

List of Publications by Year
in descending order

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Version: 2024-02-01

90
papers

27,615
citations

26630

56
h-index

48315

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). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	9.1	2,064
4	Morphogenesis and oncogenesis of MCF-10A mammary epithelial acini grown in three-dimensional basement membrane cultures. Methods, 2003, 30, 256-268.	3.8	1,715
5	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	7.8	1,230
6	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	7.8	1,012
7	Modelling glandular epithelial cancers in three-dimensional cultures. Nature Reviews Cancer, 2005, 5, 675-688.	28.4	929
8	Autophagy at the crossroads of catabolism and anabolism. Nature Reviews Molecular Cell Biology, 2015, 16, 461-472.	37.0	778
9	The Role of Apoptosis in Creating and Maintaining Luminal Space within Normal and Oncogene-Expressing Mammary Acini. Cell, 2002, 111, 29-40.	28.9	742
10	Autophagy promotes immune evasion of pancreatic cancer by degrading MHC-I. Nature, 2020, 581, 100-105.	27.8	628
11	Targeting Autophagy in Cancer: Recent Advances and Future Directions. Cancer Discovery, 2019, 9, 1167-1181.	9.4	579
12	FOXO3A directs a protective autophagy program in haematopoietic stem cells. Nature, 2013, 494, 323-327.	27.8	518
13	Induction of Autophagy during Extracellular Matrix Detachment Promotes Cell Survival. Molecular Biology of the Cell, 2008, 19, 797-806.	2.1	499
14	Integrins and EGFR coordinately regulate the pro-apoptotic protein Bim to prevent anoikis. Nature Cell Biology, 2003, 5, 733-740.	10.3	481
15	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.	22.4	461
16	Autophagy facilitates glycolysis during Ras-mediated oncogenic transformation. Molecular Biology of the Cell, 2011, 22, 165-178.	2.1	419
17	Does Autophagy Contribute To Cell Death?. Autophagy, 2005, 1, 66-74.	9.1	405
18	Requirement for Tec Kinases Rlk and Itk in T Cell Receptor Signaling and Immunity. Science, 1999, 284, 638-641.	12.6	373

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19	Unique role for ATG5 in neutrophil-mediated immunopathology during M. tuberculosis infection. Nature, 2015, 528, 565-569.	27.8	317
20	Autophagy and the cell biology of age-related disease. Nature Cell Biology, 2018, 20, 1338-1348.	10.3	312
21	The LC3-conjugation machinery specifies the loading of RNA-binding proteins into extracellular vesicles. Nature Cell Biology, 2020, 22, 187-199.	10.3	300
22	Beige Adipocyte Maintenance Is Regulated by Autophagy-Induced Mitochondrial Clearance. Cell Metabolism, 2016, 24, 402-419.	16.2	282
23	PLIC proteins or ubiquilins regulate autophagy-dependent cell survival during nutrient starvation. EMBO Reports, 2009, 10, 173-179.	4.5	277
24	Autophagy and metastasis: another double-edged sword. Current Opinion in Cell Biology, 2010, 22, 241-245.	5.4	276
25	A comprehensive glossary of autophagy-related molecules and processes (2 nd edition). Autophagy, 2011, 7, 1273-1294.	9.1	255
26	Akt and Autophagy Cooperate to Promote Survival of Drug-Resistant Glioma. Science Signaling, 2010, 3, ra81.	3.6	253
27	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.	7.1	245
28	PERK Integrates Autophagy and Oxidative Stress Responses To Promote Survival during Extracellular Matrix Detachment. Molecular and Cellular Biology, 2011, 31, 3616-3629.	2.3	243
29	ATG12 Conjugation to ATG3 Regulates Mitochondrial Homeostasis and Cell Death. Cell, 2010, 142, 590-600.	28.9	241
30	Autophagy-Dependent Production of Secreted Factors Facilitates Oncogenic RAS-Driven Invasion. Cancer Discovery, 2014, 4, 466-479.	9.4	231
31	ATG12-ATG3 interacts with Alix to promote basal autophagic flux and late endosome function. Nature Cell Biology, 2015, 17, 300-310.	10.3	226
32	Cellular and metabolic functions for autophagy in cancer cells. Trends in Cell Biology, 2015, 25, 37-45.	7.9	207
33	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.	7.1	194
34	Autophagy and tumorigenesis. FEBS Letters, 2010, 584, 1427-1435.	2.8	193
35	Extracellular matrix regulation of autophagy. Current Opinion in Cell Biology, 2008, 20, 583-588.	5.4	148
36	Akt activation disrupts mammary acinar architecture and enhances proliferation in an mTOR-dependent manner. Journal of Cell Biology, 2003, 163, 315-326.	5.2	141

