8156.	10.3	11
13	Autophagic receptor p62 protects against glycationâ€derived toxicity and enhances viability. Aging Cell, 2020, 19, e13257.	6.7	27
14	Assessing Tissue-Specific Autophagy Flux in Adult Caenorhabditis elegans. Methods in Molecular Biology, 2020, 2144, 187-200.	0.9	4
15	The selective autophagy receptor SQSTM1/p62 improves lifespan and proteostasis in an evolutionarily conserved manner. Autophagy, 2020, 16, 772-774.	9.1	20
16	Regulation of Autophagy in Aging and Disease. Innovation in Aging, 2020, 4, 744-744.	0.1	0
17	Mitochondrial Permeability Uncouples Elevated Autophagy and Lifespan Extension. Cell, 2019, 177, 299-314.e16.	28.9	137
18	Getting under the skin: Cuticle damage elicits systemic autophagy response in C. elegans. Journal of Cell Biology, 2019, 218, 3885-3887.	5.2	0

#	Article	IF	Citations
19	The autophagy receptor p62/SQST-1 promotes proteostasis and longevity in C. elegans by inducing autophagy. Nature Communications, 2019, 10, 5648.	12.8	86
20	<scp>eIF</scp> 5A is required for autophagy by mediating <scp>ATG</scp> 3Âtranslation. EMBO Reports, 2018, 19, .	4.5	63
21	Autophagy and innate immunity: Insights from invertebrate model organisms. Autophagy, 2018, 14, 233-242.	9.1	112
22	Age-associated and tissue-specific decline in autophagic activity in the nematode C. elegans. Autophagy, 2018, 14, 1276-1277.	9.1	9
23	Autophagy as a promoter of longevity: insights from model organisms. Nature Reviews Molecular Cell Biology, 2018, 19, 579-593.	37.0	513
24	PLK1 (polo like kinase 1) inhibits MTOR complex 1 and promotes autophagy. Autophagy, 2017, 13, 486-505.	9.1	63
25	Hormetic heat stress and HSF-1 induce autophagy to improve survival and proteostasis in C. elegans. Nature Communications, 2017, 8, 14337.	12.8	180
26	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	7.8	1,230
27	Hormetic heat shock and HSF-1 overexpression improve C. elegans survival and proteostasis by inducing autophagy. Autophagy, 2017, 13, 1076-1077.	9.1	33
28	Dietary restriction and lifespan: Lessons from invertebrate models. Ageing Research Reviews, 2017, 39, 3-14.	10.9	267
29	Autophagy and Ageing. Healthy Ageing and Longevity, 2017, , 331-354.	0.2	0
30	Spatiotemporal regulation of autophagy during Caenorhabditis elegans aging. ELife, 2017, 6, .	6.0	176
31	Does Longer Lifespan Mean Longer Healthspan?. Trends in Cell Biology, 2016, 26, 565-568.	7.9	101
32	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
33	Autophagy-mediated longevity is modulated by lipoprotein biogenesis. Autophagy, 2016, 12, 261-272.	9.1	100
34	C.Âelegans S6K Mutants Require a Creatine-Kinase-like Effector for Lifespan Extension. Cell Reports, 2016, 14, 2059-2067.	6.4	50
35	Intestinal Autophagy Improves Healthspan and Longevity in C. elegans during Dietary Restriction. PLoS Genetics, 2016, 12, e1006135.	3.5	142
36	LC3 is a novel substrate for the mammalian Hippo kinases, STK3/STK4. Autophagy, 2015, 11, 856-857.	9.1	13

#	Article	IF	Citations
37	Phosphorylation of LC3 by the Hippo Kinases STK3/STK4 Is Essential for Autophagy. Molecular Cell, 2015, 57, 55-68.	9.7	158
38	Transcriptional and epigenetic regulation of autophagy in aging. Autophagy, 2015, 11, 867-880.	9.1	280
39	Guidelines for monitoring autophagy in Caenorhabditis elegans. Autophagy, 2015, 11, 9-27.	9.1	119
40	A dual role for integrinâ€linked kinase and Î²1â€integrin in modulating cardiac aging. Aging Cell, 2014, 13, 431-440.	6.7	49
41	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
42	The FOXO Transcription Factor DAF-16 Bypasses ire-1 Requirement to Promote Endoplasmic Reticulum Homeostasis. Cell Metabolism, 2014, 20, 870-881.	16.2	26
43	Reproduction, Fat Metabolism, and Life Span: What Is the Connection?. Cell Metabolism, 2014, 19, 1066.	16.2	5
44	The TFEB orthologue HLH-30 regulates autophagy and modulates longevity in Caenorhabditis elegans. Nature Communications, 2013, 4, 2267.	12.8	416
45	A Cool Way to Live Long. Cell, 2013, 152, 671-672.	28.9	12
46	Reproduction, Fat Metabolism, and Life Span: What Is the Connection?. Cell Metabolism, 2013, 17, 10-19.	16.2	244
47	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
48	Autophagy genes are required for normal lipid levels inC. elegans. Autophagy, 2013, 9, 278-286.	9.1	68
49	Autophagy links lipid metabolism to longevity inC. elegans. Autophagy, 2012, 8, 144-146.	9.1	49
50	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
51	Lessons from C. elegans: signaling pathways for longevity. Trends in Endocrinology and Metabolism, 2012, 23, 637-644.	7.1	252
52	C. elegans rrf-1 Mutations Maintain RNAi Efficiency in the Soma in Addition to the Germline. PLoS ONE, 2012, 7, e35428.	2.5	119
53	Autophagy - An Emerging Anti-Aging Mechanism?. , 2012, s4, .		74
54	A Conserved SREBP-1/Phosphatidylcholine Feedback Circuit Regulates Lipogenesis in Metazoans. Cell, 2011, 147, 840-852.	28.9	373

#	Article	IF	Citations
55	p62 Is a Key Regulator of Nutrient Sensing in the mTORC1 Pathway. Molecular Cell, 2011, 44, 134-146.	9.7	422
56	Phosphorylation of ULK1 (hATG1) by AMP-Activated Protein Kinase Connects Energy Sensing to Mitophagy. Science, 2011, 331, 456-461.	12.6	2,107
57	Autophagy and Lipid Metabolism Coordinately Modulate Life Span in Germline-less C.Âelegans. Current Biology, 2011, 21, 1507-1514.	3.9	296
58	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
59	A Role for Autophagy in the Extension of Lifespan by Dietary Restriction in C. elegans. PLoS Genetics, 2008, 4, e24.	3.5	639
60	Chapter Twentyâ€Nine Monitoring the Role of Autophagy in C. elegans Aging. Methods in Enzymology, 2008, 451, 493-520.	1.0	17
61	The Mediator Subunit MDT-15 Confers Metabolic Adaptation to Ingested Material. PLoS Genetics, 2008, 4, e1000021.	3.5	100
62	Lifespan extension by conditions that inhibit translation in Caenorhabditis elegans. Aging Cell, 2007, 6, 95-110.	6.7	784
63	Mutations That Increase the Life Span of C. elegans Inhibit Tumor Growth. Science, 2006, 313, 971-975.	12.6	227
64	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
65	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
66	Ras GTPases: integrins' friends or foes?. Nature Reviews Molecular Cell Biology, 2003, 4, 767-777.	37.0	207
67	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
68	R-Ras C-terminal sequences are sufficient to confer R-Ras specificity toH-Ras. Oncogene, 2002, 21, 4448-4461.	5.9	18