## The machinery of macroautophagy

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Citation Report

#	Article	IF	CITATIONS
1	Autophagy and senescence in cancer therapy. Journal of Cellular Physiology, 2013, 229, n/a-n/a.	4.1	87
2	Phosphatidylinositol 3-kinase and COPII generate LC3 lipidation vesicles from the ER-Golgi intermediate compartment. ELife, 2014, 3, e04135.	6.0	168
3	Functional Interactions between 17 <i>β</i> -Estradiol and Progesterone Regulate Autophagy during Acini Formation by Bovine Mammary Epithelial Cells in 3D Cultures. BioMed Research International, 2014, 2014, 1-16.	1.9	24
4	The Role of the Selective Adaptor p62 and Ubiquitin-Like Proteins in Autophagy. BioMed Research International, 2014, 2014, 1-11.	1.9	267
5	Degradation of Organelles or Specific Organelle Components via Selective Autophagy in Plant Cells. International Journal of Molecular Sciences, 2014, 15, 7624-7638.	4.1	50
6	Selective autophagy of non-ubiquitylated targets in plants: looking for cognate receptor/adaptor proteins. Frontiers in Plant Science, 2014, 5, 308.	3.6	29
7	Epigenetic Control of Autophagy by MicroRNAs in Ovarian Cancer. BioMed Research International, 2014, 2014, 1-11.	1.9	26
8	BPIFB3 Regulates Autophagy and Coxsackievirus B Replication through a Noncanonical Pathway Independent of the Core Initiation Machinery. MBio, 2014, 5, e02147.	4.1	32
9	Chemical Synthesis and Biological Function of Lipidated Proteins. Topics in Current Chemistry, 2014, 362, 137-182.	4.0	12
10	The Autophagic Response to Radiation: Relevance for Radiation Sensitization in Cancer Therapy. Radiation Research, 2014, 182, 363-367.	1.5	36
11	Sestrin2 promotes Uncâ€51â€like kinase 1 mediated phosphorylation of p62/sequestosomeâ€1. FEBS Journal, 2014, 281, 3816-3827.	4.7	93
12	O-GlcNAc-modification of SNAP-29 regulates autophagosome maturation. Nature Cell Biology, 2014, 16, 1215-1226.	10.3	232
13	The Filamentous Fungus Sordaria macrospora as a Genetic Model to Study Fruiting Body Development. Advances in Genetics, 2014, 87, 199-244.	1.8	54
14	Novel alleles of the <i>Drosophila LRRK2</i> homolog reveal a crucial role in endolysosomal functions and autophagy <i>in vivo</i> . DMM Disease Models and Mechanisms, 2014, 7, 1351-63.	2.4	57
15	Molecular regulation of autophagy and its implications for metabolic diseases. Current Opinion in Clinical Nutrition and Metabolic Care, 2014, 17, 329-337.	2.5	47
16	Autophagy in Autoimmunity. , 2014, , 257-262.		0
17	Autophagy and ethanol neurotoxicity. Autophagy, 2014, 10, 2099-2108.	9.1	106
18	REDD1 attenuates cardiac hypertrophy via enhancing autophagy. Biochemical and Biophysical Research Communications, 2014, 454, 215-220.	2.1	32

TITATION REDORT

#	Article	IF	CITATIONS
19	Epstein-Barr Virus Blocks the Autophagic Flux and Appropriates the Autophagic Machinery To Enhance Viral Replication. Journal of Virology, 2014, 88, 12715-12726.	3.4	119
20	Autophagic Clearance of PolyQ Proteins Mediated by Ubiquitin-Atg8 Adaptors of the Conserved CUET Protein Family. Cell, 2014, 158, 549-563.	28.9	285
21	Caloric restriction mimetics: towards a molecular definition. Nature Reviews Drug Discovery, 2014, 13, 727-740.	46.4	200
22	Organellophagy: Eliminating cellular building blocks via selective autophagy. Journal of Cell Biology, 2014, 205, 435-445.	5.2	181
23	Zinc and autophagy. BioMetals, 2014, 27, 1087-1096.	4.1	65
24	Pharmacological regulators of autophagy and their link with modulators of lupus disease. British Journal of Pharmacology, 2014, 171, 4337-4359.	5.4	50
25	An autophagic switch in the response of tumor cells to radiation and chemotherapy. Biochemical Pharmacology, 2014, 90, 208-211.	4.4	40
26	Insulin Regulation of Myocardial Autophagy. Circulation Journal, 2014, 78, 2569-2576.	1.6	29
27	Postâ€ŧranslationallyâ€nodified structures in the autophagy machinery: an integrative perspective. FEBS Journal, 2015, 282, 3474-3488.	4.7	39
28	Carbon ions induce autophagy effectively through stimulating the unfolded protein response and subsequent inhibiting Akt phosphorylation in tumor cells. Scientific Reports, 2015, 5, 13815.	3.3	30
29	Mito-protective autophagy is impaired in erythroid cells of aged mtDNA-mutator mice. Blood, 2015, 125, 162-174.	1.4	53
30	Parallel damage in mitochondrial and lysosomal compartments promotes efficient cell death with autophagy: The case of the pentacyclic triterpenoids. Scientific Reports, 2015, 5, 12425.	3.3	30
31	Defective autophagy is a key feature of cerebral cavernous malformations. EMBO Molecular Medicine, 2015, 7, 1403-1417.	6.9	109
32	Tetrandrine is a potent cell autophagy agonist via activated intracellular reactive oxygen species. Cell and Bioscience, 2015, 5, 4.	4.8	40
33	The Role of Organelle Stresses in Diabetes Mellitus and Obesity: Implication for Treatment. Analytical Cellular Pathology, 2015, 2015, 1-14.	1.4	12
34	Autophagy-Related Deubiquitinating Enzymes Involved in Health and Disease. Cells, 2015, 4, 596-621.	4.1	40
35	Regulation of B Cell Differentiation by Intracellular Membrane-Associated Proteins and microRNAs: Role in the Antibody Response. Frontiers in Immunology, 2015, 6, 537.	4.8	15
36	Mitochondria-Associated Endoplasmic Reticulum Membranes Microenvironment: Targeting Autophagic and Apoptotic Pathways in Cancer Therapy. Frontiers in Oncology, 2015, 5, 173.	2.8	53

#	Article	IF	CITATIONS
37	A Role for Macro-ER-Phagy in ER Quality Control. PLoS Genetics, 2015, 11, e1005390.	3.5	68
38	Interference with the Autophagic Process as a Viral Strategy to Escape from the Immune Control: Lesson from Gamma Herpesviruses. Journal of Immunology Research, 2015, 2015, 1-9.	2.2	17
39	Cellular and Molecular Connections between Autophagy and Inflammation. Mediators of Inflammation, 2015, 2015, 1-13.	3.0	129
40	Lysosomal sequestration of hydrophobic weak base chemotherapeutics triggers lysosomal biogenesis and lysosome-dependent cancer multidrug resistance. Oncotarget, 2015, 6, 1143-1156.	1.8	171
41	Exploiting the potential of autophagy in cisplatin therapy: A new strategy to overcome resistance. Oncotarget, 2015, 6, 15551-15565.	1.8	43
42	Structure of the Atg101–Atg13 complex reveals essential roles of Atg101 in autophagy initiation. Nature Structural and Molecular Biology, 2015, 22, 572-580.	8.2	94
43	Identification of glucoseâ€6â€phosphate transporter as a key regulator functioning at the autophagy initiation step. FEBS Letters, 2015, 589, 2100-2109.	2.8	9
44	Autophagy in cellular metabolism and cancer. Journal of Clinical Investigation, 2015, 125, 47-54.	8.2	173
45	The Wnt Signaling Antagonist Dapper1 Accelerates Dishevelled2 Degradation via Promoting Its Ubiquitination and Aggregate-induced Autophagy. Journal of Biological Chemistry, 2015, 290, 12346-12354.	3.4	35
46	Development of fluorescent peptide substrates and assays for the key autophagy-initiating cysteine protease enzyme, ATG4B. Bioorganic and Medicinal Chemistry, 2015, 23, 3237-3247.	3.0	35
47	The PRKAA1/AMPKα1 pathway triggers autophagy during CSF1-induced human monocyte differentiation and is a potential target in CMML. Autophagy, 2015, 11, 1114-1129.	9.1	86
48	To beat or not to beat: degradation of Cx43 imposes the heart rhythm. Biochemical Society Transactions, 2015, 43, 476-481.	3.4	19
49	Atg41/Icy2 regulates autophagosome formation. Autophagy, 2015, 11, 2288-2299.	9.1	88
50	Threonine-408 Regulates the Stability of Human Pregnane X Receptor through Its Phosphorylation and the CHIP/Chaperone-Autophagy Pathway. Drug Metabolism and Disposition, 2015, 44, 137-150.	3.3	15
51	Structural Basis of the Differential Function of the Two C.Âelegans Atg8 Homologs, LGG-1 and LGG-2, in Autophagy. Molecular Cell, 2015, 60, 914-929.	9.7	77
52	Myelinophagy: Schwann cells dine in. Journal of Cell Biology, 2015, 210, 9-10.	5.2	14
53	Lysosome-Associated Membrane Proteins (LAMP) Maintain Pancreatic Acinar Cell Homeostasis: LAMP-2–Deficient Mice Develop Pancreatitis. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 678-694.	4.5	95
54	EXPO and Autophagosomes are Distinct Organelles in Plants. Plant Physiology, 2015, 169, pp.00953.2015.	4.8	43

#	ARTICLE	IF	CITATIONS
55	WIPI proteins: essential PtdIns3 <i>P</i> effectors at the nascent autophagosome. Journal of Cell Science, 2015, 128, 207-17.	2.0	214
56	V-ATPase and osmotic imbalances activate endolysosomal LC3 lipidation. Autophagy, 2015, 11, 88-99.	9.1	160
57	Autophagic flux determination in vivo and ex vivo. Methods, 2015, 75, 79-86.	3.8	76
59	Integrating autophagy and metabolism in cancer. Archives of Pharmacal Research, 2015, 38, 358-371.	6.3	32
60	Organelle autoregulationstress responses in the ER, Golgi, mitochondria and lysosome. Journal of Biochemistry, 2015, 157, 185-195.	1.7	92
61	Protein Quality Control and Metabolism: Bidirectional Control in the Heart. Cell Metabolism, 2015, 21, 215-226.	16.2	69
62	Teaching the basics of autophagy and mitophagy to redox biologists—Mechanisms and experimental approaches. Redox Biology, 2015, 4, 242-259.	9.0	103
63	Autophagy in lung disease pathogenesis and therapeutics. Redox Biology, 2015, 4, 215-225.	9.0	110
64	Autophagy in Vascular Disease. Circulation Research, 2015, 116, 468-479.	4.5	236
65	Untangling knots between autophagic targets and candidate drugs, in cancer therapy. Cell Proliferation, 2015, 48, 119-139.	5.3	9
66	Autophagy and Ubiquitination in Cardiovascular Diseases. DNA and Cell Biology, 2015, 34, 243-251.	1.9	25
67	The yeast Saccharomyces cerevisiae: An overview of methods to study autophagy progression. Methods, 2015, 75, 3-12.	3.8	46
68	A Kinase-Independent Role for EGF Receptor in Autophagy Initiation. Cell, 2015, 160, 145-160.	28.9	194
69	Screening methods for AMP-activated protein kinase modulators: a patent review. Expert Opinion on Therapeutic Patents, 2015, 25, 261-277.	5.0	11
70	Defective autophagy in vascular smooth muscle cells alters contractility and Ca <sup>2+</sup> homeostasis in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H557-H567.	3.2	50
71	How to control self-digestion: transcriptional, post-transcriptional, and post-translational regulation of autophagy. Trends in Cell Biology, 2015, 25, 354-363.	7.9	283
72	Autophagy in glaucoma: Crosstalk with apoptosis and its implications. Brain Research Bulletin, 2015, 117, 1-9.	3.0	46
73	Altered TFEB-mediated lysosomal biogenesis in Gaucher disease iPSC-derived neuronal cells. Human Molecular Genetics, 2015, 24, 5775-5788.	2.9	102

#	Article	IF	CITATIONS
74	Neuronal death after perinatal cerebral hypoxiaâ€ischemia: Focus on autophagy—mediated cell death. International Journal of Developmental Neuroscience, 2015, 45, 75-85.	1.6	71
75	Schwann cell autophagy, myelinophagy, initiates myelin clearance from injured nerves. Journal of Cell Biology, 2015, 210, 153-168.	5.2	322
76	Activation of Autophagy by Metals in Chlamydomonas reinhardtii. Eukaryotic Cell, 2015, 14, 964-973.	3.4	29
77	A conserved mechanism of TOR-dependent RCK-mediated mRNA degradation regulatesÂautophagy. Nature Cell Biology, 2015, 17, 930-942.	10.3	91
78	Autophagic activity in neuronal cell death. Neuroscience Bulletin, 2015, 31, 382-394.	2.9	70
79	<i>Drosophila</i> Gyf/GRB10 interacting GYF protein is an autophagy regulator that controls neuron and muscle homeostasis. Autophagy, 2015, 11, 1358-1372.	9.1	41
80	Phosphatidylethanolamine positively regulates autophagy and longevity. Cell Death and Differentiation, 2015, 22, 499-508.	11.2	184
81	Lipid Partitioning in Maize ( <i>Zea mays L.</i> ) Endosperm Highlights Relationships among Starch Lipids, Amylose, and Vitreousness. Journal of Agricultural and Food Chemistry, 2015, 63, 3551-3558.	5.2	43
82	Autophagy: an emerging therapeutic target in vascular diseases. British Journal of Pharmacology, 2015, 172, 2167-2178.	5.4	63
83	Development of in vitro PIK3C3/VPS34 complex protein assay for autophagy-specific inhibitor screening. Analytical Biochemistry, 2015, 480, 21-27.	2.4	6
84	Protein Ligation and Total Synthesis I. Topics in Current Chemistry, 2015, , .	4.0	2
85	Spinal Autophagy is Differently Modulated in Distinct Mouse Models of Neuropathic Pain. Molecular Pain, 2015, 11, 1744-8069-11-3.	2.1	54
86	Induction of autophagy is a key component of all-trans-retinoic acid-induced differentiation in leukemia cells and a potential target for pharmacologic modulation. Experimental Hematology, 2015, 43, 781-793.e2.	0.4	49
87	Both the autophagy and proteasomal pathways facilitate the Ubp3p-dependent depletion of a subset of translation and RNA turnover factors during nitrogen starvation in <i>Saccharomyces cerevisiae</i> . Rna, 2015, 21, 898-910.	3.5	27
88	Autophagic Recycling Plays a Central Role in Maize Nitrogen Remobilization. Plant Cell, 2015, 27, 1389-1408.	6.6	211
89	Carnitine protects the nematode Caenorhabditis elegans from glucose-induced reduction of survival depending on the nuclear hormone receptor DAF-12. Biochemical and Biophysical Research Communications, 2015, 460, 747-752.	2.1	9
90	Peroxisomal Pex3 Activates Selective Autophagy of Peroxisomes via Interaction with the Pexophagy Receptor Atg30. Journal of Biological Chemistry, 2015, 290, 8623-8631.	3.4	46
91	Transcriptional and epigenetic regulation of autophagy in aging. Autophagy, 2015, 11, 867-880.	9.1	280

