

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.

78
papers

13,813
citations

35
h-index

93
g-index

93
ext. papers

16,113
ext. citations

17.2
avg, IF

6.08
L-index

#	Paper	IF	Citations
78	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
77	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
76	Regulation of an ATG7-beclin 1 program of autophagic cell death by caspase-8. <i>Science</i> , 2004 , 304, 1500-1505	33.3	1105
75	Termination of autophagy and reformation of lysosomes regulated by mTOR. <i>Nature</i> , 2010 , 465, 942-6	50.4	1063
74	Autophagy pathway: Cellular and molecular mechanisms. <i>Autophagy</i> , 2018 , 14, 207-215	10.2	614
73	Autophagic programmed cell death by selective catalase degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 4952-7	11.5	562
72	Cytosolic FoxO1 is essential for the induction of autophagy and tumour suppressor activity. <i>Nature Cell Biology</i> , 2010 , 12, 665-75	23.4	435
71	C. elegans screen identifies autophagy genes specific to multicellular organisms. <i>Cell</i> , 2010 , 141, 1042-55	56.2	309
70	Spinster is required for autophagic lysosome reformation and mTOR reactivation following starvation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 7826-31	11.5	197
69	Clathrin and phosphatidylinositol-4,5-bisphosphate regulate autophagic lysosome reformation. <i>Nature Cell Biology</i> , 2012 , 14, 924-34	23.4	196
68	Function and molecular mechanism of acetylation in autophagy regulation. <i>Science</i> , 2012 , 336, 474-7	33.3	183
67	Polyubiquitin chain-induced p62 phase separation drives autophagic cargo segregation. <i>Cell Research</i> , 2018 , 28, 405-415	24.7	173
66	The WD40 repeat PtdIns(3)P-binding protein EPG-6 regulates progression of omegasomes to autophagosomes. <i>Developmental Cell</i> , 2011 , 21, 343-57	10.2	165
65	Discovery of the migrasome, an organelle mediating release of cytoplasmic contents during cell migration. <i>Cell Research</i> , 2015 , 25, 24-38	24.7	149
64	The LC3-conjugation machinery specifies the loading of RNA-binding proteins into extracellular vesicles. <i>Nature Cell Biology</i> , 2020 , 22, 187-199	23.4	149
63	The selectivity of autophagy and its role in cell death and survival. <i>Autophagy</i> , 2008 , 4, 567-73	10.2	123
62	The general amino acid control pathway regulates mTOR and autophagy during serum/glutamine starvation. <i>Journal of Cell Biology</i> , 2014 , 206, 173-82	7.3	116

61	Autophagic lysosome reformation. <i>Experimental Cell Research</i> , 2013 , 319, 142-6	4.2	88
60	CapZ regulates autophagosomal membrane shaping by promoting actin assembly inside the isolation membrane. <i>Nature Cell Biology</i> , 2015 , 17, 1112-23	23.4	84
59	Kinesin 1 Drives Autolysosome Tubulation. <i>Developmental Cell</i> , 2016 , 37, 326-336	10.2	79
58	Rab8a-AS160-MSS4 regulatory circuit controls lipid droplet fusion and growth. <i>Developmental Cell</i> , 2014 , 30, 378-93	10.2	76
57	Dynamic tubulation of mitochondria drives mitochondrial network formation. <i>Cell Research</i> , 2015 , 25, 1108-20	24.7	69
56	p53 regulation of ammonia metabolism through urea cycle controls polyamine biosynthesis. <i>Nature</i> , 2019 , 567, 253-256	50.4	65
55	Architecture of the ATG2B-WDR45 complex and an aromatic Y/HF motif crucial for complex formation. <i>Autophagy</i> , 2017 , 13, 1870-1883	10.2	61
54	Autophagy and caspases: a new cell death program. <i>Cell Cycle</i> , 2004 , 3, 1124-6	4.7	59
53	Recent progress in autophagic lysosome reformation. <i>Traffic</i> , 2017 , 18, 358-361	5.7	54
52	Allosteric enhancement of ORP1-mediated cholesterol transport by PI(4,5)P/PI(3,4)P. <i>Nature Communications</i> , 2019 , 10, 829	17.4	51
51	Migrasome formation is mediated by assembly of micron-scale tetraspanin macrodomains. <i>Nature Cell Biology</i> , 2019 , 21, 991-1002	23.4	49
50	Structural basis for interaction of a cotranslational chaperone with the eukaryotic ribosome. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 1042-6	17.6	48
49	Dapper1 promotes autophagy by enhancing the Beclin1-Vps34-Atg14L complex formation. <i>Cell Research</i> , 2014 , 24, 912-24	24.7	47
48	Migrasomes provide regional cues for organ morphogenesis during zebrafish gastrulation. <i>Nature Cell Biology</i> , 2019 , 21, 966-977	23.4	43
47	Mitocytosis, a migrasome-mediated mitochondrial quality-control process. <i>Cell</i> , 2021 , 184, 2896-2910.e13	36.2	42
46	Formation of a Snf1-Mec1-Atg1 Module on Mitochondria Governs Energy Deprivation-Induced Autophagy by Regulating Mitochondrial Respiration. <i>Developmental Cell</i> , 2017 , 41, 59-71.e4	10.2	41
45	Transient Receptor Potential V Channels Are Essential for Glucose Sensing by Aldolase and AMPK. <i>Cell Metabolism</i> , 2019 , 30, 508-524.e12	24.6	39
44	Pairing of integrins with ECM proteins determines migrasome formation. <i>Cell Research</i> , 2017 , 27, 1397-1409	14.9	36

