

## List of Publications by Year in descending order

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	4.3	2,064
4	Morphogenesis and oncogenesis of MCF-10A mammary epithelial acini grown in three-dimensional basement membrane cultures. <i>Methods</i> , 2003, 30, 256-268.	1.9	1,715
5	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
6	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	3.5	1,012
7	Modelling glandular epithelial cancers in three-dimensional cultures. <i>Nature Reviews Cancer</i> , 2005, 5, 675-688.	12.8	929
8	Autophagy at the crossroads of catabolism and anabolism. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 461-472.	16.1	778
9	The Role of Apoptosis in Creating and Maintaining Luminal Space within Normal and Oncogene-Expressing Mammary Acini. <i>Cell</i> , 2002, 111, 29-40.	13.5	742
10	Autophagy promotes immune evasion of pancreatic cancer by degrading MHC-I. <i>Nature</i> , 2020, 581, 100-105.	13.7	628
11	Targeting Autophagy in Cancer: Recent Advances and Future Directions. <i>Cancer Discovery</i> , 2019, 9, 1167-1181.	7.7	579
12	FOXO3A directs a protective autophagy program in haematopoietic stem cells. <i>Nature</i> , 2013, 494, 323-327.	13.7	518
13	Induction of Autophagy during Extracellular Matrix Detachment Promotes Cell Survival. <i>Molecular Biology of the Cell</i> , 2008, 19, 797-806.	0.9	499
14	Integrins and EGFR coordinately regulate the pro-apoptotic protein Bim to prevent anoikis. <i>Nature Cell Biology</i> , 2003, 5, 733-740.	4.6	481
15	Autophagy as a Stress-Response and Quality-Control Mechanism: Implications for Cell Injury and Human Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2013, 8, 105-137.	9.6	461
16	Autophagy facilitates glycolysis during Ras-mediated oncogenic transformation. <i>Molecular Biology of the Cell</i> , 2011, 22, 165-178.	0.9	419
17	Does Autophagy Contribute To Cell Death?. <i>Autophagy</i> , 2005, 1, 66-74.	4.3	405
18	Requirement for Tec Kinases Rlk and Itk in T Cell Receptor Signaling and Immunity. <i>Science</i> , 1999, 284, 638-641.	6.0	373

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19	Unique role for ATG5 in neutrophil-mediated immunopathology during <i>M. tuberculosis</i> infection. <i>Nature</i> , 2015, 528, 565-569.	13.7	317
20	Autophagy and the cell biology of age-related disease. <i>Nature Cell Biology</i> , 2018, 20, 1338-1348.	4.6	312
21	The LC3-conjugation machinery specifies the loading of RNA-binding proteins into extracellular vesicles. <i>Nature Cell Biology</i> , 2020, 22, 187-199.	4.6	300
22	Beige Adipocyte Maintenance Is Regulated by Autophagy-Induced Mitochondrial Clearance. <i>Cell Metabolism</i> , 2016, 24, 402-419.	7.2	282
23	PLIC proteins or ubiquilins regulate autophagy-dependent cell survival during nutrient starvation. <i>EMBO Reports</i> , 2009, 10, 173-179.	2.0	277
24	Autophagy and metastasis: another double-edged sword. <i>Current Opinion in Cell Biology</i> , 2010, 22, 241-245.	2.6	276
25	A comprehensive glossary of autophagy-related molecules and processes (2 <sup>nd</sup> edition). <i>Autophagy</i> , 2011, 7, 1273-1294.	4.3	255
26	Akt and Autophagy Cooperate to Promote Survival of Drug-Resistant Glioma. <i>Science Signaling</i> , 2010, 3, ra81.	1.6	253
27	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) is required for induction of autophagy during lumen formation in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3438-3443.	3.3	245
28	PERK Integrates Autophagy and Oxidative Stress Responses To Promote Survival during Extracellular Matrix Detachment. <i>Molecular and Cellular Biology</i> , 2011, 31, 3616-3629.	1.1	243
29	ATG12 Conjugation to ATG3 Regulates Mitochondrial Homeostasis and Cell Death. <i>Cell</i> , 2010, 142, 590-600.	13.5	241
30	Autophagy-Dependent Production of Secreted Factors Facilitates Oncogenic RAS-Driven Invasion. <i>Cancer Discovery</i> , 2014, 4, 466-479.	7.7	231
31	ATG12-ATG3 interacts with Alix to promote basal autophagic flux and late endosome function. <i>Nature Cell Biology</i> , 2015, 17, 300-310.	4.6	226
32	Cellular and metabolic functions for autophagy in cancer cells. <i>Trends in Cell Biology</i> , 2015, 25, 37-45.	3.6	207
33	Autophagy inhibition and antimalarials promote cell death in gastrointestinal stromal tumor (GIST). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14333-14338.	3.3	194
34	Autophagy and tumorigenesis. <i>FEBS Letters</i> , 2010, 584, 1427-1435.	1.3	193
35	Extracellular matrix regulation of autophagy. <i>Current Opinion in Cell Biology</i> , 2008, 20, 583-588.	2.6	148
36	Akt activation disrupts mammary acinar architecture and enhances proliferation in an mTOR-dependent manner. <i>Journal of Cell Biology</i> , 2003, 163, 315-326.	2.3	141