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37	Inflammatory signaling cascades and autophagy in cancer. <i>Autophagy</i> , 2018, 14, 190-198.	9.1	137
38	NBR1 enables autophagy-dependent focal adhesion turnover. <i>Journal of Cell Biology</i> , 2016, 212, 577-590.	5.2	131
39	Tec Family Kinases Modulate Thresholds for Thymocyte Development and Selection. <i>Journal of Experimental Medicine</i> , 2000, 192, 987-1000.	8.5	119
40	Autophagy and Tumorigenesis. <i>Seminars in Immunopathology</i> , 2010, 32, 383-396.	6.1	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.	9.7	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.	22.4	113
43	Autophagy and Cancer Metabolism. <i>Methods in Enzymology</i> , 2014, 542, 25-57.	1.0	108
44	Autocrine CSF-1R activation promotes Src-dependent disruption of mammary epithelial architecture. <i>Journal of Cell Biology</i> , 2004, 165, 263-273.	5.2	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.	5.2	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.	3.9	90
47	Regulation of Tumor Cell Dormancy by Tissue Microenvironments and Autophagy. <i>Advances in Experimental Medicine and Biology</i> , 2013, 734, 73-89.	1.6	86
48	Autophagy in adhesion and migration. <i>Journal of Cell Science</i> , 2016, 129, 3685-3693.	2.0	86
49	Autophagic Degradation of NBR1 Restricts Metastatic Outgrowth during Mammary Tumor Progression. <i>Developmental Cell</i> , 2020, 52, 591-604.e6.	7.0	75
50	Loss of Atg12, but not Atg5, in pro-opiomelanocortin neurons exacerbates diet-induced obesity. <i>Autophagy</i> , 2015, 11, 145-54.	9.1	74
51	Beyond Autophagy: The Expanding Roles of ATG8 Proteins. <i>Trends in Biochemical Sciences</i> , 2021, 46, 673-686.	7.5	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.	2.7	67
53	Antitumor adaptive immunity remains intact following inhibition of autophagy and antimalarial treatment. <i>Journal of Clinical Investigation</i> , 2016, 126, 4417-4429.	8.2	67
54	Detachment-induced autophagy during anoikis and lumen formation in epithelial acini. <i>Autophagy</i> , 2008, 4, 351-353.	9.1	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.	4.2	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.	2.5	64
57	I κ 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.	9.1	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.	13.3	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.	9.1	56
60	Secretory autophagy maintains proteostasis upon lysosome inhibition. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	51
61	Unraveling the mechanisms that specify molecules for secretion in extracellular vesicles. <i>Methods</i> , 2020, 177, 15-26.	3.8	50
62	Ubiquitination and proteasomal degradation of ATG12 regulates its proapoptotic activity. <i>Autophagy</i> , 2014, 10, 2269-2278.	9.1	48
63	Emerging roles for the autophagy machinery in extracellular vesicle biogenesis and secretion. <i>FASEB BioAdvances</i> , 2021, 3, 377-386.	2.4	44
64	Requirements for activation and RAFT localization of the T-lymphocyte kinase Rlk/Txk. <i>BMC Immunology</i> , 2001, 2, 3.	2.2	40
65	Ironing out VPS34 inhibition. <i>Nature Cell Biology</i> , 2015, 17, 1-3.	10.3	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.	5.9	25
68	LC3-dependent extracellular vesicle loading and secretion (LDELS). <i>Autophagy</i> , 2020, 16, 1162-1163.	9.1	24
69	The pleiotropic functions of autophagy in metastasis. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	23
70	Cyclic AMP regulates formation of mammary epithelial acini in vitro. <i>Molecular Biology of the Cell</i> , 2012, 23, 2973-2981.	2.1	21
71	A computationally engineered RAS rheostat reveals RAS-ERK signaling dynamics. <i>Nature Chemical Biology</i> , 2017, 13, 119-126.	8.0	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.	9.1	20

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73	ATG12â€“ATG3 and mitochondria. Autophagy, 2011, 7, 109-111.	9.1	19
74	Computational investigation of epithelial cell dynamic phenotype in vitro. Theoretical Biology and Medical Modelling, 2009, 6, 8.	2.1	17
75	Autophagy-independent senescence and genome instability driven by targeted telomere dysfunction. Autophagy, 2015, 11, 527-537.	9.1	17
76	Targeting Chaperone-Mediated Autophagy in Cancer. Science Translational Medicine, 2011, 3, 109ps45.	12.4	15
77	Ras, autophagy and glycolysis. Cell Cycle, 2011, 10, 1516-1517.	2.6	14
78	Chapter 25 Detachmentâ€“Induced Autophagy In Threeâ€“Dimensional Epithelial Cell Cultures. Methods in Enzymology, 2009, 452, 423-439.	1.0	13
79	Atg12â€“Atg3 Coordinates Basal Autophagy, Endolysosomal Trafficking, and Exosome Release. Molecular and Cellular Oncology, 2018, 5, e1039191.	0.7	13
80	A suppression switch. Nature, 2013, 504, 225-226.	27.8	8
81	Ribosome profiling reveals a functional role for autophagy in mRNA translational control. Communications Biology, 2020, 3, 388.	4.4	8
82	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.	7.1	8
83	A Nuclear Option That Initiates Autophagy. Molecular Cell, 2015, 57, 393-395.	9.7	6
84	Autophagy in host stromal fibroblasts supports tumor desmoplasia. Autophagy, 2021, 17, 4497-4498.	9.1	6
85	At the crossroads of autophagy and infection: Noncanonical roles for ATG proteins in viral replication. Journal of Cell Biology, 2016, 214, 503-505.	5.2	5
86	Autophagy Devours the Nuclear Lamina to Thwart Oncogenic Stress. Developmental Cell, 2015, 35, 529-530.	7.0	4
87	Unconventional secretion: cargo channeling by TMED10. Cell Research, 2020, 30, 713-714.	12.0	4
88	Secretory autophagy during lysosome inhibition (SALI). Autophagy, 2022, 18, 2498-2499.	9.1	4
89	GRASP55 restricts early-stage autophagy and regulates spatial organization of the early secretory network. Biology Open, 2021, 10, .	1.2	2
90	The Dual Roles for Autophagy in Cell Death and Survival. , 2006, , 105-126.		0