43	The late stage of autophagy: cellular events and molecular regulation. <i>Protein and Cell</i> , 2010 , 1, 907-15	7.2	35
42	Gene-specific mechanisms direct glucocorticoid-receptor-driven repression of inflammatory response genes in macrophages. <i>ELife</i> , 2018 , 7,	8.9	34
41	A semisynthetic Atg3 reveals that acetylation promotes Atg3 membrane binding and Atg8 lipidation. <i>Nature Communications</i> , 2017 , 8, 14846	17.4	31
40	Development of Research into Autophagic Lysosome Reformation. <i>Molecules and Cells</i> , 2018 , 41, 45-49	3.5	30
39	Assembly of double-shelled, virus-like particles in transgenic rice plants expressing two major structural proteins of rice dwarf virus. <i>Journal of Virology</i> , 2000 , 74, 9808-10	6.6	27
38	Cryo-EM structure and biochemical analysis reveal the basis of the functional difference between human PI3KC3-C1 and -C2. <i>Cell Research</i> , 2017 , 27, 989-1001	24.7	26
37	ER-mitochondria contacts promote mtDNA nucleoids active transportation via mitochondrial dynamic tubulation. <i>Nature Communications</i> , 2020 , 11, 4471	17.4	26
36	SIP/CacyBP promotes autophagy by regulating levels of BRUCE/Apollon, which stimulates LC3-I degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13404-13413	11.5	24
35	Iterative tomography with digital adaptive optics permits hour-long intravital observation of 3D subcellular dynamics at millisecond scale. <i>Cell</i> , 2021 , 184, 3318-3332.e17	56.2	24
34	Vesicle Size Regulates Nanotube Formation in the Cell. <i>Scientific Reports</i> , 2016 , 6, 24002	4.9	23
33	Phase Separation in Regulation of Aggrephagy. <i>Journal of Molecular Biology</i> , 2020 , 432, 160-169	6.5	23
32	Identification of markers for migrasome detection. <i>Cell Discovery</i> , 2019 , 5, 27	22.3	21
31	Sorting nexin 5 mediates virus-induced autophagy and immunity. <i>Nature</i> , 2021 , 589, 456-461	50.4	21
30	Atg5 regulates late endosome and lysosome biogenesis. <i>Science China Life Sciences</i> , 2014 , 57, 59-68	8.5	19
29	How does acetylation regulate autophagy?. <i>Autophagy</i> , 2012 , 8, 1529-30	10.2	19
28	WHAMM initiates autolysosome tubulation by promoting actin polymerization on autolysosomes. <i>Nature Communications</i> , 2019 , 10, 3699	17.4	18
27	A novel size-based sorting mechanism of pinocytic luminal cargoes in microglia. <i>Journal of Neuroscience</i> , 2015 , 35, 2674-88	6.6	15
26	Lateral transfer of mRNA and protein by migrasomes modifies the recipient cells. <i>Cell Research</i> , 2021 , 31, 237-240	24.7	14