#	Article	IF	CITATIONS
92	Eaten alive: novel insights into autophagy from multicellular model systems. Trends in Cell Biology, 2015, 25, 376-387.	7.9	92
93	Common γ-chain cytokine signaling is required for macroautophagy induction during CD4 <sup>+</sup> T-cell activation. Autophagy, 2015, 11, 1864-1877.	9.1	49
94	Yet Another Function of p53—The Switch That Determines Whether Radiation-Induced Autophagy Will Be Cytoprotective or Nonprotective: Implications for Autophagy Inhibition as a Therapeutic Strategy. Molecular Pharmacology, 2015, 87, 803-814.	2.3	43
95	NR1D1 ameliorates Mycobacterium tuberculosis clearance through regulation of autophagy. Autophagy, 2015, 11, 1987-1997.	9.1	45
96	Defective autophagy in vascular smooth muscle cells accelerates senescence and promotes neointima formation and atherogenesis. Autophagy, 2015, 11, 2014-2032.	9.1	229
97	Autophagy-Related Protein ATG8 Has a Noncanonical Function for Apicoplast Inheritance in Toxoplasma gondii. MBio, 2015, 6, e01446-15.	4.1	74
98	Pigments on the move. Nature, 2015, 526, 644-645.	27.8	4
99	Apelin-13 impedes foam cell formation by activating Class III PI3K/Beclin-1-mediated autophagic pathway. Biochemical and Biophysical Research Communications, 2015, 466, 637-643.	2.1	42
100	The Thermotolerant Yeast Kluyveromyces marxianus Is a Useful Organism for Structural and Biochemical Studies of Autophagy. Journal of Biological Chemistry, 2015, 290, 29506-29518.	3.4	16
101	Age-regulated function of autophagy in the mouse inner ear. Hearing Research, 2015, 330, 39-50.	2.0	36
102	Small-molecule enhancers of autophagy modulate cellular disease phenotypes suggested by human genetics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4281-7.	7.1	56
103	Impairment of autophagosome-lysosome fusion in the buff mutant mice with the VPS33A <sup>D251E</sup> mutation. Autophagy, 2015, 11, 1608-1622.	9.1	42
104	Differential autophagic responses to nano-sized materials. Current Opinion in Biotechnology, 2015, 36, 129-136.	6.6	39
105	AIM/CD5L: a key protein in the control of immune homeostasis and inflammatory disease. Journal of Leukocyte Biology, 2015, 98, 173-184.	3.3	104
106	Death-associated Protein 3 Regulates Mitochondrial-encoded Protein Synthesis and Mitochondrial Dynamics. Journal of Biological Chemistry, 2015, 290, 24961-24974.	3.4	32
107	The carbon starvation response of the ectomycorrhizal fungus Paxillus involutus. FEMS Microbiology Ecology, 2015, 91, .	2.7	29
108	Molecular basis of ubiquitin recognition by the autophagy receptor CALCOCO2. Autophagy, 2015, 11, 1775-1789.	9.1	61
109	Selective role of autophagy in neuronal function and neurodegenerative diseases. Neuroscience Bulletin, 2015, 31, 379-381.	2.9	8

#	Article	IF	CITATIONS
110	ESCRTs Cooperate with a Selective Autophagy Receptor to Mediate Vacuolar Targeting of Soluble Cargos. Molecular Cell, 2015, 59, 1035-1042.	9.7	91
111	The Legionella Anti-autophagy Effector RavZ Targets the Autophagosome via PI3P- and Curvature-Sensing Motifs. Developmental Cell, 2015, 34, 569-576.	7.0	80
112	Ubiquitin conjugating enzyme E2-N and sequestosome-1 (p62) are components of the ubiquitination process mediated by the malin–laforin E3-ubiquitin ligase complex. International Journal of Biochemistry and Cell Biology, 2015, 69, 204-214.	2.8	26
113	Apoptosis or autophagy, that is the question: Two ways for muscle sacrifice towards meat. Trends in Food Science and Technology, 2015, 46, 231-241.	15.1	30
114	Posttranslational modification of autophagy-related proteins in macroautophagy. Autophagy, 2015, 11, 28-45.	9.1	264
115	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. Cell Death and Differentiation, 2015, 22, 509-516.	11.2	237
116	LC3- and p62-based biochemical methods for the analysis of autophagy progression in mammalian cells. Methods, 2015, 75, 13-18.	3.8	378
117	Key autophagic targets and relevant smallâ€molecule compounds in cancer therapy. Cell Proliferation, 2015, 48, 7-16.	5.3	20
118	βA3/A1-crystallin: More than a lens protein. Progress in Retinal and Eye Research, 2015, 44, 62-85.	15.5	33
119	Autophagy and mitophagy in diabetic cardiomyopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 252-261.	3.8	161
120	Regulation of autophagy by amino acids and MTOR-dependent signal transduction. Amino Acids, 2015, 47, 2037-2063.	2.7	133
121	Autophagy as a proâ€death pathway. Immunology and Cell Biology, 2015, 93, 35-42.	2.3	143
122	Autophagy in neuronal cells: general principles and physiological and pathological functions. Acta Neuropathologica, 2015, 129, 337-362.	7.7	78
123	Autophagy: A housekeeper in cardiorenal metabolic health and disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 219-224.	3.8	49
124	Defective Autophagy in Parkinson's Disease: Lessons from Genetics. Molecular Neurobiology, 2015, 51, 89-104.	4.0	61
125	Autophagy in Ocular Pathophysiology. , 0, , .		1
126	The Role of Autophagy in Lung Disease. , 0, , .		0
127	Role of Autophagy in Cancer Metabolism. , 2016, , .		1

	Сітатіс	on Report	
#	Article	IF	CITATIONS
128	Role of the mammalian ATG8/LC3 family in autophagy: differential and compensatory roles in the spatiotemporal regulation of autophagy. BMB Reports, 2016, 49, 424-430.	2.4	249
129	The Role of Autophagy in the Pathogenesis of Atherosclerosis. Journal of Lipid and Atherosclerosis, 2016, 5, 1.	3.5	2
130	Autophagy in Atherosclerosis. , 2016, , 249-264.		2
131	Functional role of autophagy in gastric cancer. Oncotarget, 2016, 7, 17641-17651.	1.8	84
132	Role of the Beclin 1 Network in the Cross-Regulation Between Autophagy and Apoptosis. , 2016, , 75-88.		3
133	The Bif-1-Dynamin 2 membrane fission machinery regulates Atg9-containing vesicle generation at the Rab11-positive reservoirs. Oncotarget, 2016, 7, 20855-20868.	1.8	42
134	Diosgenin-induced autophagy and apoptosis in a human prostate cancer cell line. Molecular Medicine Reports, 2016, 14, 4349-4359.	2.4	45
135	Multiple Roles of the Small GTPase Rab7. Cells, 2016, 5, 34.	4.1	285
136	Interactions between Shigella flexneri and the Autophagy Machinery. Frontiers in Cellular and Infection Microbiology, 2016, 6, 17.	3.9	17
137	The Mucosal Immune System and Its Regulation by Autophagy. Frontiers in Immunology, 2016, 7, 240.	4.8	75
138	Overlapping Podospora anserina Transcriptional Responses to Bacterial and Fungal Non Self Indicate a Multilayered Innate Immune Response. Frontiers in Microbiology, 2016, 7, 471.	3.5	24
139	Crosstalk between Autophagy and Apoptosis: Potential and Emerging Therapeutic Targets for Cardiac Diseases. International Journal of Molecular Sciences, 2016, 17, 332.	4.1	121
140	New Potential Pharmacological Functions of Chinese Herbal Medicines via Regulation of Autophagy. Molecules, 2016, 21, 359.	3.8	50
142	Autophagy-Associated Protein SmATG12 Is Required for Fruiting-Body Formation in the Filamentous Ascomycete Sordaria macrospora. PLoS ONE, 2016, 11, e0157960.	2.5	10
143	Characterization of an Autophagy-Related Gene MdATG8i from Apple. Frontiers in Plant Science, 2016, 7, 720.	3.6	38
144	Development of a New Autophagosome Sensor With an LC3-interacting Region (LIR) Motif and a Hydrophobic Domain. Microscopy and Microanalysis, 2016, 22, 1188-1189.	0.4	0
145	Autophagy in Plant Pathogenic Fungi. , 0, , .		0
146	The Role of Ubiquitin System in Autophagy. , 0, , .		0

#	Article	IF	CITATIONS
147	The Intrinsically Disordered Protein Atg13 Mediates Supramolecular Assembly of Autophagy Initiation Complexes. Developmental Cell, 2016, 38, 86-99.	7.0	161
148	Metabolic, autophagic, and mitophagic activities in cancer initiation and progression. Biomedical Journal, 2016, 39, 98-106.	3.1	23
149	The ubiquitin signal and autophagy: an orchestrated dance leading to mitochondrial degradation. EMBO Reports, 2016, 17, 300-316.	4.5	197
150	KIF1A/UNC-104 Transports ATG-9 to Regulate Neurodevelopment and Autophagy at Synapses. Developmental Cell, 2016, 38, 171-185.	7.0	165
151	Metabolomic Analysis of Mouse Embryonic Fibroblast Cells in Response to Autophagy Induced by Acute Starvation. Scientific Reports, 2016, 6, 34075.	3.3	10
152	A dividing matter: Drp1/Dnm1-independent mitophagy. Journal of Cell Biology, 2016, 215, 599-601.	5.2	16
153	PINK1-dependent phosphorylation of PINK1 and Parkin is essential for mitochondrial quality control. Cell Death and Disease, 2016, 7, e2501-e2501.	6.3	58
154	LRRK2 at the interface of autophagosomes, endosomes and lysosomes. Molecular Neurodegeneration, 2016, 11, 73.	10.8	146
156	Mitochondria mediate septin cage assembly to promote autophagy of <i>Shigella</i> . EMBO Reports, 2016, 17, 1029-1043.	4.5	91
157	The T300A Crohn's disease risk polymorphism impairs function of the WD40 domain of ATG16L1. Nature Communications, 2016, 7, 11821.	12.8	59
159	A Wacky Bridge to mTORC1 Dimerization. Developmental Cell, 2016, 36, 129-130.	7.0	5
160	The Incredible ULKs: Autophagy and Beyond. Molecular Cell, 2016, 62, 475-476.	9.7	8
161	SLC35D3 increases autophagic activity in midbrain dopaminergic neurons by enhancing BECN1-ATG14-PIK3C3 complex formation. Autophagy, 2016, 12, 1168-1179.	9.1	16
162	LAP-like process as an immune mechanism downstream of IFN-Î <sup>3</sup> in control of the human malaria <i>Plasmodium vivax</i> liver stage. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3519-28.	7.1	63
163	Breaking BAG: The Co-Chaperone BAG3 in Health and Disease. Trends in Pharmacological Sciences, 2016, 37, 672-688.	8.7	217
164	Phosphorylation of Atg9 regulates movement to the phagophore assembly site and the rate of autophagosome formation. Autophagy, 2016, 12, 648-658.	9.1	68
165	Nutrient Starvation Decreases Cx43 Levels and Limits Intercellular Communication in Primary Bovine Corneal Endothelial Cells. Journal of Membrane Biology, 2016, 249, 363-373.	2.1	5
166	Autophagy in acute kidney injury. Kidney International, 2016, 89, 779-791.	5.2	302

#	Article	IF	CITATIONS
167	Photodynamic therapy: Promotion of efficacy by a sequential protocol. Journal of Porphyrins and Phthalocyanines, 2016, 20, 302-306.	0.8	22
168	Excess sphingomyelin disturbs ATG9A trafficking and autophagosome closure. Autophagy, 2016, 12, 833-849.	9.1	52
169	Tumor suppression in mice lacking GABARAP, an Atg8/LC3 family member implicated in autophagy, is associated with alterations in cytokine secretion and cell death. Cell Death and Disease, 2016, 7, e2205-e2205.	6.3	40
170	Controlling quality and amount of mitochondria by mitophagy: insights into the role of ubiquitination and deubiquitination. Biological Chemistry, 2016, 397, 637-647.	2.5	21
171	Redox regulation of autophagy in skeletal muscle. Free Radical Biology and Medicine, 2016, 98, 103-112.	2.9	56
172	A cell-based quantitative high-throughput image screening identified novel autophagy modulators. Pharmacological Research, 2016, 110, 35-49.	7.1	49
173	Inhibition of autophagy enhances dynamin inhibitor-induced apoptosis via promoting Bak activation and mitochondrial damage in human Jurkat T cells. Biochemical and Biophysical Research Communications, 2016, 478, 1609-1616.	2.1	5
174	Differential regulation of autophagy and mitophagy in pulmonary diseases. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L433-L452.	2.9	97
175	Regulation of Autophagy by microRNAs: Implications in Cancer Therapy. Current Cancer Research, 2016, , 59-84.	0.2	0
176	Targeting Autophagy in Cancer Therapy. Current Cancer Research, 2016, , .	0.2	28
176 177	Targeting Autophagy in Cancer Therapy. Current Cancer Research, 2016, , . Analysis of Relevant Parameters for Autophagic Flux Using HeLa Cells Expressing EGFP-LC3. Methods in Molecular Biology, 2016, 1449, 313-329.	0.2	28 4
176 177 178	Targeting Autophagy in Cancer Therapy. Current Cancer Research, 2016, , .   Analysis of Relevant Parameters for Autophagic Flux Using HeLa Cells Expressing EGFP-LC3. Methods in Molecular Biology, 2016, 1449, 313-329.   Autophagic degradation of peroxisomes in mammals. Biochemical Society Transactions, 2016, 44, 431-440.	0.2 0.9 3.4	28 4 58
176 177 178 179	Targeting Autophagy in Cancer Therapy. Current Cancer Research, 2016, , .Analysis of Relevant Parameters for Autophagic Flux Using HeLa Cells Expressing EGFP-LC3. Methods in Molecular Biology, 2016, 1449, 313-329.Autophagic degradation of peroxisomes in mammals. Biochemical Society Transactions, 2016, 44, 431-440.Mitophagy as a stress response in mammalian cells and in respiring S. cerevisiae. Biochemical Society Transactions, 2016, 44, 541-545.	0.2 0.9 3.4 3.4	28 4 58 11
176 177 178 179 180	Targeting Autophagy in Cancer Therapy. Current Cancer Research, 2016, , .Analysis of Relevant Parameters for Autophagic Flux Using HeLa Cells Expressing EGFP-LC3. Methods in Molecular Biology, 2016, 1449, 313-329.Autophagic degradation of peroxisomes in mammals. Biochemical Society Transactions, 2016, 44, 431-440.Mitophagy as a stress response in mammalian cells and in respiring S. cerevisiae. Biochemical Society Transactions, 2016, 44, 541-545.Perturbation of redox balance after thioredoxin reductase deficiency interrupts autophagy-lysosomal degradation pathway and enhances cell death in nutritionally stressed SH-SY5Y cells. Free Radical Biology and Medicine, 2016, 101, 53-70.	0.2 0.9 3.4 3.4 2.9	28 4 58 11 41
176 177 178 179 180	Targeting Autophagy in Cancer Therapy. Current Cancer Research, 2016, , .Analysis of Relevant Parameters for Autophagic Flux Using HeLa Cells Expressing EGFP-LC3. Methods in Molecular Biology, 2016, 1449, 313-329.Autophagic degradation of peroxisomes in mammals. Biochemical Society Transactions, 2016, 44, 431-440.Mitophagy as a stress response in mammalian cells and in respiring S. cerevisiae. Biochemical Society Transactions, 2016, 44, 541-545.Perturbation of redox balance after thioredoxin reductase deficiency interrupts autophagy-lysosomal degradation pathway and enhances cell death in nutritionally stressed SH-SY5Y cells. Free Radical Biology and Medicine, 2016, 101, 53-70.Autophagy in adhesion and migration. Journal of Cell Science, 2016, 129, 3685-3693.	0.2 0.9 3.4 3.4 2.9 2.0	28 4 58 11 41 86
176 177 178 179 180 181	Targeting Autophagy in Cancer Therapy. Current Cancer Research, 2016, , .Analysis of Relevant Parameters for Autophagic Flux Using HeLa Cells Expressing EGFP-LC3. Methods in Molecular Biology, 2016, 1449, 313-329.Autophagic degradation of peroxisomes in mammals. Biochemical Society Transactions, 2016, 44, 431-440.Mitophagy as a stress response in mammalian cells and in respiring S. cerevisiae. Biochemical Society Transactions, 2016, 44, 541-545.Perturbation of redox balance after thioredoxin reductase deficiency interrupts autophagy-lysosomal degradation pathway and enhances cell death in nutritionally stressed SH-SY5Y cells. Free Radical Biology and Medicine, 2016, 101, 53-70.Autophagy in adhesion and migration. Journal of Cell Science, 2016, 129, 3685-3693.KSHV reduces autophagy in THP-1 cells and in differentiating monocytes by decreasing CAST/calpastatin and ATG5 expression. Autophagy, 2016, 12, 2311-2325.	0.2 0.9 3.4 3.4 2.9 2.0 9.1	28 4 58 11 41 86 32
176 177 178 179 180 181 182	Targeting Autophagy in Cancer Therapy. Current Cancer Research, 2016, , .Analysis of Relevant Parameters for Autophagic Flux Using HeLa Cells Expressing EGFP-LC3. Methods in Molecular Biology, 2016, 1449, 313-329.Autophagic degradation of peroxisomes in mammals. Biochemical Society Transactions, 2016, 44, 431-440.Mitophagy as a stress response in mammalian cells and in respiring S. cerevisiae. Biochemical Society Transactions, 2016, 44, 541-545.Perturbation of redox balance after thioredoxin reductase deficiency interrupts autophagy-lysosomal degradation pathway and enhances cell death in nutritionally stressed SH-SY5Y cells. Free Radical Biology and Medicine, 2016, 101, 53-70.Autophagy in adhesion and migration. Journal of Cell Science, 2016, 129, 3685-3693.KSHV reduces autophagy in THP-1 cells and in differentiating monocytes by decreasing CAST/calpastatin and ATG5 expression. Autophagy, 2016, 12, 2311-2325.Mice deficient in the Vici syndrome gene <i>Epg5</i> exhibit features of retinitis pigmentosa. Autophagy, 2016, 12, 2263-2270.	0.2 0.9 3.4 3.4 2.9 2.0 9.1 9.1	28 4 58 11 41 86 32