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37	Inflammatory signaling cascades and autophagy in cancer. <i>Autophagy</i> , 2018, 14, 190-198.	4.3	137
38	NBR1 enables autophagy-dependent focal adhesion turnover. <i>Journal of Cell Biology</i> , 2016, 212, 577-590.	2.3	131
39	Tec Family Kinases Modulate Thresholds for Thymocyte Development and Selection. <i>Journal of Experimental Medicine</i> , 2000, 192, 987-1000.	4.2	119
40	Autophagy and Tumorigenesis. <i>Seminars in Immunopathology</i> , 2010, 32, 383-396.	2.8	118
41	Autophagy-Dependent Shuttling of TBC1D5 Controls Plasma Membrane Translocation of GLUT1 and Glucose Uptake. <i>Molecular Cell</i> , 2017, 67, 84-95.e5.	4.5	115
42	Modeling Morphogenesis and Oncogenesis in Three-Dimensional Breast Epithelial Cultures. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2008, 3, 313-339.	9.6	113
43	Autophagy and Cancer Metabolism. <i>Methods in Enzymology</i> , 2014, 542, 25-57.	0.4	108
44	Autocrine CSF-1R activation promotes Src-dependent disruption of mammary epithelial architecture. <i>Journal of Cell Biology</i> , 2004, 165, 263-273.	2.3	103
45	Beyond self-eating: The control of nonautophagic functions and signaling pathways by autophagy-related proteins. <i>Journal of Cell Biology</i> , 2018, 217, 813-822.	2.3	92
46	Autophagy suppression promotes apoptotic cell death in response to inhibition of the PI3K-mTOR pathway in pancreatic adenocarcinoma. <i>Journal of Molecular Medicine</i> , 2011, 89, 877-889.	1.7	90
47	Regulation of Tumor Cell Dormancy by Tissue Microenvironments and Autophagy. <i>Advances in Experimental Medicine and Biology</i> , 2013, 734, 73-89.	0.8	86
48	Autophagy in adhesion and migration. <i>Journal of Cell Science</i> , 2016, 129, 3685-3693.	1.2	86
49	Autophagic Degradation of NBR1 Restricts Metastatic Outgrowth during Mammary Tumor Progression. <i>Developmental Cell</i> , 2020, 52, 591-604.e6.	3.1	75
50	Loss of Atg12, but not Atg5, in pro-opiomelanocortin neurons exacerbates diet-induced obesity. <i>Autophagy</i> , 2015, 11, 145-54.	4.3	74
51	Beyond Autophagy: The Expanding Roles of ATG8 Proteins. <i>Trends in Biochemical Sciences</i> , 2021, 46, 673-686.	3.7	68
52	The Multifaceted Roles of Autophagy in Tumors—Implications for Breast Cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2011, 16, 173-187.	1.0	67
53	Antitumor adaptive immunity remains intact following inhibition of autophagy and antimalarial treatment. <i>Journal of Clinical Investigation</i> , 2016, 126, 4417-4429.	3.9	67
54	Detachment-induced autophagy during anoikis and lumen formation in epithelial acini. <i>Autophagy</i> , 2008, 4, 351-353.	4.3	66

