

Caroline Kumsta

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,798
citations

471509

17
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

4901
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. <i>Autophagy</i> , 2023, 19, 224-240.	9.1	3
2	Autophagic receptor p62 protects against glycationâ€derived toxicity and enhances viability. <i>Aging Cell</i> , 2020, 19, e13257.	6.7	27
3	Assessing Tissue-Specific Autophagy Flux in Adult <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2020, 2144, 187-200.	0.9	4
4	The selective autophagy receptor SQSTM1/p62 improves lifespan and proteostasis in an evolutionarily conserved manner. <i>Autophagy</i> , 2020, 16, 772-774.	9.1	20
5	Mitochondrial Permeability Uncouples Elevated Autophagy and Lifespan Extension. <i>Cell</i> , 2019, 177, 299-314.e16.	28.9	137
6	Getting under the skin: Cuticle damage elicits systemic autophagy response in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , 2019, 218, 3885-3887.	5.2	0
7	The autophagy receptor p62/SQST-1 promotes proteostasis and longevity in <i>C. elegans</i> by inducing autophagy. <i>Nature Communications</i> , 2019, 10, 5648.	12.8	86
8	<sc>eIF</sc> 5A is required for autophagy by mediating <sc>ATG</sc> 3 translation. <i>EMBO Reports</i> , 2018, 19, .	4.5	63
9	Homeostatic heat stress and HSF-1 induce autophagy to improve survival and proteostasis in <i>C. elegans</i> . <i>Nature Communications</i> , 2017, 8, 14337.	12.8	180
10	Homeostatic heat shock and HSF-1 overexpression improve <i>C. elegans</i> survival and proteostasis by inducing autophagy. <i>Autophagy</i> , 2017, 13, 1076-1077.	9.1	33
11	Spatiotemporal regulation of autophagy during <i>Caenorhabditis elegans</i> aging. <i>ELife</i> , 2017, 6, .	6.0	176
12	<i>C. elegans</i> S6K Mutants Require a Creatine-Kinase-like Effector for Lifespan Extension. <i>Cell Reports</i> , 2016, 14, 2059-2067.	6.4	50
13	Intestinal Autophagy Improves Healthspan and Longevity in <i>C. elegans</i> during Dietary Restriction. <i>PLoS Genetics</i> , 2016, 12, e1006135.	3.5	142
14	Transcriptional and epigenetic regulation of autophagy in aging. <i>Autophagy</i> , 2015, 11, 867-880.	9.1	280
15	Guidelines for monitoring autophagy in <i>Caenorhabditis elegans</i> . <i>Autophagy</i> , 2015, 11, 9-27.	9.1	119
16	A dual role for integrinâ€linked kinase and Î²1â€integrin in modulating cardiac aging. <i>Aging Cell</i> , 2014, 13, 431-440.	6.7	49
17	Integrinâ€linked kinase modulates longevity and thermotolerance in <i>C. elegans</i> through neuronal control of <sc>HSF</sc>â€1. <i>Aging Cell</i> , 2014, 13, 419-430.	6.7	42
18	<i>C. elegans</i> rrf-1 Mutations Maintain RNAi Efficiency in the Soma in Addition to the Germline. <i>PLoS ONE</i> , 2012, 7, e35428.	2.5	119

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19	Effects of Oxidative Stress on Behavior, Physiology, and the Redox Thiol Proteome of <i>Caenorhabditis elegans</i> . <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1023-1037.	5.4	99
20	Is Overoxidation of Peroxiredoxin Physiologically Significant?. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 725-730.	5.4	36
21	Redox-Regulated Chaperones. <i>Biochemistry</i> , 2009, 48, 4666-4676.	2.5	121