

Claudine Kraft

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

12,479
citations

101543
36
h-index

168389
53
g-index

61
all docs

61
docs citations

61
times ranked

22027
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphoregulation of the autophagy machinery by kinases and phosphatases. Autophagy, 2022, 18, 104-123.	9.1	33
2	Dual role of Mic10 in mitochondrial cristae organization and ATP synthase-linked metabolic adaptation and respiratory growth. Cell Reports, 2022, 38, 110290.	6.4	16
3	Global kinome profiling reveals DYRK1A as critical activator of the human mitochondrial import machinery. Nature Communications, 2021, 12, 4284.	12.8	15
4	Small but mighty: Atg8s and Rabs in membrane dynamics during autophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119064.	4.1	9
5	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615
6	Quantitative high-confidence human mitochondrial proteome and its dynamics in cellular context. Cell Metabolism, 2021, 33, 2464-2483.e18.	16.2	113
7	Spatial control of avidity regulates initiation and progression of selective autophagy. Nature Communications, 2021, 12, 7194.	12.8	14
8	An Early mtUPR: Redistribution of the Nuclear Transcription Factor Rox1 to Mitochondria Protects against Intramitochondrial Proteotoxic Aggregates. Molecular Cell, 2020, 77, 180-188.e9.	9.7	53
9	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. PLoS Biology, 2020, 18, e3000874.	5.6	19
10	Autophagosomes are formed at a distinct cellular structure. Current Opinion in Cell Biology, 2020, 65, 50-57.	5.4	67
11	Scaffold proteins in bulk and selective autophagy. Progress in Molecular Biology and Translational Science, 2020, 172, 15-35.	1.7	9
12	Atg1 kinase regulates autophagosome-vacuole fusion by controlling SNARE bundling. EMBO Reports, 2020, 21, e51869.	4.5	26
13	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
14	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
15	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
16	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
17	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
18	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0

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19	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
20	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
21	The multi-functional SNARE protein Ykt6 in autophagosomal fusion processes. Cell Cycle, 2019, 18, 639-651.	2.6	25
22	Vac8 spatially confines autophagosome formation at the vacuole. Journal of Cell Science, 2019, 132, .	2.0	48
23	Driving next-generation autophagy researchers towards translation (DRIVE), an international PhD training program on autophagy. Autophagy, 2019, 15, 347-351.	9.1	4
24	Ykt6 mediates autophagosome-vacuole fusion. Molecular and Cellular Oncology, 2018, 5, e1526006.	0.7	7
25	Atg9 establishes Atg2-dependent contact sites between the endoplasmic reticulum and phagophores. Journal of Cell Biology, 2018, 217, 2743-2763.	5.2	194
26	Reconstitution reveals Ykt6 as the autophagosomal SNARE in autophagosomeâ€“vacuole fusion. Journal of Cell Biology, 2018, 217, 3656-3669.	5.2	88
27	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	7.8	1,230
28	Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. EMBO Reports, 2017, 18, 765-780.	4.5	59
29	Assays to Monitor Autophagy in <i>Saccharomyces cerevisiae</i> . Cells, 2017, 6, 23.	4.1	53
30	Atg4 proteolytic activity can be inhibited by Atg1 phosphorylation. Nature Communications, 2017, 8, 295.	12.8	70
31	Regulation of Autophagy By Signaling Through the Atg1/ULK1 Complex. Journal of Molecular Biology, 2016, 428, 1725-1741.	4.2	139
32	Two Independent Pathways within Selective Autophagy Converge to Activate Atg1 Kinase at the Vacuole. Molecular Cell, 2016, 64, 221-235.	9.7	80
33	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
34	Mechanism of cargo-directed Atg8 conjugation during selective autophagy. ELife, 2016, 5, .	6.0	57
35	Autophagy Competes for a Common Phosphatidylethanolamine Pool with Major Cellular PE-Consuming Pathways in <i>Saccharomyces cerevisiae</i> . Genetics, 2015, 199, 475-485.	2.9	13
36	SLC38A9 is a component of the lysosomal amino acid sensing machinery that controls mTORC1. Nature, 2015, 519, 477-481.	27.8	561