ARTICLE IF CITATIONS # Spermidine reduces lipid accumulation and necrotic core formation inAatherosclerotic plaques via 185 0.8 62 induction of autophagy. Atherosclerosis, 2016, 251, 319-327. Avoidance and Subversion of Eukaryotic Homeostatic Autophagy Mechanisms by Bacterial Pathogens. 4.2 Journal of Molecular Biology, 2016, 428, 3387-3398. Unravelling the mechanisms regulating muscle mitochondrial biogenesis. Biochemical Journal, 2016, 187 3.7 124 473, 2295-2314. Disease models for the development of therapies for lysosomal storage diseases. Annals of the New 188 34 York Academy of Sciences, 2016, 1371, 15-29. Caloric restriction and the precision-control of autophagy: A strategy for delaying 189 2.8 57 neurodegenerative disease progression. Experimental Gerontology, 2016, 83, 97-111. The Basics of Autophagy., 2016, , 3-20. Modulation of Autophagy by Calcium Signalosome in Human Disease. Molecular Pharmacology, 2016, 191 2.353 90, 371-384. The Vici Syndrome Protein EPG5 Is a Rab7 Effector that Determines the Fusion Specificity of 9.7 227 Autophagosomes with Late Endosomes/Lysosomes. Molecular Cell, 2016, 63, 781-795. Golgi-associated LC3 lipidation requires V-ATPase in noncanonical autophagy. Cell Death and Disease, 193 6.3 38 2016, 7, e2330-e2330. Autophagy core machinery: overcoming spatial barriers in neurons. Journal of Molecular Medicine, 194 2016, 94, 1217-1227. Comparative analyses of ubiquitin-like <i>ATG8</i> and cysteine protease <i>ATG4</i> autophagy genes 195 9.1 50 in the plant lineage and cross-kingdom processing of ATC8 by ATC4. Autophagy, 2016, 12, 2054-2068. The Complex Crosstalk Between Autophagy and ROS Signalling Pathways., 2016, , 43-60. What Is the Pathobiology of Inflammation to Cell Death? Apoptosis, Necrosis, Necroptosis, Autophagic 197 4 Cell Death, Pyroptosis, and NETosis., 2016, , 81-106. Autophagy and Antigen Presentation., 2016, , 155-170. 198 Downregulation of miR-17-92a cluster promotes autophagy induction in response to celastrol treatment in prostate cancer cells. Biochemical and Biophysical Research Communications, 2016, 478, 199 2.1 43 804-810. A model-driven methodology for exploring complex disease comorbidities applied to autism spectrum 14 disorder and inflammatory bowel disease. Journal of Biomedical Informatics, 2016, 63, 366-378. The dual role of ROS, antioxidants and autophagy in cancer. Biomedical Journal, 2016, 39, 89-92. 201 3.111 Autophagy Networks in Inflammation., 2016, , .

#	Article	IF	CITATIONS
203	Substituted 2-hydroxy-N-(arylalkyl)benzamide sensitizes cancer cells to metabolic stress by disrupting actin cytoskeleton and inhibiting autophagic flux. Toxicology in Vitro, 2016, 37, 70-78.	2.4	1
204	Target Autophagy as a Novel Therapeutic Strategy in Autoimmune Diseases. , 2016, , 267-295.		0
205	PtdIns(4,5)P <sub>2</sub> signaling regulates ATG14 and autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10896-10901.	7.1	60
206	Apoptosis-related genes control autophagy and influence DENV-2 infection in the mosquito vector, Aedes aegypti. Insect Biochemistry and Molecular Biology, 2016, 76, 70-83.	2.7	60
207	Connexins: substrates and regulators of autophagy. BMC Cell Biology, 2016, 17, 20.	3.0	37
208	Atg20 and Atg24 family proteins promote organelle autophagy in fission yeast. Journal of Cell Science, 2016, 129, 4289-4304.	2.0	41
209	Resistance to receptor tyrosine kinase inhibitors in solid tumors: can we improve the cancer fighting strategy by blocking autophagy?. Cancer Cell International, 2016, 16, 62.	4.1	33
210	Autophagy is dispensable to overcome <scp>ER</scp> stress in the filamentous fungus <i>Aspergillus niger</i> . MicrobiologyOpen, 2016, 5, 647-658.	3.0	7
211	Signalling Pathways Controlling Cellular Actin Organization. Handbook of Experimental Pharmacology, 2016, 235, 153-178.	1.8	17
212	Control of Autophagy in <i>Chlamydomonas</i> Is Mediated through Redox-Dependent Inactivation of the ATG4 Protease. Plant Physiology, 2016, 172, 2219-2234.	4.8	60
213	Sphingosine Kinase 1 Cooperates with Autophagy to Maintain Endocytic Membrane Trafficking. Cell Reports, 2016, 17, 1532-1545.	6.4	38
214	Autophagy as a target for therapeutic uses of multifunctional peptides. IUBMB Life, 2016, 68, 259-267.	3.4	21
215	Mitochondrial Dysfunction in Neurodegenerative Disorders. , 2016, , .		3
216	Loss of the interferon-Î <sup>3</sup> -inducible regulatory immunity-related GTPase (IRG), Irgm1, causes activation of effector IRG proteins on lysosomes, damaging lysosomal function and predicting the dramatic susceptibility of Irgm1-deficient mice to infection. BMC Biology, 2016, 14, 33.	3.8	46
217	The PINK1, synphilin-1 and SIAH-1 complex constitutes a novel mitophagy pathway. Human Molecular Genetics, 2016, 25, 3476-3490.	2.9	108
218	The roles of phosphoinositides in mammalian autophagy. Archives of Pharmacal Research, 2016, 39, 1129-1136.	6.3	14
219	Thermogenic activation represses autophagy in brown adipose tissue. International Journal of Obesity, 2016, 40, 1591-1599.	3.4	45
220	Structural basis of FYCO1 and MAP1LC3A interaction reveals a novel binding mode for Atg8-family proteins. Autophagy, 2016, 12, 1330-1339.	9.1	50

#	Article	IF	CITATIONS
221	Mechanisms of silver nanoparticle-induced toxicity and important role of autophagy. Nanotoxicology, 2016, 10, 1021-1040.	3.0	198
222	Deciphering the role of Atg5 in nucleotide dependent interaction of Rab33B with the dimeric complex, Atg5-Atg16L1. Biochemical and Biophysical Research Communications, 2016, 473, 8-16.	2.1	6
223	Overexpression of RBM5 induces autophagy in human lung adenocarcinoma cells. World Journal of Surgical Oncology, 2016, 14, 57.	1.9	16
224	The Deleterious Duo of Neurodegeneration: Lysosomes and Mitochondria. , 2016, , 279-300.		2
225	Molecular mechanisms of autophagy in plants: Role of ATG8 proteins in formation and functioning of autophagosomes. Biochemistry (Moscow), 2016, 81, 348-363.	1.5	26
226	Constitutive Activation of PINK1 Protein Leads to Proteasome-mediated and Non-apoptotic Cell Death Independently of Mitochondrial Autophagy. Journal of Biological Chemistry, 2016, 291, 16162-16174.	3.4	23
227	Molecular Functions of Glycoconjugates in Autophagy. Journal of Molecular Biology, 2016, 428, 3305-3324.	4.2	44
228	Ethanolamine: A novel anti-aging agent. Molecular and Cellular Oncology, 2016, 3, e1019023.	0.7	4
229	Orchestrating the network of molecular pathways affecting aging: Role of nonselective autophagy and mitophagy. Mechanisms of Ageing and Development, 2016, 153, 30-40.	4.6	40
230	Ultrastructural features of the differentiating thyroid primordium in the sand lizard (Lacerta agilis) Tj ETQq1 1 0. 2016, 119, 97-112.	784314 rg 1.2	BT /Overlock 9
231	Lysosomes as mediators of drug resistance in cancer. Drug Resistance Updates, 2016, 24, 23-33.	14.4	330
232	Rag GTPase in amino acid signaling. Amino Acids, 2016, 48, 915-928.	2.7	42
233	Nutrient-regulated Phosphorylation of ATG13 Inhibits Starvation-induced Autophagy. Journal of	3.4	172
	Biological Chemistry, 2016, 291, 6026-6035.		
234	Bological Chemistry, 2016, 291, 8028-8035. Bcl-xL-mediated antioxidant function abrogates the disruption of mitochondrial dynamics induced by LRRK2 inhibition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 20-31.	3.8	10
234 235	Biological Chemistry, 2016, 291, 6026-6035. Bcl-xL-mediated antioxidant function abrogates the disruption of mitochondrial dynamics induced by LRRK2 inhibition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 20-31. Autophagy, lipophagy and lysosomal lipid storage disorders. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 269-284.	3.8 2.4	10 189
234 235 236	Biological Chemistry, 2016, 291, 6026-6035. Bcl-xL-mediated antioxidant function abrogates the disruption of mitochondrial dynamics induced by LRRK2 inhibition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 20-31. Autophagy, lipophagy and lysosomal lipid storage disorders. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 269-284. Trehalose, an mTOR-Independent Inducer of Autophagy, Inhibits Human Cytomegalovirus Infection in Multiple Cell Types. Journal of Virology, 2016, 90, 1259-1277.	3.8 2.4 3.4	10 189 60
234 235 236 237	Biological Chemistry, 2016, 291, 6026-6035.   Bcl-xL-mediated antioxidant function abrogates the disruption of mitochondrial dynamics induced by LRRK2 inhibition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 20-31.   Autophagy, lipophagy and lysosomal lipid storage disorders. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 269-284.   Trehalose, an mTOR-Independent Inducer of Autophagy, Inhibits Human Cytomegalovirus Infection in Multiple Cell Types. Journal of Virology, 2016, 90, 1259-1277.   The intersection between growth factors, autophagy and ER stress: A new target to treat neurodegenerative diseases?. Brain Research, 2016, 1649, 173-180.	3.8 2.4 3.4 2.2	10 189 60 43

ARTICLE IF CITATIONS # <i>Leishmania</i> hijacking of the macrophage intracellular compartments. FEBS Journal, 2016, 283, 239 4.7 43 598-607. Genes associated with Parkinson's disease: regulation of autophagy and beyond. Journal of 240 Neurochemistry, 2016, 139, 91-107. Emerging evidence for beneficial macrophage functions in atherosclerosis and obesity-induced 241 3.9 35 insulin resistance. Journal of Molecular Medicine, 2016, 94, 267-275. Therapeutic interactions of autophagy with radiation and temozolomide in glioblastoma: evidence and 242 6.4 issues to resolve. British Journal of Cancer, 2016, 114, 485-496. WAC Regulates mTOR Activity by Acting as an Adaptor for the TTT and Pontin/Reptin Complexes. 243 7.0 47 Developmental Cell, 2016, 36, 139-151. Time-course and intensity-based classifications of oxidative stresses and their potential application in 4.5 biomedical, comparative and environmental research. Redox Report, 2016, 21, 262-270. Regulation of peroxisome dynamics by phosphorylation. Biochimica Et Biophysica Acta - Molecular 245 4.1 41 Cell Research, 2016, 1863, 1027-1037. Inhibition of cholesterol metabolism underlies synergy between mTOR pathway inhibition and chloroquine in bladder cancer cells. Oncogene, 2016, 35, 4518-4528. 246 5.9 49 247 Autophagy and primary cilia: dual interplay. Current Opinion in Cell Biology, 2016, 39, 1-7. 5.4 72 Mechanism of Aloe Vera extract protection against UVA: shelter of lysosomal membrane avoids 248 photodamage. Photochemical and Photobiological Sciences, 2016, 15, 334-350. DNA damage-inducible transcript 4 (DDIT4) mediates methamphetamine-induced autophagy and apoptosis through mTOR signaling pathway in cardiomyocytes. Toxicology and Applied Pharmacology, 249 2.8 47 2016, 295, 1-11. Effect of hydroxychloroquine and characterization of autophagy in a mouse model of endometriosis. 6.3 Cell Death and Disease, 2016, 7, e2059-e2059. NBR1 enables autophagy-dependent focal adhesion turnover. Journal of Cell Biology, 2016, 212, 577-590. 251 5.2 131 Dynamin Regulates Autophagy by Modulating Lysosomal Function. Journal of Genetics and Genomics, 2016, 43, 77-86. Lipid droplet–mediated ER homeostasis regulates autophagy and cell survival during starvation. 253 5.2158 Journal of Cell Biology, 2016, 212, 621-631. Mechanistically Dissecting Autophagy: Insights from In Vitro Reconstitution. Journal of Molecular 254 Biology, 2016, 428, 1700-1713. Congenital disorders of autophagy: an emerging novel class of inborn errors of neuro-metabolism. 255 7.6 126 Brain, 2016, 139, 317-337. Synergistic Myeloma Cell Death via Novel Intracellular Activation of Caspase-10–Dependent Apoptosis 4.1 by Carfilzomib and Selinexor. Molecular Cancer Therapeutics, 2016, 15, 60-71.

