Claudine Kraft

List of Publications by Year in Descending Order

60 papers	9,389 citations	31 h-index	61 g-index
61 ext. papers	11,094 ext. citations	11.1 avg, IF	5.53 L-index

#	Paper	IF	Citations
60	Dual role of Mic10 in mitochondrial cristae organization and ATP synthase-linked metabolic adaptation and respiratory growth.. *Cell Reports*, **2022**, 38, 110290	10.6	3
59	Quantitative high-confidence human mitochondrial proteome and its dynamics in cellular context. *Cell Metabolism*, **2021**, 33, 2464-2483.e18	24.6	10
58	Phosphoregulation of the autophagy machinery by kinases and phosphatases. *Autophagy*, **2021**, 1-20	10.2	4
57	Global kinome profiling reveals DYRK1A as critical activator of the human mitochondrial import machinery. *Nature Communications*, **2021**, 12, 4284	17.4	3
56	Small but mighty: Atg8s and Rabs in membrane dynamics during autophagy. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2021**, 1868, 119064	4.9	1
55	Autophagy in major human diseases. *EMBO Journal*, **2021**, 40, e108863	13	79
54	Spatial control of avidity regulates initiation and progression of selective autophagy. *Nature Communications*, **2021**, 12, 7194	17.4	1
53	Autophagosomes are formed at a distinct cellular structure. *Current Opinion in Cell Biology*, **2020**, 65, 50-57	9	29
52	Scaffold proteins in bulk and selective autophagy. *Progress in Molecular Biology and Translational Science*, **2020**, 172, 15-35	4	4
51	Atg1 kinase regulates autophagosome-vacuole fusion by controlling SNARE bundling. *EMBO Reports*, **2020**, 21, e51869	6.5	6
50	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. *PLoS Biology*, **2020**, 18, e3000874	9.7	9
49	An Early mtUPR: Redistribution of the Nuclear Transcription Factor Rox1 to Mitochondria Protects against Intramitochondrial Proteotoxic Aggregates. *Molecular Cell*, **2020**, 77, 180-188.e9	17.6	30
48	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle **2020**, 18, e3000874		
47	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle **2020**, 18, e3000874		
46	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle **2020**, 18, e3000874		
45	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle **2020**, 18, e3000874		
44	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle **2020**, 18, e3000874		

43	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle **2020**, 18, e3000874		
42	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle **2020**, 18, e3000874		
41	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle **2020**, 18, e3000874		
40	The multi-functional SNARE protein Ykt6 in autophagosomal fusion processes. *Cell Cycle*, **2019**, 18, 639-651	4.7	14
39	Vac8 spatially confines autophagosome formation at the vacuole in. *Journal of Cell Science*, **2019**, 132,	5.3	25
38	Driving next-generation autophagy researchers towards translation (DRIVE), an international PhD training program on autophagy. *Autophagy*, **2019**, 15, 347-351	10.2	4
37	Reconstitution reveals Ykt6 as the autophagosomal SNARE in autophagosome-vacuole fusion. *Journal of Cell Biology*, **2018**, 217, 3656-3669	7.3	59
36	Ykt6 mediates autophagosome-vacuole fusion. *Molecular and Cellular Oncology*, **2018**, 5, e1526006	1.2	5
35	Atg9 establishes Atg2-dependent contact sites between the endoplasmic reticulum and phagophores. *Journal of Cell Biology*, **2018**, 217, 2743-2763	7.3	114
34	Molecular definitions of autophagy and related processes. *EMBO Journal*, **2017**, 36, 1811-1836	13	857
33	Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. *EMBO Reports*, **2017**, 18, 765-780	6.5	41
32	Atg4 proteolytic activity can be inhibited by Atg1 phosphorylation. *Nature Communications*, **2017**, 8, 295	17.4	43
31	Assays to Monitor Autophagy in Saccharomyces cerevisiae. *Cells*, **2017**, 6,	7.9	34
30	Two Independent Pathways within Selective Autophagy Converge to Activate Atg1 Kinase at the Vacuole. *Molecular Cell*, **2016**, 64, 221-235	17.6	57
29	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
28	Mechanism of cargo-directed Atg8 conjugation during selective autophagy. *ELife*, **2016**, 5,	8.9	46
27	Regulation of Autophagy By Signaling Through the Atg1/ULK1 Complex. *Journal of Molecular Biology*, **2016**, 428, 1725-41	6.5	110
26	Autophagy competes for a common phosphatidylethanolamine pool with major cellular PE-consuming pathways in Saccharomyces cerevisiae. *Genetics*, **2015**, 199, 475-85	4	10