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55	The Interconnections between Autophagy and Integrin-Mediated Cell Adhesion. <i>Journal of Molecular Biology</i> , 2017, 429, 515-530.	2.0	66
56	Clinical Utility of LC3 and p62 Immunohistochemistry in Diagnosis of Drug-Induced Autophagic Vacuolar Myopathies: A Case-Control Study. <i>PLoS ONE</i> , 2012, 7, e36221.	1.1	64
57	I $\kappa$ B kinase complex (IKK) triggers detachment-induced autophagy in mammary epithelial cells independently of the PI3K-AKT-MTORC1 pathway. <i>Autophagy</i> , 2013, 9, 1214-1227.	4.3	64
58	An ATG16L1-dependent pathway promotes plasma membrane repair and limits <i>Listeria monocytogenes</i> cell-to-cell spread. <i>Nature Microbiology</i> , 2018, 3, 1472-1485.	5.9	57
59	Genetic interactions between <i>Drosophila melanogaster</i> Atg1 and paxillin reveal a role for paxillin in autophagosome formation. <i>Autophagy</i> , 2008, 4, 37-45.	4.3	56
60	Secretory autophagy maintains proteostasis upon lysosome inhibition. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	51
61	Unraveling the mechanisms that specify molecules for secretion in extracellular vesicles. <i>Methods</i> , 2020, 177, 15-26.	1.9	50
62	Ubiquitination and proteasomal degradation of ATG12 regulates its proapoptotic activity. <i>Autophagy</i> , 2014, 10, 2269-2278.	4.3	48
63	Emerging roles for the autophagy machinery in extracellular vesicle biogenesis and secretion. <i>FASEB BioAdvances</i> , 2021, 3, 377-386.	1.3	44
64	Requirements for activation and RAFT localization of the T-lymphocyte kinase Rlk/Txk. <i>BMC Immunology</i> , 2001, 2, 3.	0.9	40
65	Ironing out VPS34 inhibition. <i>Nature Cell Biology</i> , 2015, 17, 1-3.	4.6	36
66	A computational approach to resolve cell level contributions to early glandular epithelial cancer progression. <i>BMC Systems Biology</i> , 2009, 3, 122.	3.0	25
67	Autophagy in stromal fibroblasts promotes tumor desmoplasia and mammary tumorigenesis. <i>Genes and Development</i> , 2021, 35, 963-975.	2.7	25
68	LC3-dependent extracellular vesicle loading and secretion (LDELS). <i>Autophagy</i> , 2020, 16, 1162-1163.	4.3	24
69	The pleiotropic functions of autophagy in metastasis. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	23
70	Cyclic AMP regulates formation of mammary epithelial acini in vitro. <i>Molecular Biology of the Cell</i> , 2012, 23, 2973-2981.	0.9	21
71	A computationally engineered RAS rheostat reveals RAS-ERK signaling dynamics. <i>Nature Chemical Biology</i> , 2017, 13, 119-126.	3.9	21
72	Therapeutic implications of autophagy-mediated cell survival in gastrointestinal stromal tumor after treatment with imatinib mesylate. <i>Autophagy</i> , 2010, 6, 1190-1191.	4.3	20

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73	ATG12â€™ATG3 and mitochondria. <i>Autophagy</i> , 2011, 7, 109-111.	4.3	19
74	Computational investigation of epithelial cell dynamic phenotype in vitro. <i>Theoretical Biology and Medical Modelling</i> , 2009, 6, 8.	2.1	17
75	Autophagy-independent senescence and genome instability driven by targeted telomere dysfunction. <i>Autophagy</i> , 2015, 11, 527-537.	4.3	17
76	Targeting Chaperone-Mediated Autophagy in Cancer. <i>Science Translational Medicine</i> , 2011, 3, 109ps45.	5.8	15
77	Ras, autophagy and glycolysis. <i>Cell Cycle</i> , 2011, 10, 1516-1517.	1.3	14
78	Chapter 25 Detachmentâ€™Induced Autophagy In Threeâ€™Dimensional Epithelial Cell Cultures. <i>Methods in Enzymology</i> , 2009, 452, 423-439.	0.4	13
79	Atg12â€™Atg3 Coordinates Basal Autophagy, Endolysosomal Trafficking, and Exosome Release. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1039191.	0.3	13
80	A suppression switch. <i>Nature</i> , 2013, 504, 225-226.	13.7	8
81	Ribosome profiling reveals a functional role for autophagy in mRNA translational control. <i>Communications Biology</i> , 2020, 3, 388.	2.0	8
82	Autophagy in PDGFRÎ±+ mesenchymal cells is essential for intestinal stem cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2202016119.	3.3	8
83	A Nuclear Option That Initiates Autophagy. <i>Molecular Cell</i> , 2015, 57, 393-395.	4.5	6
84	Autophagy in host stromal fibroblasts supports tumor desmoplasia. <i>Autophagy</i> , 2021, 17, 4497-4498.	4.3	6
85	At the crossroads of autophagy and infection: Noncanonical roles for ATG proteins in viral replication. <i>Journal of Cell Biology</i> , 2016, 214, 503-505.	2.3	5
86	Autophagy Devours the Nuclear Lamina to Thwart Oncogenic Stress. <i>Developmental Cell</i> , 2015, 35, 529-530.	3.1	4
87	Unconventional secretion: cargo channeling by TMED10. <i>Cell Research</i> , 2020, 30, 713-714.	5.7	4
88	Secretory autophagy during lysosome inhibition (SALI). <i>Autophagy</i> , 2022, 18, 2498-2499.	4.3	4
89	GRASP55 restricts early-stage autophagy and regulates spatial organization of the early secretory network. <i>Biology Open</i> , 2021, 10, .	0.6	2
90	The Dual Roles for Autophagy in Cell Death and Survival. , 2006, , 105-126.		0