List of Publications by Year in descending order

90 papers	27,615 citations	26610 56 h-index	48277 88 g-index
91 all docs	91 docs citations	91 times ranked	39846 citing authors

#	Article	IF	Citations
1	Secretory autophagy maintains proteostasis upon lysosome inhibition. Journal of Cell Biology, 2022, 221, .	2.3	51
2	Autophagy in PDGFRÎ±+ mesenchymal cells is essential for intestinal stem cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2202016119.	3.3	8
3	Secretory autophagy during lysosome inhibition (SALI). Autophagy, 2022, 18, 2498-2499.	4.3	4
4	The pleiotropic functions of autophagy in metastasis. Journal of Cell Science, 2021, 134, .	1.2	23
5	Emerging roles for the autophagy machinery in extracellular vesicle biogenesis and secretion. FASEB BioAdvances, 2021, 3, 377-386.	1.3	44
6	Autophagy in stromal fibroblasts promotes tumor desmoplasia and mammary tumorigenesis. Genes and Development, 2021, 35, 963-975.	2.7	25
7	Beyond Autophagy: The Expanding Roles of ATG8 Proteins. Trends in Biochemical Sciences, 2021, 46, 673-686.	3.7	68
8	GRASP55 restricts early-stage autophagy and regulates spatial organization of the early secretory network. Biology Open, 2021, 10, .	0.6	2
9	Autophagy in host stromal fibroblasts supports tumor desmoplasia. Autophagy, 2021, 17, 4497-4498.	4.3	6
10	Ribosome profiling reveals a functional role for autophagy in mRNA translational control. Communications Biology, 2020, 3, 388.	2.0	8
11	Unconventional secretion: cargo channeling by TMED10. Cell Research, 2020, 30, 713-714.	5.7	4
12	Autophagic Degradation of NBR1 Restricts Metastatic Outgrowth during Mammary Tumor Progression. Developmental Cell, 2020, 52, 591-604.e6.	3.1	75
13	The LC3-conjugation machinery specifies the loading of RNA-binding proteins into extracellular vesicles. Nature Cell Biology, 2020, 22, 187-199.	4.6	300
14	Unraveling the mechanisms that specify molecules for secretion in extracellular vesicles. Methods, 2020, 177, 15-26.	1.9	50
15	LC3-dependent extracellular vesicle loading and secretion (LDELS). Autophagy, 2020, 16, 1162-1163.	4.3	24
16	Autophagy promotes immune evasion of pancreatic cancer by degrading MHC-I. Nature, 2020, 581, 100-105.	13.7	628
17	Targeting Autophagy in Cancer: Recent Advances and Future Directions. Cancer Discovery, 2019, 9, 1167-1181.	7.7	579
18	Atg12â€“Atg3 Coordinates Basal Autophagy, Endolysosomal Trafficking, and Exosome Release. Molecular and Cellular Oncology, 2018, 5, e1039191.	0.3	13

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19	Beyond self-eating: The control of nonautophagic functions and signaling pathways by autophagy-related proteins. Journal of Cell Biology, 2018, 217, 813-822.	2.3	92
20	Inflammatory signaling cascades and autophagy in cancer. Autophagy, 2018, 14, 190-198.	4.3	137
21	An ATG16L1-dependent pathway promotes plasma membrane repair and limits Listeria monocytogenes cell-to-cell spread. Nature Microbiology, 2018, 3, 1472-1485.	5.9	57
22	Autophagy and the cell biology of age-related disease. Nature Cell Biology, 2018, 20, 1338-1348.	4.6	312
23	Autophagy-Dependent Shuttling of TBC1D5 Controls Plasma Membrane Translocation of GLUT1 and Glucose Uptake. Molecular Cell, 2017, 67, 84-95.e5.	4.5	115
24	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	3.5	1,230
25	The Interconnections between Autophagy and Integrin-Mediated Cell Adhesion. Journal of Molecular Biology, 2017, 429, 515-530.	2.0	66
26	A computationally engineered RAS rheostat reveals RASâ€“ERK signaling dynamics. Nature Chemical Biology, 2017, 13, 119-126.	3.9	21
27	Autophagy in adhesion and migration. Journal of Cell Science, 2016, 129, 3685-3693.	1.2	86
28	At the crossroads of autophagy and infection: Noncanonical roles for ATG proteins in viral replication. Journal of Cell Biology, 2016, 214, 503-505.	2.3	5
29	Beige Adipocyte Maintenance Is Regulated by Autophagy-Induced Mitochondrial Clearance. Cell Metabolism, 2016, 24, 402-419.	7.2	282
30	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
31	NBR1 enables autophagy-dependent focal adhesion turnover. Journal of Cell Biology, 2016, 212, 577-590.	2.3	131
32	Antitumor adaptive immunity remains intact following inhibition of autophagy and antimalarial treatment. Journal of Clinical Investigation, 2016, 126, 4417-4429.	3.9	67
33	Unique role for ATG5 in neutrophil-mediated immunopathology during M. tuberculosis infection. Nature, 2015, 528, 565-569.	13.7	317
34	Autophagy Devours the Nuclear Lamina to Thwart Oncogenic Stress. Developmental Cell, 2015, 35, 529-530.	3.1	4
35	A Nuclear Option That Initiates Autophagy. Molecular Cell, 2015, 57, 393-395.	4.5	6
36	ATG12â€“ATG3 interacts with Alix to promote basal autophagic flux and late endosome function. Nature Cell Biology, 2015, 17, 300-310.	4.6	226

