

Claudine Kraft

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

12,479
citations

101384

36
h-index

168136

53
g-index

61
all docs

61
docs citations

61
times ranked

22027
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	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
3	Mature ribosomes are selectively degraded upon starvation by an autophagy pathway requiring the Ubp3p/Bre5p ubiquitin protease. <i>Nature Cell Biology</i> , 2008, 10, 602-610.	4.6	639
4	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
5	Selective autophagy: ubiquitin-mediated recognition and beyond. <i>Nature Cell Biology</i> , 2010, 12, 836-841.	4.6	567
6	SLC38A9 is a component of the lysosomal amino acid sensing machinery that controls mTORC1. <i>Nature</i> , 2015, 519, 477-481.	13.7	561
7	Mechanism and functions of membrane binding by the Atg5-Atg12/Atg16 complex during autophagosome formation. <i>EMBO Journal</i> , 2012, 31, 4304-4317.	3.5	378
8	Mitotic regulation of the human anaphase-promoting complex by phosphorylation. <i>EMBO Journal</i> , 2003, 22, 6598-6609.	3.5	344
9	Roles of Polo-like Kinase 1 in the Assembly of Functional Mitotic Spindles. <i>Current Biology</i> , 2004, 14, 1712-1722.	1.8	312
10	Phosphoproteomic Analysis Reveals Interconnected System-Wide Responses to Perturbations of Kinases and Phosphatases in Yeast. <i>Science Signaling</i> , 2010, 3, rs4.	1.6	277
11	Early Steps in Autophagy Depend on Direct Phosphorylation of Atg9 by the Atg1 Kinase. <i>Molecular Cell</i> , 2014, 53, 471-483.	4.5	274
12	Binding of the Atg1/ULK1 kinase to the ubiquitin-like protein Atg8 regulates autophagy. <i>EMBO Journal</i> , 2012, 31, 3691-3703.	3.5	237
13	The WD40 Propeller Domain of Cdh1 Functions as a Destruction Box Receptor for APC/C Substrates. <i>Molecular Cell</i> , 2005, 18, 543-553.	4.5	198
14	Atg9 establishes Atg2-dependent contact sites between the endoplasmic reticulum and phagophores. <i>Journal of Cell Biology</i> , 2018, 217, 2743-2763.	2.3	194
15	Regulation of Autophagy By Signaling Through the Atg1/ULK1 Complex. <i>Journal of Molecular Biology</i> , 2016, 428, 1725-1741.	2.0	139
16	Selective types of autophagy in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1404-1412.	1.9	135
17	Mechanisms and regulation of autophagosome formation. <i>Current Opinion in Cell Biology</i> , 2012, 24, 496-501.	2.6	120
18	Quantitative high-confidence human mitochondrial proteome and its dynamics in cellular context. <i>Cell Metabolism</i> , 2021, 33, 2464-2483.e18.	7.2	113