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37	An <i>in vivo</i> detection system for transient and low-abundant protein interactions and their kinetics in budding yeast. <i>Yeast</i> , 2015, 32, 355-365.	1.7	15
38	The coordinated action of the MVB pathway and autophagy ensures cell survival during starvation. <i>ELife</i> , 2015, 4, e07736.	6.0	102
39	Atg1 kinase organizes autophagosome formation by phosphorylating Atg9. <i>Autophagy</i> , 2014, 10, 1338-1340.	9.1	39
40	Hrr25 kinase promotes selective autophagy by phosphorylating the cargo receptor <i>Atg19</i> . <i>EMBO Reports</i> , 2014, 15, 862-870.	4.5	85
41	Early Steps in Autophagy Depend on Direct Phosphorylation of Atg9 by the Atg1 Kinase. <i>Molecular Cell</i> , 2014, 53, 471-483.	9.7	274
42	Binding of the Atg1/ULK1 kinase to the ubiquitin-like protein Atg8 regulates autophagy. <i>EMBO Journal</i> , 2012, 31, 3691-3703.	7.8	237
43	Mechanisms and regulation of autophagosome formation. <i>Current Opinion in Cell Biology</i> , 2012, 24, 496-501.	5.4	120
44	Mechanism and functions of membrane binding by the Atg5-Atg12/Atg16 complex during autophagosome formation. <i>EMBO Journal</i> , 2012, 31, 4304-4317.	7.8	378
45	Control of Ubp3 ubiquitin protease activity by the Hog1 SAPK modulates transcription upon osmostress. <i>EMBO Journal</i> , 2011, 30, 3274-3284.	7.8	41
46	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.	8.2	89
47	Selective autophagy: ubiquitin-mediated recognition and beyond. <i>Nature Cell Biology</i> , 2010, 12, 836-841.	10.3	567
48	Phosphoproteomic Analysis Reveals Interconnected System-Wide Responses to Perturbations of Kinases and Phosphatases in Yeast. <i>Science Signaling</i> , 2010, 3, rs4.	3.6	277
49	Activation of Atg1 kinase in autophagy by regulated phosphorylation. <i>Autophagy</i> , 2010, 6, 1168-1178.	9.1	59
50	Telomerase Is Essential to Alleviate Pif1-Induced Replication Stress at Telomeres. <i>Genetics</i> , 2009, 183, 779-791.	2.9	28
51	Selective types of autophagy in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1404-1412.	4.1	135
52	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.	10.3	639
53	Is the Rsp5 ubiquitin ligase involved in the regulation of ribophagy?. <i>Autophagy</i> , 2008, 4, 838-840.	9.1	40
54	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.	3.4	41

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55	The WD40 Propeller Domain of Cdh1 Functions as a Destruction Box Receptor for APC/C Substrates. Molecular Cell, 2005, 18, 543-553.	9.7	198
56	The anaphase promoting complex/cyclosome is recruited to centromeres by the spindle assembly checkpoint. Nature Cell Biology, 2004, 6, 892-898.	10.3	94
57	The E2-C Vihar Is Required for the Correct Spatiotemporal Proteolysis of Cyclin B and Itself Undergoes Cyclical Degradation. Current Biology, 2004, 14, 1723-1733.	3.9	32
58	Roles of Polo-like Kinase 1 in the Assembly of Functional Mitotic Spindles. Current Biology, 2004, 14, 1712-1722.	3.9	312
59	Mitotic regulation of the human anaphase-promoting complex by phosphorylation. EMBO Journal, 2003, 22, 6598-6609.	7.8	344
60	Mitotic Entry: Tipping the Balance. Current Biology, 2003, 13, R445-R446.	3.9	12