#	Article	IF	CITATIONS
257	Cul3-KLHL20ÂUbiquitin Ligase Governs the Turnover of ULK1 and VPS34 Complexes to Control Autophagy Termination. Molecular Cell, 2016, 61, 84-97.	9.7	185
258	Tor-dependent post-transcriptional regulation of autophagy: Implications for cancer therapeutics. Molecular and Cellular Oncology, 2016, 3, e1078923.	0.7	2
259	Aspirin-induced gastrointestinal damage is associated with an inhibition of epithelial cell autophagy. Journal of Gastroenterology, 2016, 51, 691-701.	5.1	30
260	High-fat diet induces cardiomyocyte apoptosis via the inhibition of autophagy. European Journal of Nutrition, 2016, 55, 2245-2254.	3.9	58
261	Targeting of organelles into vacuoles and ultrastructure of flower petal epidermis of Petunia hybrida. Revista Brasileira De Botanica, 2016, 39, 327-336.	1.3	5
262	Regulation of Liver Metabolism by Autophagy. Gastroenterology, 2016, 150, 328-339.	1.3	263
263	AUTEN-67, an autophagy-enhancing drug candidate with potent antiaging and neuroprotective effects. Autophagy, 2016, 12, 273-286.	9.1	50
264	Molecular mechanisms of UVB-induced senescence of dermal fibroblasts and its relevance for photoaging of the human skin. Experimental Gerontology, 2017, 94, 78-82.	2.8	178
265	PLK1 (polo like kinase 1) inhibits MTOR complex 1 and promotes autophagy. Autophagy, 2017, 13, 486-505.	9.1	63
266	Macrophage-Mediated Clofazimine Sequestration Is Accompanied by a Shift in Host Energy Metabolism. Journal of Pharmaceutical Sciences, 2017, 106, 1162-1174.	3.3	20
267	Immunohistochemical Detection of the Autophagy Markers LC3 and p62/SQSTM1 in Formalin-Fixed and Paraffin-Embedded Tissue. Methods in Molecular Biology, 2017, 1560, 189-194.	0.9	25
268	Autophagy: An overview and its roles in cancer and obesity. Clinica Chimica Acta, 2017, 468, 85-89.	1.1	55
269	Nonradioactive quantification of autophagic protein degradation with L-azidohomoalanine labeling. Nature Protocols, 2017, 12, 279-288.	12.0	48
270	Systematic investigation on the intracellular trafficking network of polymeric nanoparticles. Nanoscale, 2017, 9, 3269-3282.	5.6	62
271	Novel and functional ATG12 gene variants in sporadic Parkinson's disease. Neuroscience Letters, 2017, 643, 22-26.	2.1	16
272	<i>&gt;Dendrobium nobile</i> Lindl alkaloid, a novel autophagy inducer, protects against axonal degeneration induced by Al² <sub>25â€35</sub> in hippocampus neurons in vitro. CNS Neuroscience and Therapeutics, 2017, 23, 329-340.	3.9	69
273	Genetic analysis of the ATG16L1 gene promoter in sporadic Parkinson's disease. Neuroscience Letters, 2017, 646, 30-35.	2.1	8
274	Retrograde signaling from autophagy modulates stress responses. Science Signaling, 2017, 10, .	3.6	65

#	Article	IF	CITATIONS
275	A Ribosomopathy Reveals Decoding Defective Ribosomes Driving Human Dysmorphism. American Journal of Human Genetics, 2017, 100, 506-522.	6.2	69
276	Autophagy Receptors and Neurodegenerative Diseases. Trends in Cell Biology, 2017, 27, 491-504.	7.9	173
277	Neferine reduces cisplatin-induced nephrotoxicity by enhancing autophagy via the AMPK/mTOR signaling pathway. Biochemical and Biophysical Research Communications, 2017, 484, 694-701.	2.1	32
278	A switch from canonical to noncanonical autophagy shapes B cell responses. Science, 2017, 355, 641-647.	12.6	88
279	Prenatal alcohol exposure impairs autophagy in neonatal brain cortical microvessels. Cell Death and Disease, 2017, 8, e2610-e2610.	6.3	25
280	Altered gene expression and repressed markers of autophagy in skeletal muscle of insulin resistant patients with type 2 diabetes. Scientific Reports, 2017, 7, 43775.	3.3	57
281	Turnover of Lipidated LC3 and Autophagic Cargoes in Mammalian Cells. Methods in Enzymology, 2017, 587, 55-70.	1.0	18
282	Chaperone-mediated autophagy prevents cellular transformation by regulating MYC proteasomal degradation. Autophagy, 2017, 13, 928-940.	9.1	77
283	Immunity to uropathogens: the emerging roles of inflammasomes. Nature Reviews Urology, 2017, 14, 284-295.	3.8	34
284	Sestrin 1 ameliorates cardiac hypertrophy <i>via</i> autophagy activation. Journal of Cellular and Molecular Medicine, 2017, 21, 1193-1205.	3.6	40
285	Pharmacological modulators of autophagy activate a parallel noncanonical pathway driving unconventional LC3 lipidation. Autophagy, 2017, 13, 854-867.	9.1	122
286	Haplodeficiency of <i>Cathepsin D</i> does not affect cerebral amyloidosis and autophagy in <scp>APP</scp> / <scp>PS</scp> 1 transgenic mice. Journal of Neurochemistry, 2017, 142, 297-304.	3.9	13
287	Mechanisms of autophagy induction by sex steroids in bovine mammary epithelial cells. Journal of Molecular Endocrinology, 2017, 59, 29-48.	2.5	6
288	Retromer localizes to autophagosomes during HCV replication. Virologica Sinica, 2017, 32, 245-248.	3.0	5
289	Evolutionary Origins of cGAS-STING Signaling. Trends in Immunology, 2017, 38, 733-743.	6.8	199
290	Assessment of Posttranslational Modifications of ATG proteins. Methods in Enzymology, 2017, 587, 171-188.	1.0	4
291	Role of apoptosis and autophagy in tuberculosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L218-L229.	2.9	123
292	Differential redox sensitivity of cathepsin B and L holds the key to autophagy-apoptosis interplay after Thioredoxin reductase inhibition in nutritionally stressed SH-SY5Y cells. Free Radical Biology and Medicine, 2017, 108, 819-831.	2.9	26

	Сітатіо	CITATION REPORT	
# 293	ARTICLE mTORC1-independent autophagy regulates receptor tyrosine kinase phosphorylation in colorectal cancer cells via an mTORC2-mediated mechanism. Cell Death and Differentiation, 2017, 24, 1045-1062.	IF 11.2	CITATIONS
294	Quantification of autophagy flux using LC3 ELISA. Analytical Biochemistry, 2017, 530, 57-67.	2.4	43
295	Autophagy and Tumor Metabolism. Cell Metabolism, 2017, 25, 1037-1043.	16.2	647
296	Mitophagy and age-related pathologies: Development of new therapeutics by targeting mitochondrial turnover. , 2017, 178, 157-174.		112
297	Reciprocal Crosstalk Between Autophagic and Endocrine Signaling in Metabolic Homeostasis. Endocrine Reviews, 2017, 38, 69-102.	20.1	40
298	The RAB GTPase RAB18 modulates macroautophagy and proteostasis. Biochemical and Biophysical Research Communications, 2017, 486, 738-743.	2.1	47
299	Network and role analysis of autophagy in Phytophthora sojae. Scientific Reports, 2017, 7, 1879.	3.3	19
300	Regulation of nutrient recycling via autophagy. Current Opinion in Plant Biology, 2017, 39, 8-17.	7.1	134
301	Small GTPase Rab1B is associated with ATG9A vesicles and regulates autophagosome formation. FASEB Journal, 2017, 31, 3757-3773.	0.5	46
302	Methods to Assess Autophagy and Chronological Aging in Yeast. Methods in Enzymology, 2017, 588, 367-394.	1.0	20
303	Functional Role of Nox4 in Autophagy. Advances in Experimental Medicine and Biology, 2017, 982, 307-326.	1.6	25
304	Autophagy-regulated AMPAR subunit upregulation in in vitro oxygen glucose deprivation/reoxygenation-induced hippocampal injury. Brain Research, 2017, 1668, 65-71.	2.2	8
305	Limited and digestive proteolysis: crosstalk between evolutionary conserved pathways. New Phytologist, 2017, 215, 958-964.	7.3	27
306	Development of LC 3/ GABARAP sensors containing a LIR and a hydrophobic domain to monitor autophagy. EMBO Journal, 2017, 36, 1100-1116.	7.8	57
307	Gcn5-mediated Rph1 acetylation regulates its autophagic degradation under DNA damage stress. Nucleic Acids Research, 2017, 45, 5183-5197.	14.5	27
308	Autophagic flux control in neurodegeneration: Progress and precision targeting—Where do we stand?. Progress in Neurobiology, 2017, 153, 64-85.	5.7	65
309	Golgi trafficking defects in postnatal microcephaly: The evidence for "Golgipathies― Progress in Neurobiology, 2017, 153, 46-63.	5.7	38
310	Characterization of <i>Drosophila saposin-related</i> mutants as a model for lysosomal sphingolipid storage diseases. DMM Disease Models and Mechanisms, 2017, 10, 737-750.	2.4	13

#	Article	IF	CITATIONS
311	Role of p62 in the suppression of inflammatory cytokine production by adiponectin in macrophages: Involvement of autophagy and p21/Nrf2 axis. Scientific Reports, 2017, 7, 393.	3.3	40
312	Canonical and noncanonical functions of ULK/Atg1. Current Opinion in Cell Biology, 2017, 45, 47-54.	5.4	59
313	Autophagy determines efficiency of liverâ€directed gene therapy with adenoâ€associated viral vectors. Hepatology, 2017, 66, 252-265.	7.3	35
314	Ageing: Lessons from C. elegans. Healthy Ageing and Longevity, 2017, , .	0.2	14
315	The Actin Cytoskeleton. Handbook of Experimental Pharmacology, 2017, , .	1.8	2
316	Achondroplasia: Development, pathogenesis, and therapy. Developmental Dynamics, 2017, 246, 291-309.	1.8	160
317	Quantification of Phosphatidylinositol Phosphate Species in Purified Membranes. Methods in Enzymology, 2017, 587, 271-291.	1.0	1
318	Dietary restriction and lifespan: Lessons from invertebrate models. Ageing Research Reviews, 2017, 39, 3-14.	10.9	267
319	Parkin deficiency exacerbate ethanol-induced dopaminergic neurodegeneration by P38 pathway dependent inhibition of autophagy and mitochondrial function. Redox Biology, 2017, 11, 456-468.	9.0	32
320	Autophagy and Ageing. Healthy Ageing and Longevity, 2017, , 331-354.	0.2	0
321	ELMO1 Regulates Autophagy Induction and Bacterial Clearance During Enteric Infection. Journal of Infectious Diseases, 2017, 216, 1655-1666.	4.0	32
322	Peptide Lipidation – A Synthetic Strategy to Afford Peptide Based Therapeutics. Advances in Experimental Medicine and Biology, 2017, 1030, 185-227.	1.6	47
323	Interleukin-6 downregulated vascular smooth muscle cell contractile proteins via ATG4B-mediated autophagy in thoracic aortic dissection. Heart and Vessels, 2017, 32, 1523-1535.	1.2	28
324	Kenny mediates selective autophagic degradation of the IKK complex to control innate immune responses. Nature Communications, 2017, 8, 1264.	12.8	50
325	Autophagy-Related Protein ATG18 Regulates Apicoplast Biogenesis in Apicomplexan Parasites. MBio, 2017, 8, .	4.1	41
326	Conserved and unique features of the fission yeast core Atg1 complex. Autophagy, 2017, 13, 2018-2027.	9.1	21
327	Roles of Autophagy in Ischemic Heart Diseases and the Modulatory Effects of Chinese Herbal Medicine. The American Journal of Chinese Medicine, 2017, 45, 1401-1419.	3.8	19
328	Lycorine Promotes Autophagy and Apoptosis via TCRP1/Akt/mTOR Axis Inactivation in Human Hepatocellular Carcinoma. Molecular Cancer Therapeutics, 2017, 16, 2711-2723.	4.1	67

#	Article	IF	CITATIONS
329	Morphometric analysis of autophagy-related structures in <i>Saccharomyces cerevisiae</i> . Autophagy, 2017, 13, 2104-2110.	9.1	4
330	Distinct TP73–DAPK2–ATG5 pathway involvement in ATO-mediated cell death versus ATRA-mediated autophagy responses in APL. Journal of Leukocyte Biology, 2017, 102, 1357-1370.	3.3	14
331	Lipid-based DNA/siRNA transfection agents disrupt neuronal bioenergetics and mitophagy. Biochemical Journal, 2017, 474, 3887-3902.	3.7	6
332	Automated Analysis of Fluorescence Colocalization. Methods in Enzymology, 2017, 588, 219-230.	1.0	3
333	Architecture of the ATG2B-WDR45 complex and an aromatic Y/HF motif crucial for complex formation. Autophagy, 2017, 13, 1870-1883.	9.1	90
334	Polymorphisms in autophagy related genes and the coal workers' pneumoconiosis in a Chinese population. Gene, 2017, 632, 36-42.	2.2	14
335	Progressing neurobiological strategies against proteostasis failure: Challenges in neurodegeneration. Progress in Neurobiology, 2017, 159, 1-38.	5.7	27
336	Autophagy and receptor tyrosine kinase signalling: A mTORC2 matter. Cell Cycle, 2017, 16, 1855-1856.	2.6	7
337	Autophagy: The spotlight for cellular stress responses. Life Sciences, 2017, 188, 53-67.	4.3	466
338	Aggravation of acute kidney injury by mPGES-2 down regulation is associated with autophagy inhibition and enhanced apoptosis. Scientific Reports, 2017, 7, 10247.	3.3	22
339	The ER-Localized Transmembrane Protein EPG-3/VMP1 Regulates SERCA Activity to Control ER-Isolation Membrane Contacts for Autophagosome Formation. Molecular Cell, 2017, 67, 974-989.e6.	9.7	158
340	Structure of the WD40â€domain of human ATG16L1. Protein Science, 2017, 26, 1828-1837.	7.6	17
341	Roles of autophagy and metabolism in pancreatic cancer cell adaptation to environmental challenges. American Journal of Physiology - Renal Physiology, 2017, 313, G524-G536.	3.4	23
342	Organelle biogenesis in the endoplasmic reticulum. Nature Cell Biology, 2017, 19, 876-882.	10.3	94
343	Targeting autophagy in cancer. Nature Reviews Cancer, 2017, 17, 528-542.	28.4	1,856
344	Remodeling of <scp>ER</scp> â€exit sites initiates a membrane supply pathway for autophagosome biogenesis. EMBO Reports, 2017, 18, 1586-1603.	4.5	134
345	iLIR@viral: A web resource for LIR motif-containing proteins in viruses. Autophagy, 2017, 13, 1782-1789.	9.1	21
346	The composition of a protein aggregate modulates the specificity and efficiency of its autophagic degradation. Autophagy, 2017, 13, 1487-1495.	9.1	7