25	SLC38A9 is a component of the lysosomal amino acid sensing machinery that controls mTORC1. *Nature*, **2015**, 519, 477-81	50.4	430
24	An in vivo detection system for transient and low-abundant protein interactions and their kinetics in budding yeast. *Yeast*, **2015**, 32, 355-65	3.4	12
23	The coordinated action of the MVB pathway and autophagy ensures cell survival during starvation. *ELife*, **2015**, 4, e07736	8.9	71
22	Hrr25 kinase promotes selective autophagy by phosphorylating the cargo receptor Atg19. *EMBO Reports*, **2014**, 15, 862-70	6.5	66
21	Early steps in autophagy depend on direct phosphorylation of Atg9 by the Atg1 kinase. *Molecular Cell*, **2014**, 53, 471-83	17.6	225
20	Atg1 kinase organizes autophagosome formation by phosphorylating Atg9. *Autophagy*, **2014**, 10, 1338-40	10.2	31
19	Binding of the Atg1/ULK1 kinase to the ubiquitin-like protein Atg8 regulates autophagy. *EMBO Journal*, **2012**, 31, 3691-703	13	200
18	Mechanisms and regulation of autophagosome formation. *Current Opinion in Cell Biology*, **2012**, 24, 496-501	9	101
17	Mechanism and functions of membrane binding by the Atg5-Atg12/Atg16 complex during autophagosome formation. *EMBO Journal*, **2012**, 31, 4304-17	13	285
16	Control of Ubp3 ubiquitin protease activity by the Hog1 SAPK modulates transcription upon osmostress. *EMBO Journal*, **2011**, 30, 3274-84	13	34
15	Substrate binding on the APC/C occurs between the coactivator Cdh1 and the processivity factor Doc1. *Nature Structural and Molecular Biology*, **2011**, 18, 6-13	17.6	79
14	Selective autophagy: ubiquitin-mediated recognition and beyond. *Nature Cell Biology*, **2010**, 12, 836-41	23.4	499
13	Phosphoproteomic analysis reveals interconnected system-wide responses to perturbations of kinases and phosphatases in yeast. *Science Signaling*, **2010**, 3, rs4	8.8	229
12	Activation of Atg1 kinase in autophagy by regulated phosphorylation. *Autophagy*, **2010**, 6, 1168-78	10.2	51
11	Telomerase is essential to alleviate pif1-induced replication stress at telomeres. *Genetics*, **2009**, 183, 779-91	4	22
10	Selective types of autophagy in yeast. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2009**, 1793, 1404-12	4.9	112
9	Mature ribosomes are selectively degraded upon starvation by an autophagy pathway requiring the Ubp3p/Bre5p ubiquitin protease. *Nature Cell Biology*, **2008**, 10, 602-10	23.4	530
8	Is the Rsp5 ubiquitin ligase involved in the regulation of ribophagy?. *Autophagy*, **2008**, 4, 838-40	10.2	35

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7	The WD40 propeller domain of Cdh1 functions as a destruction box receptor for APC/C substrates. *Molecular Cell*, **2005**, 18, 543-53	17.6	178
6	Ribophorin I associates with a subset of membrane proteins after their integration at the sec61 translocon. *Journal of Biological Chemistry*, **2005**, 280, 4195-206	5.4	36
5	The anaphase promoting complex/cyclosome is recruited to centromeres by the spindle assembly checkpoint. *Nature Cell Biology*, **2004**, 6, 892-8	23.4	86
4	The E2-C vihar is required for the correct spatiotemporal proteolysis of cyclin B and itself undergoes cyclical degradation. *Current Biology*, **2004**, 14, 1723-33	6.3	30
3	Roles of polo-like kinase 1 in the assembly of functional mitotic spindles. *Current Biology*, **2004**, 14, 1712-22	6.3	289
2	Mitotic regulation of the human anaphase-promoting complex by phosphorylation. *EMBO Journal*, **2003**, 22, 6598-609	13	308
1	Mitotic entry: tipping the balance. *Current Biology*, **2003**, 13, R445-6	6.3	11