

Claudine Kraft

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
59	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857
58	Mature ribosomes are selectively degraded upon starvation by an autophagy pathway requiring the Ubp3p/Bre5p ubiquitin protease. <i>Nature Cell Biology</i> , 2008 , 10, 602-10	23.4	530
57	Selective autophagy: ubiquitin-mediated recognition and beyond. <i>Nature Cell Biology</i> , 2010 , 12, 836-41	23.4	499
56	SLC38A9 is a component of the lysosomal amino acid sensing machinery that controls mTORC1. <i>Nature</i> , 2015 , 519, 477-81	50.4	430
55	Mitotic regulation of the human anaphase-promoting complex by phosphorylation. <i>EMBO Journal</i> , 2003 , 22, 6598-609	13	308
54	Roles of polo-like kinase 1 in the assembly of functional mitotic spindles. <i>Current Biology</i> , 2004 , 14, 1712-23	23	289
53	Mechanism and functions of membrane binding by the Atg5-Atg12/Atg16 complex during autophagosome formation. <i>EMBO Journal</i> , 2012 , 31, 4304-17	13	285
52	Phosphoproteomic analysis reveals interconnected system-wide responses to perturbations of kinases and phosphatases in yeast. <i>Science Signaling</i> , 2010 , 3, rs4	8.8	229
51	Early steps in autophagy depend on direct phosphorylation of Atg9 by the Atg1 kinase. <i>Molecular Cell</i> , 2014 , 53, 471-83	17.6	225
50	Binding of the Atg1/ULK1 kinase to the ubiquitin-like protein Atg8 regulates autophagy. <i>EMBO Journal</i> , 2012 , 31, 3691-703	13	200
49	The WD40 propeller domain of Cdh1 functions as a destruction box receptor for APC/C substrates. <i>Molecular Cell</i> , 2005 , 18, 543-53	17.6	178
48	Atg9 establishes Atg2-dependent contact sites between the endoplasmic reticulum and phagophores. <i>Journal of Cell Biology</i> , 2018 , 217, 2743-2763	7.3	114
47	Selective types of autophagy in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009 , 1793, 1404-12	4.9	112
46	Regulation of Autophagy By Signaling Through the Atg1/ULK1 Complex. <i>Journal of Molecular Biology</i> , 2016 , 428, 1725-41	6.5	110
45	Mechanisms and regulation of autophagosome formation. <i>Current Opinion in Cell Biology</i> , 2012 , 24, 496-501	10.1	101
44	The anaphase promoting complex/cyclosome is recruited to centromeres by the spindle assembly checkpoint. <i>Nature Cell Biology</i> , 2004 , 6, 892-8	23.4	86

43	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	17.6	79
42	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
41	The coordinated action of the MVB pathway and autophagy ensures cell survival during starvation. <i>ELife</i> , 2015 , 4, e07736	8.9	71
40	Hrr25 kinase promotes selective autophagy by phosphorylating the cargo receptor Atg19. <i>EMBO Reports</i> , 2014 , 15, 862-70	6.5	66
39	Reconstitution reveals Ykt6 as the autophagosomal SNARE in autophagosome-vacuole fusion. <i>Journal of Cell Biology</i> , 2018 , 217, 3656-3669	7.3	59
38	Two Independent Pathways within Selective Autophagy Converge to Activate Atg1 Kinase at the Vacuole. <i>Molecular Cell</i> , 2016 , 64, 221-235	17.6	57
37	Activation of Atg1 kinase in autophagy by regulated phosphorylation. <i>Autophagy</i> , 2010 , 6, 1168-78	10.2	51
36	Mechanism of cargo-directed Atg8 conjugation during selective autophagy. <i>ELife</i> , 2016 , 5,	8.9	46
35	Atg4 proteolytic activity can be inhibited by Atg1 phosphorylation. <i>Nature Communications</i> , 2017 , 8, 29517.4	17.4	43
34	Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. <i>EMBO Reports</i> , 2017 , 18, 765-780	6.5	41
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, 4195-206	5.4	36
32	Is the Rsp5 ubiquitin ligase involved in the regulation of ribophagy?. <i>Autophagy</i> , 2008 , 4, 838-40	10.2	35
31	Assays to Monitor Autophagy in <i>Saccharomyces cerevisiae</i> . <i>Cells</i> , 2017 , 6,	7.9	34
30	Control of Ubp3 ubiquitin protease activity by the Hog1 SAPK modulates transcription upon osmostress. <i>EMBO Journal</i> , 2011 , 30, 3274-84	13	34
29	Atg1 kinase organizes autophagosome formation by phosphorylating Atg9. <i>Autophagy</i> , 2014 , 10, 1338-40.	10.2	31
28	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, 1723-33	6.3	30
27	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	17.6	30
26	Autophagosomes are formed at a distinct cellular structure. <i>Current Opinion in Cell Biology</i> , 2020 , 65, 50-57	9	29

25	Vac8 spatially confines autophagosome formation at the vacuole in. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	25
24	Telomerase is essential to alleviate pif1-induced replication stress at telomeres. <i>Genetics</i> , 2009 , 183, 779-91	4	22
23	The multi-functional SNARE protein Ykt6 in autophagosomal fusion processes. <i>Cell Cycle</i> , 2019 , 18, 639-651	6.5	14
22	An in vivo detection system for transient and low-abundant protein interactions and their kinetics in budding yeast. <i>Yeast</i> , 2015 , 32, 355-65	3.4	12
21	Mitotic entry: tipping the balance. <i>Current Biology</i> , 2003 , 13, R445-6	6.3	11
20	Autophagy competes for a common phosphatidylethanolamine pool with major cellular PE-consuming pathways in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2015 , 199, 475-85	4	10
19	Quantitative high-confidence human mitochondrial proteome and its dynamics in cellular context. <i>Cell Metabolism</i> , 2021 , 33, 2464-2483.e18	24.6	10
18	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. <i>PLoS Biology</i> , 2020 , 18, e3000874	9.7	9
17	Atg1 kinase regulates autophagosome-vacuole fusion by controlling SNARE bundling. <i>EMBO Reports</i> , 2020 , 21, e51869	6.5	6
16	Ykt6 mediates autophagosome-vacuole fusion. <i>Molecular and Cellular Oncology</i> , 2018 , 5, e1526006	1.2	5
15	Scaffold proteins in bulk and selective autophagy. <i>Progress in Molecular Biology and Translational Science</i> , 2020 , 172, 15-35	4	4
14	Phosphoregulation of the autophagy machinery by kinases and phosphatases. <i>Autophagy</i> , 2021 , 1-20	10.2	4
13	Driving next-generation autophagy researchers towards translation (DRIVE), an international PhD training program on autophagy. <i>Autophagy</i> , 2019 , 15, 347-351	10.2	4
12	Dual role of Mic10 in mitochondrial cristae organization and ATP synthase-linked metabolic adaptation and respiratory growth.. <i>Cell Reports</i> , 2022 , 38, 110290	10.6	3
11	Global kinome profiling reveals DYRK1A as critical activator of the human mitochondrial import machinery. <i>Nature Communications</i> , 2021 , 12, 4284	17.4	3
10	Small but mighty: Atg8s and Rabs in membrane dynamics during autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021 , 1868, 119064	4.9	1
9	Spatial control of avidity regulates initiation and progression of selective autophagy. <i>Nature Communications</i> , 2021 , 12, 7194	17.4	1
8	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle 2020 , 18, e3000874		

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