		CITATION REPORT		
#	Article		IF	Citations
347	In Vitro Dissection of Autophagy. Current Protocols in Cell Biology, 2017, 77, 11.23.1-2	11.23.17.	2.3	2
348	Tagged ATG8-Coding Constructs for the In Vitro and In Vivo Assessment of ATG4 Activi Enzymology, 2017, 587, 189-205.	ty. Methods in	1.0	4
349	The Autophagy-Related Beclin-1 Protein Requires the Coiled-Coil and BARA Domains To Homodimer with Submicromolar Affinity. Biochemistry, 2017, 56, 6639-6651.	Form a	2.5	14
350	Autophagic clearance of proteasomes in yeast requires the conserved sorting nexin Sn Biological Chemistry, 2017, 292, 21466-21480.	k4. Journal of	3.4	62
351	Structure and function of yeast Atg20, a sorting nexin that facilitates autophagy induc Proceedings of the National Academy of Sciences of the United States of America, 201 E10112-E10121.	tion. 7, 114,	7.1	34
352	Cellular functions of WASP family proteins at a glance. Journal of Cell Science, 2017, 1.	30, 2235-2241.	2.0	140
353	Autophagy, endoplasmic reticulum stress and the unfolded protein response in intrace hemorrhage. Translational Neuroscience, 2017, 8, 37-48.	rebral	1.4	43
354	Proteostasis, oxidative stress and aging. Redox Biology, 2017, 13, 550-567.		9.0	183
355	Autophagy Deficiency Compromises Alternative Pathways of Respiration following Ene in <i>Arabidopsis thaliana</i> . Plant Physiology, 2017, 175, 62-76.	rgy Deprivation	4.8	98
356	TFEB-mediated activation of the lysosome-autophagy system affects the transduction of adeno-associated virus 2. Virology, 2017, 510, 1-8.	efficiency of	2.4	6
357	Invalidation of mitophagy by FBP1-mediated repression promotes apoptosis in breast c Biology, 2017, 39, 101042831770877.	ancer. Tumor	1.8	18
358	The cochaperone BAG3 coordinates protein synthesis and autophagy under mechanica spatial regulation of mTORC1. Biochimica Et Biophysica Acta - Molecular Cell Research, 62-75.	l strain through 2017, 1864,	4.1	49
359	Autophagy and its implication in human oral diseases. Autophagy, 2017, 13, 225-236.		9.1	59
360	Roles of mitophagy in cellular physiology and development. Cell and Tissue Research, 2	017, 367, 95-109.	2.9	28
361	Role of Autophagy in HIV Pathogenesis and Drug Abuse. Molecular Neurobiology, 2017	', 54, 5855-5867.	4.0	14
362	Critical Functions of the Lysosome in Cancer Biology. Annual Review of Pharmacology a Toxicology, 2017, 57, 481-507.	and	9.4	146
363	Mitochondria in Multiple Sclerosis: Molecular Mechanisms of Pathogenesis. Internation Cell and Molecular Biology, 2017, 328, 49-103.	al Review of	3.2	65
364	Autophagy in <i>Dictyostelium </i> : Mechanisms, regulation and disease in a simple bio Autophagy, 2017, 13, 24-40.	medical model.	9.1	74

#	Article	IF	CITATIONS
365	Pseudolaric acid B induced autophagy, but not apoptosis, in MRC5 human fibroblast cells. Oncology Letters, 2018, 15, 863-870.	1.8	4
366	Molecular Interactions of Autophagy with the Immune System and Cancer. International Journal of Molecular Sciences, 2017, 18, 1694.	4.1	29
367	Autophagy in the placenta. Obstetrics and Gynecology Science, 2017, 60, 241.	1.6	40
368	Autophagy in health and disease: focus on the cardiovascular system. Essays in Biochemistry, 2017, 61, 721-732.	4.7	123
369	Autophagy and Inflammatory Response in the Tumor Microenvironment. International Journal of Molecular Sciences, 2017, 18, 2016.	4.1	60
370	Autophagy Roles in the Modulation of DNA Repair Pathways. International Journal of Molecular Sciences, 2017, 18, 2351.	4.1	99
371	Implication of Different HIV-1 Genes in the Modulation of Autophagy. Viruses, 2017, 9, 389.	3.3	20
372	Regulation of the DNA Damage Response by Autophagy. , 2017, , 213-236.		0
373	Standard Immunohistochemical Assays to Assess Autophagy in Mammalian Tissue. Cells, 2017, 6, 17.	4.1	22
374	Clinical Applications of Autophagy Proteins in Cancer: From Potential Targets to Biomarkers. International Journal of Molecular Sciences, 2017, 18, 1496.	4.1	41
375	Autophagy and Human Neurodegenerative Diseases—A Fly's Perspective. International Journal of Molecular Sciences, 2017, 18, 1596.	4.1	23
376	Autophagy and Autophagy-Related Proteins in CNS Autoimmunity. Frontiers in Immunology, 2017, 8, 165.	4.8	34
377	The Enigmatic Role of C9ORF72 in Autophagy. Frontiers in Neuroscience, 2017, 11, 442.	2.8	49
378	The Role of the Multifunctional BAG3 Protein in Cellular Protein Quality Control and in Disease. Frontiers in Molecular Neuroscience, 2017, 10, 177.	2.9	147
379	Autophagy-Regulating microRNAs and Cancer. Frontiers in Oncology, 2017, 7, 65.	2.8	144
380	Mitochondria-Associated Membranes As Networking Platforms and Regulators of Cancer Cell Fate. Frontiers in Oncology, 2017, 7, 174.	2.8	73
381	Mitophagy Transcriptome: Mechanistic Insights into Polyphenol-Mediated Mitophagy. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-13.	4.0	34
382	Small Molecule–Mediated Simultaneous Induction of Apoptosis and Autophagy. , 2017, , 269-290.		1

#	Article	IF	CITATIONS
383	Methods for Measuring Autophagy in Mice. Cells, 2017, 6, 14.	4.1	59
384	Osteoporosis and autophagy: What is the relationship?. Revista Da Associação Médica Brasileira, 2017, 63, 173-179.	0.7	36
385	The role of lipids in host microbe interactions. Frontiers in Bioscience - Landmark, 2017, 22, 1581-1598.	3.0	2
386	MicroRNA regulation of autophagy in cardiovascular disease. Frontiers in Bioscience - Landmark, 2017, 22, 48-65.	3.0	23
387	Cysteamine-mediated clearance of antibiotic-resistant pathogens in human cystic fibrosis macrophages. PLoS ONE, 2017, 12, e0186169.	2.5	26
388	A Rab5 GTPase module is important for autophagosome closure. PLoS Genetics, 2017, 13, e1007020.	3.5	51
389	O-GlcNAc regulation of autophagy and α-synuclein homeostasis; implications for Parkinson's disease. Molecular Brain, 2017, 10, 32.	2.6	67
390	lbrutinib, a Bruton's tyrosine kinase inhibitor, exhibits antitumoral activity and induces autophagy in glioblastoma. Journal of Experimental and Clinical Cancer Research, 2017, 36, 96.	8.6	43
391	The Impact of Autophagy on Cardiovascular Senescence and Diseases. International Heart Journal, 2017, 58, 666-673.	1.0	46
393	Autophagy and ER stress in LPS/GalN-induced acute liver injury. Molecular Medicine Reports, 2017, 16, 7001-7005.	2.4	19
394	Monitoring the Formation of Autophagosomal Precursor Structures in Yeast Saccharomyces cerevisiae. Methods in Enzymology, 2017, 588, 323-365.	1.0	2
395	Machine learning for predicting lifespan-extending chemical compounds. Aging, 2017, 9, 1721-1737.	3.1	34
396	Methods for Measuring Autophagosome Flux—Impact and Relevance. , 2017, , 91-104.		0
397	Immunologic Repercussions of Cell Death. , 2017, , 418-448.e6.		2
398	Role of Autophagy Activation in Alleviating Alcohol Neurotoxicity. , 2017, , 419-434.		0
399	6-Phosphofructo-2-kinase/fructose-2,6-bisphosphatase isoform 3 spatially mediates autophagy through the AMPK signaling pathway. Oncotarget, 2017, 8, 80909-80922.	1.8	28
400	Insufficient radiofrequency ablation promotes proliferation of residual hepatocellular carcinoma via autophagy. Cancer Letters, 2018, 421, 73-81.	7.2	48
401	Role of autophagy in environmental neurotoxicity. Environmental Pollution, 2018, 235, 791-805.	7.5	41

#	Article	IF	CITATIONS
402	Autophagy-independent increase of ATG5 expression in T cells of multiple sclerosis patients. Journal of Neuroimmunology, 2018, 319, 100-105.	2.3	22
403	Autophagy balances mtDNA synthesis and degradation by DNA polymerase POLG during starvation. Journal of Cell Biology, 2018, 217, 1601-1611.	5.2	47
404	Identification of Novel Autophagy Inhibitors via Cell-Based High-Content Screening. Methods in Molecular Biology, 2018, 1854, 187-195.	0.9	5
405	Cargo recognition and degradation by selective autophagy. Nature Cell Biology, 2018, 20, 233-242.	10.3	789
406	Neuronal autophagy and intercellular regulation of homeostasis in the brain. Current Opinion in Neurobiology, 2018, 51, 29-36.	4.2	96
407	Cytochalasin E increased the sensitivity of human lung cancer A549†cells to bortezomib via inhibition of autophagy. Biochemical and Biophysical Research Communications, 2018, 498, 603-608.	2.1	8
408	Cdc14 Phosphatase Promotes TORC1-Regulated Autophagy in Yeast. Journal of Molecular Biology, 2018, 430, 1671-1684.	4.2	15
409	Autophagy inhibition enhances radiosensitivity of Eca‑109 cells via the mitochondrial apoptosis pathway. International Journal of Oncology, 2018, 52, 1853-1862.	3.3	6
410	GRASP55 Senses Glucose Deprivation through O-GlcNAcylation to Promote Autophagosome-Lysosome Fusion. Developmental Cell, 2018, 45, 245-261.e6.	7.0	108
411	Autophagy as a pharmacological target in hematopoiesis and hematological disorders. Biochemical Pharmacology, 2018, 152, 347-361.	4.4	12
412	Autophagy induction by trehalose: Molecular mechanisms and therapeutic impacts. Journal of Cellular Physiology, 2018, 233, 6524-6543.	4.1	106
413	Targeting autophagy in cancer. Cancer, 2018, 124, 3307-3318.	4.1	484
414	The ER Contact Proteins VAPA/B Interact with Multiple Autophagy Proteins to Modulate Autophagosome Biogenesis. Current Biology, 2018, 28, 1234-1245.e4.	3.9	129
415	Chemical probes and drug leads from advances in synthetic planning and methodology. Nature Reviews Drug Discovery, 2018, 17, 333-352.	46.4	182
416	Septin localization and function during autophagy. Current Genetics, 2018, 64, 1037-1041.	1.7	17
417	Structural insights into the ubiquitin recognition by OPTN (optineurin) and its regulation by TBK1-mediated phosphorylation. Autophagy, 2018, 14, 66-79.	9.1	84
418	New Insights Into the Role of mTOR Signaling in the Cardiovascular System. Circulation Research, 2018, 122, 489-505.	4.5	335
419	Cross-species Comparison of Proteome Turnover Kinetics. Molecular and Cellular Proteomics, 2018, 17, 580-591.	3.8	40

ARTICLE IF CITATIONS Fruiting-Body Development in Ascomycetes., 2018, , 1-56. 420 18 Autophagy-related gene ATG13 is involved in control of xylose alcoholic fermentation in the 421 2.3 thermotolerant methylotrophic yeast Ogataea polymorpha. FEMS Yeast Research, 2018, 18, . The IAP family member BRUCE regulates autophagosome–lysosome fusion. Nature Communications, 422 12.8 80 2018, 9, 599. Lipid dropletâ€mediated lipid and protein homeostasis in budding yeast. FEBS Letters, 2018, 592, 1291-1303. 44 Septins are involved at the early stages of macroautophagy in <i>S. cerevisiae</i>. Journal of Cell 424 2.0 24 Science, 2018, 131, . Phosphorylation of ULK1 by AMPK is essential for mouse embryonic stem cell self-renewal and 6.3 37 pluripotency. Cell Death and Disease, 2018, 9, 38. The MTM1–UBQLN2–HSP complex mediates degradation of misfolded intermediate filaments in skeletal 426 10.3 37 muscle. Nature Cell Biology, 2018, 20, 198-210. Loss of vascular smooth muscle cell autophagy exacerbates angiotensin II-associated aortic remodeling. Journal of Vascular Surgery, 2018, 68, 859-871. 1.1 Pex3 and Atg37 compete to regulate the interaction between the pexophagy receptor, Atg30, and the 428 9.1 28 Hrr25 kinase. Autophagy, 2018, 14, 368-384. The <scp>WD</scp> 40 domain of <scp>ATG</scp> 16L1 is required for itsÂnonâ€canonical role in 429 lipidation of <scp>LC</scp> 3 at singleÂmembranes. EMBO Journal, 2018, 37, . Ginsenoside Rg1 inhibits apoptosis by increasing autophagy via the AMPK/mTOR signaling in serum 430 2.0 47 deprivation macrophages. Acta Biochimica Et Biophysica Sinica, 2018, 50, 144-155. Autophagy in turnover of lipid stores: trans-kingdom comparison. Journal of Experimental Botany, 2018, 69, 1301-1311. 4.8 Proteases and Cancer. Methods in Molecular Biology, 2018, , . 432 0.9 1 Oxidation of Atg3 and Atg7 mediates inhibition of autophagy. Nature Communications, 2018, 9, 95. 12.8 158 Autophagy and Proteases: Basic Study of theÂAutophagic Flux by Western Blot. Methods in Molecular 434 0.9 6 Biology, 2018, 1731, 73-81. Molecular Mechanisms of Cell Death., 2018, , 1-24. Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. Circulation 436 4.5 35 Research, 2018, 122, 568-582. <b&gt;3-methyadenine attenuates chloroform-induced hepatotoxicity via autophagy </b&gt;&lt;b&gt;activation &lt;/b&gt;. Biomedical Research, 2018, 39, 87-94.