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37	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	3.5	1,012
38	Autophagy at the crossroads of catabolism and anabolism. Nature Reviews Molecular Cell Biology, 2015, 16, 461-472.	16.1	778
39	Autophagy-independent senescence and genome instability driven by targeted telomere dysfunction. Autophagy, 2015, 11, 527-537.	4.3	17
40	Ironing out VPS34 inhibition. Nature Cell Biology, 2015, 17, 1-3.	4.6	36
41	Cellular and metabolic functions for autophagy in cancer cells. Trends in Cell Biology, 2015, 25, 37-45.	3.6	207
42	Loss of Atg12, but not Atg5, in pro-opiomelanocortin neurons exacerbates diet-induced obesity. Autophagy, 2015, 11, 145-54.	4.3	74
43	Ubiquitination and proteasomal degradation of ATG12 regulates its proapoptotic activity. Autophagy, 2014, 10, 2269-2278.	4.3	48
44	Autophagy-Dependent Production of Secreted Factors Facilitates Oncogenic RAS-Driven Invasion. Cancer Discovery, 2014, 4, 466-479.	7.7	231
45	Autophagy and Cancer Metabolism. Methods in Enzymology, 2014, 542, 25-57.	0.4	108
46	A suppression switch. Nature, 2013, 504, 225-226.	13.7	8
47	Autophagy as a Stress-Response and Quality-Control Mechanism: Implications for Cell Injury and Human Disease. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 105-137.	9.6	461
48	FOXO3A directs a protective autophagy program in haematopoietic stem cells. Nature, 2013, 494, 323-327.	13.7	518
49	Regulation of Tumor Cell Dormancy by Tissue Microenvironments and Autophagy. Advances in Experimental Medicine and Biology, 2013, 734, 73-89.	0.8	86
50	Ĩº B kinase complex (IKK) triggers detachment-induced autophagy in mammary epithelial cells independently of the PI3K-AKT-MTORC1 pathway. Autophagy, 2013, 9, 1214-1227.	4.3	64
51	Cyclic AMP regulates formation of mammary epithelial acini in vitro. Molecular Biology of the Cell, 2012, 23, 2973-2981.	0.9	21
52	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
53	Clinical Utility of LC3 and p62 Immunohistochemistry in Diagnosis of Drug-Induced Autophagic Vacuolar Myopathies: A Case-Control Study. PLoS ONE, 2012, 7, e36221.	1.1	64
54	Targeting Chaperone-Mediated Autophagy in Cancer. Science Translational Medicine, 2011, 3, 109ps45.	5.8	15