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19	The coordinated action of the MVB pathway and autophagy ensures cell survival during starvation. <i>ELife</i> , 2015, 4, e07736.	2.8	102
20	The anaphase promoting complex/cyclosome is recruited to centromeres by the spindle assembly checkpoint. <i>Nature Cell Biology</i> , 2004, 6, 892-898.	4.6	94
21	Substrate binding on the APC/C occurs between the coactivator Cdh1 and the processivity factor Doc1. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 6-13.	3.6	89
22	Reconstitution reveals Ykt6 as the autophagosomal SNARE in autophagosome-vacuole fusion. <i>Journal of Cell Biology</i> , 2018, 217, 3656-3669.	2.3	88
23	Hrr25 kinase promotes selective autophagy by phosphorylating the cargo receptor <i>tg19</i> . <i>EMBO Reports</i> , 2014, 15, 862-870.	2.0	85
24	Two Independent Pathways within Selective Autophagy Converge to Activate Atg1 Kinase at the Vacuole. <i>Molecular Cell</i> , 2016, 64, 221-235.	4.5	80
25	Atg4 proteolytic activity can be inhibited by Atg1 phosphorylation. <i>Nature Communications</i> , 2017, 8, 295.	5.8	70
26	Autophagosomes are formed at a distinct cellular structure. <i>Current Opinion in Cell Biology</i> , 2020, 65, 50-57.	2.6	67
27	Activation of Atg1 kinase in autophagy by regulated phosphorylation. <i>Autophagy</i> , 2010, 6, 1168-1178.	4.3	59
28	Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. <i>EMBO Reports</i> , 2017, 18, 765-780.	2.0	59
29	Mechanism of cargo-directed Atg8 conjugation during selective autophagy. <i>ELife</i> , 2016, 5, .	2.8	57
30	Assays to Monitor Autophagy in <i>Saccharomyces cerevisiae</i> . <i>Cells</i> , 2017, 6, 23.	1.8	53
31	An Early mtUPR: Redistribution of the Nuclear Transcription Factor Rox1 to Mitochondria Protects against Intramitochondrial Proteotoxic Aggregates. <i>Molecular Cell</i> , 2020, 77, 180-188.e9.	4.5	53
32	Vac8 spatially confines autophagosome formation at the vacuole. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	48
33	Ribophorin I Associates with a Subset of Membrane Proteins after Their Integration at the Sec61 Translocon. <i>Journal of Biological Chemistry</i> , 2005, 280, 4195-4206.	1.6	41
34	Control of Ubp3 ubiquitin protease activity by the Hog1 SAPK modulates transcription upon osmostress. <i>EMBO Journal</i> , 2011, 30, 3274-3284.	3.5	41
35	Is the Rsp5 ubiquitin ligase involved in the regulation of ribophagy?. <i>Autophagy</i> , 2008, 4, 838-840.	4.3	40
36	Atg1 kinase organizes autophagosome formation by phosphorylating Atg9. <i>Autophagy</i> , 2014, 10, 1338-1340.	4.3	39

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37	Phosphoregulation of the autophagy machinery by kinases and phosphatases. <i>Autophagy</i> , 2022, 18, 104-123.	4.3	33
38	The E2-C Vihar Is Required for the Correct Spatiotemporal Proteolysis of Cyclin B and Itself Undergoes Cyclical Degradation. <i>Current Biology</i> , 2004, 14, 1723-1733.	1.8	32
39	Telomerase Is Essential to Alleviate Pif1-Induced Replication Stress at Telomeres. <i>Genetics</i> , 2009, 183, 779-791.	1.2	28
40	Atg1 kinase regulates autophagosomeâ€vacuole fusion by controlling SNARE bundling. <i>EMBO Reports</i> , 2020, 21, e51869.	2.0	26
41	The multi-functional SNARE protein Ykt6 in autophagosomal fusion processes. <i>Cell Cycle</i> , 2019, 18, 639-651.	1.3	25
42	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. <i>PLoS Biology</i> , 2020, 18, e3000874.	2.6	19
43	Dual role of Mic10 in mitochondrial cristae organization and ATP synthase-linked metabolic adaptation and respiratory growth. <i>Cell Reports</i> , 2022, 38, 110290.	2.9	16
44	An <i>in vivo</i> detection system for transient and lowâ€abundant protein interactions and their kinetics in budding yeast. <i>Yeast</i> , 2015, 32, 355-365.	0.8	15
45	Global kinome profiling reveals DYRK1A as critical activator of the human mitochondrial import machinery. <i>Nature Communications</i> , 2021, 12, 4284.	5.8	15
46	Spatial control of avidity regulates initiation and progression of selective autophagy. <i>Nature Communications</i> , 2021, 12, 7194.	5.8	14
47	Autophagy Competes for a Common Phosphatidylethanolamine Pool with Major Cellular PE-Consuming Pathways in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2015, 199, 475-485.	1.2	13
48	Mitotic Entry: Tipping the Balance. <i>Current Biology</i> , 2003, 13, R445-R446.	1.8	12
49	Scaffold proteins in bulk and selective autophagy. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 172, 15-35.	0.9	9
50	Small but mighty: Atg8s and Rabs in membrane dynamics during autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119064.	1.9	9
51	Ykt6 mediates autophagosome-vacuole fusion. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1526006.	0.3	7
52	Driving next-generation autophagy researchers towards translation (DRIVE), an international PhD training program on autophagy. <i>Autophagy</i> , 2019, 15, 347-351.	4.3	4
53	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
54	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0

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