#	Article	IF	CITATIONS
438	Formation and maturation of autophagosomes in higher eukaryotes: a social network. Current Opinion in Cell Biology, 2018, 53, 29-36.	5.4	51
439	Regulation and Roles of Autophagy at Synapses. Trends in Cell Biology, 2018, 28, 646-661.	7.9	90
440	Non-canonical activation of DAPK2 by AMPK constitutes a new pathway linking metabolic stress to autophagy. Nature Communications, 2018, 9, 1759.	12.8	33
441	Transcriptional and post-transcriptional regulation of autophagy in the yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 2018, 293, 5396-5403.	3.4	51
442	New Insights Into Autophagy Dysfunction Related to Amyloid Beta Toxicity and Neuropathology in Alzheimer's Disease. International Review of Cell and Molecular Biology, 2018, 336, 321-361.	3.2	29
443	Ecotoxicological effects of the herbicide glyphosate in non-target aquatic species: Transcriptional responses in the mussel Mytilus galloprovincialis. Environmental Pollution, 2018, 237, 442-451.	7.5	52
444	Glucose starvation increases V-ATPase assembly and activity in mammalian cells through AMP kinase and phosphatidylinositide 3-kinase/Akt signaling. Journal of Biological Chemistry, 2018, 293, 9113-9123.	3.4	62
445	Autophagic flux is required for the synthesis of triacylglycerols and ribosomal protein turnover in Chlamydomonas. Journal of Experimental Botany, 2018, 69, 1355-1367.	4.8	82
446	Mitochondrial Quality Control and Disease: Insights into Ischemia-Reperfusion Injury. Molecular Neurobiology, 2018, 55, 2547-2564.	4.0	269
447	Evaluation of Possible Consequences of Zika Virus Infection in the Developing Nervous System. Molecular Neurobiology, 2018, 55, 1620-1629.	4.0	5
448	The role of Runx2 in facilitating autophagy in metastatic breast cancer cells. Journal of Cellular Physiology, 2018, 233, 559-571.	4.1	34
449	Clathrinâ€mediated endocytosis is required for <scp>ANE</scp> 30â€100Kâ€induced autophagy. Journal of Oral Pathology and Medicine, 2018, 47, 25-31.	2.7	6
450	Molecular mechanisms of developmentally programmed crinophagy in <i>Drosophila</i> . Journal of Cell Biology, 2018, 217, 361-374.	5.2	58
451	Oncogenic RAS-induced downregulation of ATG12 is required for survival of malignant intestinal epithelial cells. Autophagy, 2018, 14, 134-151.	9.1	8
452	The metabolic crossâ€ŧalk between epithelial cancer cells and stromal fibroblasts in ovarian cancer progression: Autophagy plays a role. Medicinal Research Reviews, 2018, 38, 1235-1254.	10.5	69
453	Inhibition of retroviral Gag assembly by non-silencing miRNAs promotes autophagic viral degradation. Protein and Cell, 2018, 9, 640-651.	11.0	8
454	Myricetin Induces Protective Autophagy by Inhibiting the Phosphorylation of mTOR in HepG2 Cells. Anatomical Record, 2018, 301, 786-795.	1.4	37
455	Compartmentâ€specific dynamics and functions of autophagy in neurons. Developmental Neurobiology, 2018, 78, 298-310.	3.0	63

щ		IF	CITATIONS
# 456	Maternal Glucose Supplementation in a Murine Model of Chorioamnionitis Alleviates Dysregulation of Autophagy in Fetal Brain. Reproductive Sciences, 2018, 25, 1175-1185.	1F 2.5	9
457	THANATOS: an integrative data resource of proteins and post-translational modifications in the regulation of autophagy. Autophagy, 2018, 14, 296-310.	9.1	41
458	Characterization of Plasmodium Atg3-Atg8 Interaction Inhibitors Identifies Novel Alternative Mechanisms of Action in Toxoplasma gondii. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	10
459	Protein degradation mechanisms modulate abscisic acid signaling and responses during abiotic stress. Plant Science, 2018, 267, 48-54.	3.6	18
460	Autophagy as a Potential Therapeutic Target in Breast Cancer Treatment. Current Cancer Drug Targets, 2018, 18, 629-639.	1.6	10
462	NKX3.2 plays a key role in regulating HIF1α-directed angiogenesis in chondrocytes. Biotarget, 0, 2, 11-11.	0.5	1
463	AÂcell's agony of choice: how to cross the Styx?. Wiener Medizinische Wochenschrift, 2018, 168, 300-306.	1.1	0
464	CGEF-1 regulates mTORC1 signaling during adult longevity and stress response in <i>C. elegans</i> . Oncotarget, 2018, 9, 9581-9595.	1.8	7
465	A rapamycin derivative, biolimus, preferentially activates autophagy in vascular smooth muscle cells. Scientific Reports, 2018, 8, 16551.	3.3	18
466	Mechanistic insights into the interactions of NAP1 with the SKICH domains of NDP52 and TAX1BP1. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11651-E11660.	7.1	41
467	Carvacrol reduces adipogenic differentiation by modulating autophagy and ChREBP expression. PLoS ONE, 2018, 13, e0206894.	2.5	23
468	Autophagy and Its Role in Protein Secretion: Implications for Cancer Therapy. Mediators of Inflammation, 2018, 2018, 1-17.	3.0	34
469	Down-regulation of OGT promotes cisplatin resistance by inducing autophagy in ovarian cancer. Theranostics, 2018, 8, 5200-5212.	10.0	83
470	Omi/HtrA2 Participates in Age-Related Autophagic Deficiency in Rat Liver. , 2018, 9, 1031.		14
471	Effects of caloric restriction on neuropathic pain, peripheral nerve degeneration and inflammation in normometabolic and autophagy defective prediabetic Ambra1 mice. PLoS ONE, 2018, 13, e0208596.	2.5	28
472	Exome Sequencing Identifies a Novel Sorting Nexin 14 Gene Mutation Causing Cerebellar Atrophy and Intellectual Disability. Case Reports in Genetics, 2018, 2018, 1-3.	0.2	3
473	The Multifaceted Roles of Autophagy in Flavivirus-Host Interactions. International Journal of Molecular Sciences, 2018, 19, 3940.	4.1	46
474	The clinical value of using chloroquine or hydroxychloroquine as autophagy inhibitors in the treatment of cancers. Medicine (United States), 2018, 97, e12912.	1.0	118

# 475	ARTICLE Mitochondrial phosphatidylserine decarboxylase 1 (Psd1) is involved in nitrogen starvation-induced mitophagy in yeast. Journal of Cell Science, 2019, 132, .	IF 2.0	CITATIONS
476	Selective Autophagy and Xenophagy in Infection and Disease. Frontiers in Cell and Developmental Biology, 2018, 6, 147.	3.7	185
477	ATR/Chk1 signaling induces autophagy through sumoylated RhoB-mediated lysosomal translocation of TSC2 after DNA damage. Nature Communications, 2018, 9, 4139.	12.8	44
478	The Precision Control of Autophagic Flux and Vesicle Dynamics—A Micropattern Approach. Cells, 2018, 7, 94.	4.1	13
479	Autophagy in Metabolic Age-Related Human Diseases. Cells, 2018, 7, 149.	4.1	35
480	Plant autophagy: new flavors on the menu. Current Opinion in Plant Biology, 2018, 46, 113-121.	7.1	47
481	Cerebrovascular Atherosclerosis: Cognitive Dysfunction Progress and Autophagic Regression. , 0, , .		0
483	Protective Role of Autophagy in Nlrp3 Inflammasome Activation and Medial Thickening of Mouse Coronary Arteries. American Journal of Pathology, 2018, 188, 2948-2959.	3.8	35
484	Loperamide, pimozide, and STF-62247 trigger autophagy-dependent cell death in glioblastoma cells. Cell Death and Disease, 2018, 9, 994.	6.3	49
485	Metabolomic study of mouse embryonic fibroblast cells in response to autophagy based on high resolution gas chromatography–mass spectrometry. International Journal of Mass Spectrometry, 2018, 434, 215-221.	1.5	6
486	Heat Shock Proteins and Stress. Heat Shock Proteins, 2018, , .	0.2	5
487	Seeing is believing: methods to monitor vertebrate autophagy <i>in vivo</i> . Open Biology, 2018, 8, .	3.6	32
488	I Spy in the Developing Fly a Multitude of Ways to Die. Journal of Developmental Biology, 2018, 6, 26.	1.7	12
489	Common Traits Spark the Mitophagy/Xenophagy Interplay. Frontiers in Physiology, 2018, 9, 1172.	2.8	13
490	Increasing autophagy does not affect neurogenic muscle atrophy. European Journal of Translational Myology, 2018, 28, 7687.	1.7	12
491	Subversion of cellular autophagy during virus infection: Insights from hepatitis B and hepatitis C viruses. Liver Research, 2018, 2, 146-156.	1.4	17
492	The Endolysosomal System and Proteostasis: From Development to Degeneration. Journal of Neuroscience, 2018, 38, 9364-9374.	3.6	94
493	Extracellular Collagen VI Has Prosurvival and Autophagy Instructive Properties in Mouse Fibroblasts. Frontiers in Physiology, 2018, 9, 1129.	2.8	29

#	Article	IF	CITATIONS
494	Chloroplast Damage Induced by the Inhibition of Fatty Acid Synthesis Triggers Autophagy in Chlamydomonas. Plant Physiology, 2018, 178, 1112-1129.	4.8	42
495	GRASP55 facilitates autophagosome maturation under glucose deprivation. Molecular and Cellular Oncology, 2018, 5, e1494948.	0.7	13
496	TRIM59 regulates autophagy through modulating both the transcription and the ubiquitination of BECN1. Autophagy, 2018, 14, 2035-2048.	9.1	70
497	Autophagy: A New Mechanism of Prosurvival and Drug Resistance in Multiple Myeloma. Translational Oncology, 2018, 11, 1350-1357.	3.7	56
498	Metal–organic frameworks induce autophagy in mouse embryonic fibroblast cells. Nanoscale, 2018, 10, 18161-18168.	5.6	17
499	What We Learned From Big Data for Autophagy Research. Frontiers in Cell and Developmental Biology, 2018, 6, 92.	3.7	12
500	Lipid droplet autophagy during energy mobilization lipid homeostasis and protein quality control. Frontiers in Bioscience - Landmark, 2018, 23, 1552-1563.	3.0	34
501	Autophagy Protects From Uremic Vascular Media Calcification. Frontiers in Immunology, 2018, 9, 1866.	4.8	40
502	mTOR Regulates Phase Separation of PGL Granules to Modulate Their Autophagic Degradation. Cell, 2018, 174, 1492-1506.e22.	28.9	166
503	Physostigmine Restores Impaired Autophagy in the Rat Hippocampus after Surgery Stress and LPS Treatment. Journal of NeuroImmune Pharmacology, 2018, 13, 383-395.	4.1	6
504	Low doses of DNA damaging agents extend Saccharomyces cerevisiae chronological lifespan by promoting entry into quiescence. Experimental Gerontology, 2018, 108, 189-200.	2.8	16
505	Functional variants in the LC3B gene promoter in acute myocardial infarction. Journal of Cellular Biochemistry, 2018, 119, 7339-7349.	2.6	7
506	Inhibition of acetaminophen-induced hepatotoxicity in mice by exogenous thymosinβ4 treatment. International Immunopharmacology, 2018, 61, 20-28.	3.8	16
507	Modulation of autophagy as new approach in mesenchymal stem cell-based therapy. Biomedicine and Pharmacotherapy, 2018, 104, 404-410.	5.6	50
508	Understanding and exploiting the roles of autophagy in plants through multi-omics approaches. Plant Science, 2018, 274, 146-152.	3.6	20
509	Dying to communicate: apoptotic functions of Eph/Ephrin proteins. Apoptosis: an International Journal on Programmed Cell Death, 2018, 23, 265-289.	4.9	10
510	Critical Role of Beclin1 in HIV Tat and Morphine-Induced Inflammation and Calcium Release in Glial Cells from Autophagy Deficient Mouse. Journal of NeuroImmune Pharmacology, 2018, 13, 355-370.	4.1	20
511	Full Nutrition or Not?. Nutrition in Clinical Practice, 2018, 33, 333-338.	2.4	6

#	Article	IF	Citations
512	SGK1 Inhibits Autophagy in Murine Muscle Tissue. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	19
513	An Intervention Target for Myocardial Fibrosis: Autophagy. BioMed Research International, 2018, 2018, 1-10.	1.9	21
514	Defective Autophagy in Atherosclerosis: To Die or to Senesce?. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	113
515	Endosomal Rab cycles regulate Parkin-mediated mitophagy. ELife, 2018, 7, .	6.0	113
516	Mechanistic Insights into Recognitions of Ubiquitin and Myosin VI by Autophagy Receptor TAX1BP1. Journal of Molecular Biology, 2018, 430, 3283-3296.	4.2	20
517	Developmentally regulated autophagy is required for eye formation in <i>Drosophila</i> . Autophagy, 2018, 14, 1499-1519.	9.1	18
518	Yeast Cells Exposed to Exogenous Palmitoleic Acid Either Adapt to Stress and Survive or Commit to Regulated Liponecrosis and Die. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-11.	4.0	9
519	The Clinical Influence of Autophagy-Associated Proteins on Human Lung Cancer. Disease Markers, 2018, 2018, 1-9.	1.3	9
520	Tumor microenvironment mediated by suppression of autophagic flux drives liver malignancy. Biomedical Journal, 2018, 41, 163-168.	3.1	8
521	Sphingolipids as Regulators of Autophagy and Endocytic Trafficking. Advances in Cancer Research, 2018, 140, 27-60.	5.0	33
522	Regulation of V-ATPase Assembly in Nutrient Sensing and Function of V-ATPases in Breast Cancer Metastasis. Frontiers in Physiology, 2018, 9, 902.	2.8	38
523	The degradation pathway of a model misfolded protein is determined by aggregation propensity. Molecular Biology of the Cell, 2018, 29, 1422-1434.	2.1	24
524	Cardiac Arrhythmias and Antiarrhythmic Drugs: An Autophagic Perspective. Frontiers in Physiology, 2018, 9, 127.	2.8	10
525	Autophagy-Associated Shrinkage of the Hepatopancreas in Fasting Male Macrobrachium rosenbergii Is Rescued by Neuropeptide F. Frontiers in Physiology, 2018, 9, 613.	2.8	7
526	Modes of cell death induced by tetrahydroisoquinoline-based analogs in MDA-MB-231 breast and A549 lung cancer cell lines. Drug Design, Development and Therapy, 2018, Volume 12, 1881-1904.	4.3	7
527	Varicella-zoster virus inhibits autophagosome-lysosome fusion and the degradation stage of mTOR-mediated autophagic flux. Virology, 2018, 522, 220-227.	2.4	18
528	Insulin inhibits autophagy signaling independent of counterregulatory hormone levels but does not affect the effects of exercise. Journal of Applied Physiology, 2018, 125, 1204-1209.	2.5	8
529	Cell-Intrinsic Roles for Autophagy in Modulating CD4 T Cell Functions. Frontiers in Immunology, 2018, 9, 1023.	4.8	43