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55	The Multifaceted Roles of Autophagy in Tumorsâ€"Implications for Breast Cancer. Journal of Mammary Gland Biology and Neoplasia, 2011, 16, 173-187.	1.0	67
56	Autophagy suppression promotes apoptotic cell death in response to inhibition of the PI3Kâ€"mTOR pathway in pancreatic adenocarcinoma. Journal of Molecular Medicine, 2011, 89, 877-889.	1.7	90
57	ATG12â€"ATG3 and mitochondria. Autophagy, 2011, 7, 109-111.	4.3	19
58	PERK Integrates Autophagy and Oxidative Stress Responses To Promote Survival during Extracellular Matrix Detachment. Molecular and Cellular Biology, 2011, 31, 3616-3629.	1.1	243
59	Autophagy facilitates glycolysis during Ras-mediated oncogenic transformation. Molecular Biology of the Cell, 2011, 22, 165-178.	0.9	419
60	Ras, autophagy and glycolysis. Cell Cycle, 2011, 10, 1516-1517.	1.3	14
61	A comprehensive glossary of autophagy-related molecules and processes (2ndedition). Autophagy, 2011, 7, 1273-1294.	4.3	255
62	Akt and Autophagy Cooperate to Promote Survival of Drug-Resistant Glioma. Science Signaling, 2010, 3, ra81.	1.6	253
63	Autophagy and Tumorigenesis. Seminars in Immunopathology, 2010, 32, 383-396.	2.8	118
64	Autophagy and metastasis: another double-edged sword. Current Opinion in Cell Biology, 2010, 22, 241-245.	2.6	276
65	Autophagy and tumorigenesis. FEBS Letters, 2010, 584, 1427-1435.	1.3	193
66	Autophagy inhibition and antimalarials promote cell death in gastrointestinal stromal tumor (GIST). Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14333-14338.	3.3	194
67	Therapeutic implications of autophagy-mediated cell survival in gastrointestinal stromal tumor after treatment with imatinib mesylate. Autophagy, 2010, 6, 1190-1191.	4.3	20
68	ATG12 Conjugation to ATG3 Regulates Mitochondrial Homeostasis and Cell Death. Cell, 2010, 142, 590-600.	13.5	241
69	Computational investigation of epithelial cell dynamic phenotype in vitro. Theoretical Biology and Medical Modelling, 2009, 6, 8.	2.1	17
70	PLIC proteins or ubiquilins regulate autophagyâ€dependent cell survival during nutrient starvation. EMBO Reports, 2009, 10, 173-179.	2.0	277
71	Chapter 25 Detachmentâ€Induced Autophagy In Threeâ€Dimensional Epithelial Cell Cultures. Methods in Enzymology, 2009, 452, 423-439.	0.4	13
72	A computational approach to resolve cell level contributions to early glandular epithelial cancer progression. BMC Systems Biology, 2009, 3, 122.	3.0	25

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73	Extracellular matrix regulation of autophagy. Current Opinion in Cell Biology, 2008, 20, 583-588.	2.6	148
74	Modeling Morphogenesis and Oncogenesis in Three-Dimensional Breast Epithelial Cultures. Annual Review of Pathology: Mechanisms of Disease, 2008, 3, 313-339.	9.6	113
75	Genetic interactions betweenDrosophila melanogasterAtg1 and paxillin reveal a role for paxillin in autophagosome formation. Autophagy, 2008, 4, 37-45.	4.3	56
76	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
77	Induction of Autophagy during Extracellular Matrix Detachment Promotes Cell Survival. Molecular Biology of the Cell, 2008, 19, 797-806.	0.9	499
78	Detachment-induced autophagy duringanoikisand lumen formation in epithelial acini. Autophagy, 2008, 4, 351-353.	4.3	66
79	The Dual Roles for Autophagy in Cell Death and Survival. , 2006, , 105-126.		0
80	Modelling glandular epithelial cancers in three-dimensional cultures. Nature Reviews Cancer, 2005, 5, 675-688.	12.8	929
81	Does Autophagy Contribute To Cell Death?. Autophagy, 2005, 1, 66-74.	4.3	405
82	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) is required for induction of autophagy during lumen formation in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3438-3443.	3.3	245
83	Autocrine CSF-1R activation promotes Src-dependent disruption of mammary epithelial architecture. Journal of Cell Biology, 2004, 165, 263-273.	2.3	103
84	Integrins and EGFR coordinately regulate the pro-apoptotic protein Bim to prevent anoikis. Nature Cell Biology, 2003, 5, 733-740.	4.6	481
85	Morphogenesis and oncogenesis of MCF-10A mammary epithelial acini grown in three-dimensional basement membrane cultures. Methods, 2003, 30, 256-268.	1.9	1,715
86	Akt activation disrupts mammary acinar architecture and enhances proliferation in an mTOR-dependent manner. Journal of Cell Biology, 2003, 163, 315-326.	2.3	141
87	The Role of Apoptosis in Creating and Maintaining Luminal Space within Normal and Oncogene-Expressing Mammary Acini. Cell, 2002, 111, 29-40.	13.5	742
88	Requirements for activation and RAFT localization of the T-lymphocyte kinase Rlk/Txk. BMC Immunology, 2001, 2, 3.	0.9	40
89	Tec Family Kinases Modulate Thresholds for Thymocyte Development and Selection. Journal of Experimental Medicine, 2000, 192, 987-1000.	4.2	119
90	Requirement for Tec Kinases Rlk and Itk in T Cell Receptor Signaling and Immunity. Science, 1999, 284, 638-641.	6.0	373