25	Multi-site-mediated entwining of the linear WIR-motif around WIPI Epropellers for autophagy. <i>Nature Communications</i> , 2020 , 11, 2702	17.4	13
24	SLC35D3 increases autophagic activity in midbrain dopaminergic neurons by enhancing BECN1-ATG14-PIK3C3 complex formation. <i>Autophagy</i> , 2016 , 12, 1168-79	10.2	13
23	Cholesterol Crystal-Mediated Inflammation Is Driven by Plasma Membrane Destabilization. <i>Frontiers in Immunology</i> , 2018 , 9, 1163	8.4	12
22	WGA is a probe for migrasomes. <i>Cell Discovery</i> , 2019 , 5, 13	22.3	11
21	Phosphorylation of Atg31 is required for autophagy. <i>Protein and Cell</i> , 2015 , 6, 288-96	7.2	10
20	The Ccl1-Kin28 kinase complex regulates autophagy under nitrogen starvation. <i>Journal of Cell Science</i> , 2016 , 129, 135-44	5.3	10
19	Detection of Migrasomes. <i>Methods in Molecular Biology</i> , 2018 , 1749, 43-49	1.4	9
18	Migrasome biogenesis and functions. <i>FEBS Journal</i> , 2021 ,	5.7	9
17	Mitochondria: The hub of energy deprivation-induced autophagy. <i>Autophagy</i> , 2018 , 14, 1084-1085	10.2	6
16	Chemical screening identifies ROCK1 as a regulator of migrasome formation. <i>Cell Discovery</i> , 2020 , 6, 51	22.3	6
15	Visualizing Autophagic Lysosome Reformation in Cells Using In Vitro Reconstitution Systems. <i>Current Protocols in Cell Biology</i> , 2018 , 78, 11.24.1-11.24.15	2.3	5
14	Immunology. The paracaspase connection. <i>Science</i> , 2003 , 302, 1515-6	33.3	5
13	COPII mitigates ER stress by promoting formation of ER whorls. <i>Cell Research</i> , 2021 , 31, 141-156	24.7	5
12	Migrasomes: the knowns, the known unknowns and the unknown unknowns: a personal perspective. <i>Science China Life Sciences</i> , 2021 , 64, 162-166	8.5	5
11	GLIPR2 is a negative regulator of autophagy and the BECN1-ATG14-containing phosphatidylinositol 3-kinase complex. <i>Autophagy</i> , 2021 , 17, 2891-2904	10.2	4
10	Real-Time Study of Protein Phase Separation with Spatiotemporal Analysis of Single-Nanoparticle Trajectories. <i>ACS Nano</i> , 2021 , 15, 539-549	16.7	4
9	Analysis of phosphorylation sites on autophagy proteins. <i>Protein and Cell</i> , 2015 , 6, 698-701	7.2	3
8	Scissors for autolysosome tubules. <i>EMBO Journal</i> , 2015 , 34, 2217-8	13	3

7	Studying Autophagic Lysosome Reformation in Cells and by an In Vitro Reconstitution System. <i>Methods in Molecular Biology</i> , 2019 , 1880, 163-172	1.4	3
6	Nuclear translocation of the 4-pass transmembrane protein Tspan8. <i>Cell Research</i> , 2021 , 31, 1218-1221	24.7	1
5	Assembly of Tetraspanin-enriched macrodomains contains membrane damage to facilitate repair. <i>Nature Cell Biology</i> ,	23.4	1
4	Tetraspanin-enriched microdomains: The building blocks of migrasomes 2022 , 1, 100003		0
3	Retractosomes: small extracellular vesicles generated from broken-off retraction fibers.. <i>Cell Research</i> , 2022 ,	24.7	0
2	Extracellular vesicles: from bench to bedside 2022 , 1,		0
1	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019 , 15, 1829-1832	18.3	2