#	Article	IF	CITATIONS
530	Autophagy Impairment Is Associated With Increased Inflammasome Activation and Reversal Reaction Development in Multibacillary Leprosy. Frontiers in Immunology, 2018, 9, 1223.	4.8	16
531	Emerging Mechanisms of Innate Immunity and Their Translational Potential in Inflammatory Bowel Disease. Frontiers in Medicine, 2018, 5, 32.	2.6	36
532	Compromised phagosome maturation underlies RPE pathology in cell culture and whole animal models of Smith-Lemli-Opitz Syndrome. Autophagy, 2018, 14, 1796-1817.	9.1	19
533	Resolvin D1 Resolve Inflammation in Experimental Acute Pancreatitis by Restoring Autophagic Flux. Digestive Diseases and Sciences, 2018, 63, 3359-3366.	2.3	5
534	HSVâ€ʿTK/GCV can induce cytotoxicity of retinoblastoma cells through autophagy inhibition by activating MAPK/ERK. Oncology Reports, 2018, 40, 682-692.	2.6	13
535	The lysosomal membrane protein LAMP2A promotes autophagic flux and prevents SNCA-induced Parkinson disease-like symptoms in the <i>Drosophila</i> brain. Autophagy, 2018, 14, 1898-1910.	9.1	89
536	Autophagy as a promoter of longevity: insights from model organisms. Nature Reviews Molecular Cell Biology, 2018, 19, 579-593.	37.0	513
537	Autophagy and Epigenetics. , 2018, , 295-303.		Ο
538	Cabozantinib Exhibits Potent Antitumor Activity in Colorectal Cancer Patient-Derived Tumor Xenograft Models via Autophagy and Signaling Mechanisms. Molecular Cancer Therapeutics, 2018, 17, 2112-2122.	4.1	33
539	Characterization of the endolysosomal system in human chordoma cell lines: is there a role of lysosomes in chemoresistance of this rare bone tumor?. Histochemistry and Cell Biology, 2018, 150, 83-92.	1.7	10
540	Reduced Autophagy by a microRNA-mediated Signaling Cascade in Diabetes-induced Renal Glomerular Hypertrophy. Scientific Reports, 2018, 8, 6954.	3.3	35
541	Senescence and Abiotic Stress Induce Expression of Autophagy-related Genes in Petunia. Journal of the American Society for Horticultural Science, 2018, 143, 154-163.	1.0	11
542	Autophagy gene overexpression in Saccharomyces cerevisiae perturbs subcellular organellar function and accumulates ROS to accelerate cell death with relevance to sparkling wine production. Applied Microbiology and Biotechnology, 2018, 102, 8447-8464.	3.6	7
543	Endocytosis and Signaling. Progress in Molecular and Subcellular Biology, 2018, , .	1.6	2
544	Autophagy in Paracoccidioides brasiliensis under normal mycelia to yeast transition and under selective nutrient deprivation. PLoS ONE, 2018, 13, e0202529.	2.5	3
545	Autophagy mediates calcium-sensing receptor-induced TNFα production in human preadipocytes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3585-3594.	3.8	15
546	The Lysosome and Intracellular Signalling. Progress in Molecular and Subcellular Biology, 2018, 57, 151-180.	1.6	33
547	Deubiquitinating Enzymes Related to Autophagy: New Therapeutic Opportunities?. Cells, 2018, 7, 112.	4.1	30

	CHATION R	CITATION REPORT	
# 548	ARTICLE Assays to Monitor Aggrephagy in Drosophila Brain. Methods in Molecular Biology, 2018, 1854, 147-157.	IF 0.9	Citations
549	Quantifying autophagy using novel LC3B and p62 TR-FRET assays. PLoS ONE, 2018, 13, e0194423.	2.5	29
550	Proteasomeâ€mediated proteostasis: Novel medicinal and pharmacological strategies for diseases. Medicinal Research Reviews, 2018, 38, 1916-1973.	10.5	29
551	Thyroid Hormone Nuclear Receptor. Methods in Molecular Biology, 2018, , .	0.9	2
552	Autophagy in cancer: a complex relationship. Biochemical Journal, 2018, 475, 1939-1954.	3.7	57
553	Pharmacological Inhibition of Lysosomal Activity as a Method For Monitoring Thyroid Hormone-induced Autophagic Flux in Mammalian Cells In Vitro. Methods in Molecular Biology, 2018, 1801, 111-122.	0.9	2
554	A lysosomal proton pump turns on when glucose runs out. Journal of Biological Chemistry, 2018, 293, 9124-9125.	3.4	5
555	The Importance of Constraints and Control in Biological Mechanisms: Insights from Cancer Research. Philosophy of Science, 2018, 85, 573-593.	1.0	17
556	CCPG1 is a noncanonical autophagy cargo receptor essential for reticulophagy and pancreatic ER proteostasis. Autophagy, 2018, 14, 1107-1109.	9.1	14
557	A systematic view on E3 ligase Ring TRIMmers with a focus on cardiac function and disease. Trends in Cardiovascular Medicine, 2019, 29, 1-8.	4.9	20
558	Physiological status of silver carp (Hypophthalmichthys molitrix) in the Illinois River: An assessment of fish at the leading edge of the invasion front. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 32, 100614.	1.0	11
559	Triacanthine exerts antitumor effects on bladder cancer in vitro and in vivo. Phytomedicine, 2019, 64, 153069.	5.3	22
560	Autophagy–virus interplay in plants: from antiviral recognition to proviral manipulation. Molecular Plant Pathology, 2019, 20, 1211-1216.	4.2	49
561	A Tissue- and Temporal-Specific Autophagic Switch Controls Drosophila Pre-metamorphic Nutritional Checkpoints. Current Biology, 2019, 29, 2840-2851.e4.	3.9	25
562	Autophagy-dependent toxicity of amino-functionalized nanoparticles in ovarian cancer cells. Journal of Materials Chemistry B, 2019, 7, 5376-5391.	5.8	14
563	C-myc/miR-150/EPG5 axis mediated dysfunction of autophagy promotes development of non-small cell lung cancer. Theranostics, 2019, 9, 5134-5148.	10.0	42
564	TOM40 Targets Atg2 to Mitochondria-Associated ER Membranes for Phagophore Expansion. Cell Reports, 2019, 28, 1744-1757.e5.	6.4	84
565	Mitochondrial Uncoupling: A Key Controller of Biological Processes in Physiology and Diseases. Cells, 2019, 8, 795.	4.1	265

#	Article	IF	CITATIONS
566	Proteomic study of the membrane components of signalling cascades of Botrytis cinerea controlled by phosphorylation. Scientific Reports, 2019, 9, 9860.	3.3	13
567	Ginsenoside Rg5 induces G2/M phase arrest, apoptosis and autophagy via regulating ROS-mediated MAPK pathways against human gastric cancer. Biochemical Pharmacology, 2019, 168, 285-304.	4.4	64
568	Interleukin‑17A facilitates osteoclast differentiation and bone resorption via activation of autophagy in mouse bone marrow macrophages. Molecular Medicine Reports, 2019, 19, 4743-4752.	2.4	33
569	BECN1 promotes the migration of NSCLC cells through regulating the ubiquitination of Vimentin. Cell Adhesion and Migration, 2019, 13, 248-258.	2.7	13
570	Heat exposure affected the reproductive performance of pregnant mice: Enhancement of autophagy and alteration of subcellular structure in the corpus luteum. Reproductive Biology, 2019, 19, 261-269.	1.9	10
571	The Hippo network kinase STK38 contributes to protein homeostasis by inhibiting BAC3-mediated autophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1556-1566.	4.1	20
572	mTOR hyperactivation in Down Syndrome underlies deficits in autophagy induction, autophagosome formation, and mitophagy. Cell Death and Disease, 2019, 10, 563.	6.3	72
573	Autophagy: New Insights into Mechanisms of Action and Resistance of Treatment in Acute Promyelocytic leukemia. International Journal of Molecular Sciences, 2019, 20, 3559.	4.1	34
574	Upregulation of the Autophagy Adaptor p62/SQSTM1 Prolongs Health and Lifespan in Middle-Aged Drosophila. Cell Reports, 2019, 28, 1029-1040.e5.	6.4	90
575	Autophagy in Neurons. Annual Review of Cell and Developmental Biology, 2019, 35, 477-500.	9.4	191
576	Selective Autophagy of Mitochondria on a Ubiquitin-Endoplasmic-Reticulum Platform. Developmental Cell, 2019, 50, 627-643.e5.	7.0	101
577	On the Fly: Recent Progress on Autophagy and Aging in Drosophila. Frontiers in Cell and Developmental Biology, 2019, 7, 140.	3.7	46
578	The N-Degron Pathway Mediates ER-phagy. Molecular Cell, 2019, 75, 1058-1072.e9.	9.7	96
579	High-throughput quantitative detection of basal autophagy and autophagic flux using image cytometry. BioTechniques, 2019, 67, 70-73.	1.8	10
580	Possible Effects of Radiofrequency Electromagnetic Field Exposure on Central Nerve System. Biomolecules and Therapeutics, 2019, 27, 265-275.	2.4	126
581	Autophagy contributes to BMP type 2 receptor degradation andÂdevelopment of pulmonary arterial hypertension. Journal of Pathology, 2019, 249, 356-367.	4.5	30
582	PARP1 and Poly(ADP-ribosyl)ation Signaling during Autophagy in Response to Nutrient Deprivation. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	39
583	Neuronal Soma-Derived Degradative Lysosomes Are Continuously Delivered to Distal Axons to Maintain Local Degradation Capacity. Cell Reports, 2019, 28, 51-64.e4.	6.4	100

#	Article	IF	CITATIONS
584	Genetic Analyses of the Arabidopsis ATG1 Kinase Complex Reveal Both Kinase-Dependent and Independent Autophagic Routes during Fixed-Carbon Starvation. Plant Cell, 2019, 31, 2973-2995.	6.6	97
585	Dietary Polyphenols: A Multifactorial Strategy to Target Alzheimer's Disease. International Journal of Molecular Sciences, 2019, 20, 5090.	4.1	57
586	OsATG8c-Mediated Increased Autophagy Regulates the Yield and Nitrogen Use Efficiency in Rice. International Journal of Molecular Sciences, 2019, 20, 4956.	4.1	25
587	Gal8 Visualization of Endosome Disruption Predicts Carrier-Mediated Biologic Drug Intracellular Bioavailability. ACS Nano, 2019, 13, 1136-1152.	14.6	67
588	Psp2, a novel regulator of autophagy that promotes autophagy-related protein translation. Cell Research, 2019, 29, 994-1008.	12.0	23
589	The Function of Autophagy in Lace Plant Programmed Cell Death. Frontiers in Plant Science, 2019, 10, 1198.	3.6	13
590	Transcriptome analysis reveals autophagy as regulator of TGFβ/Smad-induced fibrogenesis in trabecular meshwork cells. Scientific Reports, 2019, 9, 16092.	3.3	21
591	Deciphering the Role Played by Autophagy in Leishmania Infection. Frontiers in Immunology, 2019, 10, 2523.	4.8	11
592	Leishmania donovani parasite requires Atg8 protein for infectivity and survival under stress. Cell Death and Disease, 2019, 10, 808.	6.3	24
593	TGFβ-like DAF-7 acts as a systemic signal for autophagy regulation in <i>C. elegans</i> . Journal of Cell Biology, 2019, 218, 3998-4006.	5.2	13
594	Anti-Proliferative Effects of an Extra-Virgin Olive Oil Extract Enriched in Ligstroside Aglycone and Oleocanthal on Human Liver Cancer Cell Lines. Cancers, 2019, 11, 1640.	3.7	29
595	Insights into replicative senescence of human testicular peritubular cells. Scientific Reports, 2019, 9, 15052.	3.3	33
596	Apoptosis and Autophagy in Picornavirus Infection. Frontiers in Microbiology, 2019, 10, 2032.	3.5	20
597	Tumor Dormancy and Interplay with Hypoxic Tumor Microenvironment. International Journal of Molecular Sciences, 2019, 20, 4305.	4.1	74
598	Core autophagy genes and human diseases. Current Opinion in Cell Biology, 2019, 61, 117-125.	5.4	44
599	VPS37A directs ESCRT recruitment for phagophore closure. Journal of Cell Biology, 2019, 218, 3336-3354.	5.2	74
600	Autophagic Machinery of Plant Peroxisomes. International Journal of Molecular Sciences, 2019, 20, 4754.	4.1	13
601	Autophagy in bone homeostasis and the onset of osteoporosis. Bone Research, 2019, 7, 28.	11.4	125

#	Article	IF	CITATIONS
602	Overexpression of rice gene OsATG8b confers tolerance to nitrogen starvation and increases yield and nitrogen use efficiency (NUE) in Arabidopsis. PLoS ONE, 2019, 14, e0223011.	2.5	41
603	Autophagy modulation in bladder cancer development and treatment (Review). Oncology Reports, 2019, 42, 1647-1655.	2.6	35
604	The RBG-1/RBG-2 complex modulates autophagy activity by regulating lysosomal biogenesis and function. Journal of Cell Science, 2019, 132, .	2.0	8
605	Functional cooperativity of p97 and histone deacetylase 6 in mediating DNA repair in mantle cell lymphoma cells. Leukemia, 2019, 33, 1675-1686.	7.2	12
606	The relationship between autophagy and the immune system and its applications for tumor immunotherapy. Molecular Cancer, 2019, 18, 17.	19.2	239
607	Blockade of crizotinib-induced BCL2 elevation in ALK-positive anaplastic large cell lymphoma triggers autophagy associated with cell death. Haematologica, 2019, 104, 1428-1439.	3.5	16
608	Chaperone Mediated Autophagy in the Crosstalk of Neurodegenerative Diseases and Metabolic Disorders. Frontiers in Endocrinology, 2018, 9, 778.	3.5	67
609	Ser289 phosphorylation activates both DAPK1 and DAPK2 but in response to different intracellular signaling pathways. Cell Cycle, 2019, 18, 1169-1176.	2.6	3
610	Rapamycin modulates tissue aging and lifespan independently of the gut microbiota in Drosophila. Scientific Reports, 2019, 9, 7824.	3.3	66
611	Role of TFEB in autophagic modulation of ischemia reperfusion injury in mice kidney and protection by urolithin A. Food and Chemical Toxicology, 2019, 131, 110591.	3.6	25
612	Seasonal Variation of the Intraepithelial Gland in Camel Epididymis with Special Reference to Autophagosome. Microscopy and Microanalysis, 2019, 25, 1052-1060.	0.4	15
613	JunÃn virus induces autophagy in human A549 cells. PLoS ONE, 2019, 14, e0218730.	2.5	10
614	Exosomal miRNA in chemoresistance, immune evasion, metastasis and progression of cancer. Drug Discovery Today, 2019, 24, 2058-2067.	6.4	89
615	Decreased Autophagy Impairs Decidualization of Human Endometrial Stromal Cells: A Role for ATG Proteins in Endometrial Physiology. International Journal of Molecular Sciences, 2019, 20, 3066.	4.1	30
616	Crosstalk between autophagy and epithelial-mesenchymal transition and its application in cancer therapy. Molecular Cancer, 2019, 18, 101.	19.2	202
617	Rsp5 and Mdm30 reshape the mitochondrial network in response to age-induced vacuole stress. Molecular Biology of the Cell, 2019, 30, 2141-2154.	2.1	15
618	Macropinosomes as units of signal transduction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180157.	4.0	33
619	Role of tumor and host autophagy in cancer metabolism. Genes and Development, 2019, 33, 610-619.	5.9	203

#	Article	IF	CITATIONS
620	Longâ€ŧerm effects of maternal choline supplementation on CA1 pyramidal neuron gene expression in the Ts65Dn mouse model of Down syndrome and Alzheimer's disease. FASEB Journal, 2019, 33, 9871-9884.	0.5	16
621	Harnessing Calciumâ€Oxalate―(CaOxâ€) Nanocrystalâ€Induced Prodeath Autophagy for Attenuating Human Renal Proximal Tubular Epithelial Cell Injury. Particle and Particle Systems Characterization, 2019, 36, 1900083.	2.3	4
622	Role of autophagy in atherosclerosis: foe or friend?. Journal of Inflammation, 2019, 16, 8.	3.4	64
623	Cyclic AMP induction of Dictyostelium prespore gene expression requires autophagy. Developmental Biology, 2019, 452, 114-126.	2.0	13
624	Targeting ATG4 in Cancer Therapy. Cancers, 2019, 11, 649.	3.7	36
625	Beclin1 Modulates Bone Homeostasis by Regulating Osteoclast and Chondrocyte Differentiation. Journal of Bone and Mineral Research, 2019, 34, 1753-1766.	2.8	63
626	Rab5-dependent autophagosome closure by ESCRT. Journal of Cell Biology, 2019, 218, 1908-1927.	5.2	125
627	Modulating autophagy as a therapeutic strategy for the treatment of paediatric highâ€grade glioma. Brain Pathology, 2019, 29, 707-725.	4.1	12
628	Mitophagy in Yeast. Biochemistry (Moscow), 2019, 84, 225-232.	1.5	5
629	Autophagy dysfunctions associated with cancer cells and their therapeutic implications. Biomedicine and Pharmacotherapy, 2019, 115, 108892.	5.6	35
630	Genetic manipulations of autophagy regulate adipocyteÂdifferentiation and metabolism. Current Opinion in Endocrine and Metabolic Research, 2019, 5, 74-81.	1.4	1
631	Unappreciated Role of LDHA and LDHB to Control Apoptosis and Autophagy in Tumor Cells. International Journal of Molecular Sciences, 2019, 20, 2085.	4.1	153
632	Aqueous extract of clove inhibits tumor growth by inducing autophagy through AMPK/ULK pathway. Phytotherapy Research, 2019, 33, 1794-1804.	5.8	28
633	A natural diarylheptanoid protects cortical neurons against oxygen–glucose deprivation-induced autophagy and apoptosis. Journal of Pharmacy and Pharmacology, 2019, 71, 1110-1118.	2.4	24
634	Niclosamide Triggers Non-Canonical LC3 Lipidation. Cells, 2019, 8, 248.	4.1	14
635	Autophagy-dependent secretion: mechanism, factors secreted, and disease implications. Autophagy, 2019, 15, 1682-1693.	9.1	138
636	Influence of Normal Aging on Brain Autophagy: A Complex Scenario. Frontiers in Aging Neuroscience, 2019, 11, 49.	3.4	68
637_	Primary Cilium in Cancer Hallmarks. International Journal of Molecular Sciences, 2019, 20, 1336.	4.1	65
#	Article	IF	CITATIONS
-----	---	------	-----------
638	Identification and Characterization of an Autophagy-Related Gene Acatg12 in Acremonium chrysogenum. Current Microbiology, 2019, 76, 545-551.	2.2	6
639	miRâ€20a inhibits hypoxiaâ€induced autophagy by targeting ATG5/FIP200 in colorectal cancer. Molecular Carcinogenesis, 2019, 58, 1234-1247.	2.7	30
640	Autophagy in Zika Virus Infection: A Possible Therapeutic Target to Counteract Viral Replication. International Journal of Molecular Sciences, 2019, 20, 1048.	4.1	32
641	Phase Separation, Transition, and Autophagic Degradation of Proteins in Development and Pathogenesis. Trends in Cell Biology, 2019, 29, 417-427.	7.9	84
642	Reciprocal Regulation of V-ATPase and Glycolytic Pathway Elements in Health and Disease. Frontiers in Physiology, 2019, 10, 127.	2.8	32
643	Autophagy-associated signal pathways of functional foods for chronic diseases. Food Science and Human Wellness, 2019, 8, 25-33.	4.9	13
644	EMT Regulation by Autophagy: A New Perspective in Glioblastoma Biology. Cancers, 2019, 11, 312.	3.7	93
645	Bacterial interaction with host autophagy. Virulence, 2019, 10, 352-362.	4.4	33
646	Autophagic Turnover of Chloroplasts: Its Roles and Regulatory Mechanisms in Response to Sugar Starvation. Frontiers in Plant Science, 2019, 10, 280.	3.6	35
647	Lysosomal enzyme activities as possible CSF biomarkers of synucleinopathies. Clinica Chimica Acta, 2019, 495, 13-24.	1.1	18
648	USP8 maintains embryonic stem cell stemness via deubiquitination of EPG5. Nature Communications, 2019, 10, 1465.	12.8	35
649	Autophagy at synapses in neurodegenerative diseases. Archives of Pharmacal Research, 2019, 42, 407-415.	6.3	32
650	Watch What You (Self-) Eat: Autophagic Mechanisms that Modulate Metabolism. Cell Metabolism, 2019, 29, 803-826.	16.2	206
651	Mechanisms of Cell Death Induced by Optical Hyperthermia. , 2019, , 201-228.		9
652	An autophagy deficiency promotes methylmercury-induced multinuclear cell formation. Biochemical and Biophysical Research Communications, 2019, 511, 460-467.	2.1	7
653	Autophagy requires Tip20 in Saccharomyces cerevisiae. Journal of Biosciences, 2019, 44, 1.	1.1	0
654	Autophagy Intertwines with Different Diseases—Recent Strategies for Therapeutic Approaches. Diseases (Basel, Switzerland), 2019, 7, 15.	2.5	18
655	Crosstalk between Autophagy and Type I Interferon Responses in Innate Antiviral Immunity. Viruses, 2019, 11, 132.	3.3	64

#	Article	IF	CITATIONS
656	Regulation of the innate immune system by autophagy: neutrophils, eosinophils, mast cells, NK cells. Cell Death and Differentiation, 2019, 26, 703-714.	11.2	77
657	Members of the autophagy class III phosphatidylinositol 3-kinase complex I interact with GABARAP and GABARAPL1 via LIR motifs. Autophagy, 2019, 15, 1333-1355.	9.1	86
658	Do human dermal adipocytes switch from lipogenesis in anagen to lipophagy and lipolysis during catagen in the human hair cycle?. Experimental Dermatology, 2019, 28, 432-435.	2.9	26
659	Towards understanding mRNA-binding protein specificity: lessons from post-transcriptional regulation of ATG mRNA during nitrogen starvation-induced autophagy. Current Genetics, 2019, 65, 847-849.	1.7	4
660	Functional Characterization of Ubiquitin-Like Core Autophagy Protein ATG12 in Dictyostelium discoideum. Cells, 2019, 8, 72.	4.1	15
661	The autophagy-related gene Atg101 in Drosophila regulates both neuron and midgut homeostasis. Journal of Biological Chemistry, 2019, 294, 5666-5676.	3.4	25
662	Dictyostelium discoideum and autophagy – a perfect pair. International Journal of Developmental Biology, 2019, 63, 485-495.	0.6	12
663	Autophagy is increased in cryptorchid testis resulting in abnormal spermatozoa. Asian Journal of Andrology, 2019, 21, 570.	1.6	31
664	Autophagy and Age-Related Eye Diseases. BioMed Research International, 2019, 2019, 1-12.	1.9	29
665	Protein Amphipathic Helix Insertion: A Mechanism to Induce Membrane Fission. Frontiers in Cell and Developmental Biology, 2019, 7, 291.	3.7	50
666	Autophagy and Nutrients Management in Plants. Cells, 2019, 8, 1426.	4.1	50
667	Structural Biology and Electron Microscopy of the Autophagy Molecular Machinery. Cells, 2019, 8, 1627.	4.1	9
668	Autophagy and pulmonary disease. Therapeutic Advances in Respiratory Disease, 2019, 13, 175346661989053.	2.6	49
669	The Role and Mechanism of SIRT1 in Resveratrol-regulated Osteoblast Autophagy in Osteoporosis Rats. Scientific Reports, 2019, 9, 18424.	3.3	105
670	The Upstream Pathway of mTOR-Mediated Autophagy in Liver Diseases. Cells, 2019, 8, 1597.	4.1	162
671	Involvement of phosphatase and tensin homolog-induced putative kinase 1–Parkin-mediated mitophagy in septic acute kidney injury. Chinese Medical Journal, 2019, 132, 2340-2347.	2.3	14
672	Enhancement of Quercetin-Induced Apoptosis by Cotreatment with Autophagy Inhibitor Is Associated with Augmentation of BAK-Dependent Mitochondrial Pathway in Jurkat T Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	4.0	14
674	Beta-propeller protein-associated neurodegeneration (BPAN) as a genetically simple model of multifaceted neuropathology resulting from defects in autophagy. Reviews in the Neurosciences, 2019, 30, 261-277.	2.9	18

#	Article	IF	CITATIONS
675	Autophagosome maturation: An epic journey from the ER to lysosomes. Journal of Cell Biology, 2019, 218, 757-770.	5.2	236
676	On the edge of degradation: Autophagy regulation by RNA decay. Wiley Interdisciplinary Reviews RNA, 2019, 10, e1522.	6.4	11
677	Autophagy induced by ionizing radiation promotes cell death over survival in human colorectal cancer cells. Experimental Cell Research, 2019, 374, 29-37.	2.6	25
678	Autophagy and aging: Maintaining the proteome through exercise and caloric restriction. Aging Cell, 2019, 18, e12876.	6.7	157
679	Activated toll-like receptor 4 is involved in oridonin-induced phagocytosis via promotion of migration and autophagy-lysosome pathway in RAW264.7 macrophages. International Immunopharmacology, 2019, 66, 99-108.	3.8	13
680	Autophagy in childhood neurological disorders. Developmental Medicine and Child Neurology, 2019, 61, 639-645.	2.1	8
681	Diverse Functions of Autophagy in Liver Physiology and Liver Diseases. International Journal of Molecular Sciences, 2019, 20, 300.	4.1	78
682	Imaging Noncanonical Autophagy and LC3-Associated Phagocytosis in Cultured Cells. Methods in Molecular Biology, 2019, 1880, 295-303.	0.9	3
683	Methods to Determine the Role of Autophagy Proteins in C. elegans Aging. Methods in Molecular Biology, 2019, 1880, 561-586.	0.9	1
684	Reconstituting Autophagy Initiation from Purified Components. Methods in Molecular Biology, 2019, 1880, 119-133.	0.9	1
685	Cell-Free Reconstitution of Autophagic Membrane Formation. Methods in Molecular Biology, 2019, 1880, 135-148.	0.9	1
686	The Roles of Ubiquitin-Binding Protein Shuttles in the Degradative Fate of Ubiquitinated Proteins in the Ubiquitin-Proteasome System and Autophagy. Cells, 2019, 8, 40.	4.1	88
687	Independent losses and duplications of autophagyâ€related genes in fungal tree of life. Environmental Microbiology, 2019, 21, 226-243.	3.8	11
688	Autophagy induction impairs Wnt/β-catenin signalling through β-catenin relocalisation in glioblastoma cells. Cellular Signalling, 2019, 53, 357-364.	3.6	33
690	PINK1-dependent mitophagy is driven by the UPS and can occur independently of LC3 conversion. Cell Death and Differentiation, 2019, 26, 1428-1441.	11.2	44
691	Methods for Monitoring Macroautophagy in Pancreatic Cancer Cells. Methods in Molecular Biology, 2019, 1882, 197-206.	0.9	2
692	Oxidative stress, autophagy and airway ion transport. American Journal of Physiology - Cell Physiology, 2019, 316, C16-C32.	4.6	18
693	Autophagy: A new strategy for host-directed therapy of tuberculosis. Virulence, 2019, 10, 448-459.	4.4	113

IF ARTICLE CITATIONS Autophagy and Senescence., 2019, , 239-253. 694 1 The Pat1-Lsm Complex Stabilizes ATG mRNA during Nitrogen Starvation-Induced Autophagy. Molecular 28 Cell, 2019, 73, 314-324.e4. 696 Exploiting Nanomaterialâ€Mediated Autophagy for Cancer Therapy. Small Methods, 2019, 3, 1800365. 8.6 25 Association of single nucleotide autophagyâ€related protein 5 gene polymorphism rs2245214 with susceptibility to non–small cell lung cancer. Journal of Cellular Biochemistry, 2019, 120, 1924-1931. A cancer associated somatic mutation in LC3B attenuates its binding to E1-like ATG7 protein and 698 9.1 7 subsequent lipidation. Autophagy, 2019, 15, 438-452. Autophagy: A Lysosome-Dependent Process with Implications in Cellular Redox Homeostasis and Human Disease. Antioxidants and Redox Signaling, 2019, 30, 138-159. 5.4 Autophagy: A Role in the Apoptosis, Survival, Inflammation, and Development of the Retina. Ophthalmic 700 1.9 41 Research, 2019, 61, 65-72. Role of <i>Wdr45b</i> in maintaining neural autophagy and cognitive function. Autophagy, 2020, 16, 9.1 615-625. The tissue- and developmental stage-specific involvement of autophagy genes in aggrephagy. 702 9.1 9 Autophagy, 2020, 16, 589-599. Patterns of LC3A Autophagy Protein Expression in Keratoacanthomas. Head and Neck Pathology, 2020, 2.6 14, 150-155. Autophagy in Pulmonary Innate Immunity. Journal of Innate Immunity, 2020, 12, 21-30. 704 3.8 13 Epigenetic targeting of autophagy for cancer prevention and treatment by natural compounds. 9.6 30 Seminars in Cancer Biology, 2020, 66, 34-44. Identification of transcription factors that regulate <i>ATG8</i> 706 9.1 81 <i>Arabidopsis</i>. Autophagy, 2020, 16, 123-139. Autophagy in Autoimmunity., 2020, , 305-317. Autophagy as a novel therapeutic target in vascular calcification., 2020, 206, 107430. 708 60 Antiosteoclastic bone resorption activity of osteoprotegerin via enhanced AKT/mTOR/ULK1â€mediated autophagic pathway. Journal of Cellular Physiology, 2020, 235, 3002-3012. The cellular responses of autophagy, apoptosis, and 5-methylcytosine level in zebrafish cells upon 710 8.2 17 nutrient deprivation stress. Chemosphere, 2020, 241, 124989. Emerging role of mitophagy in cardiovascular physiology and pathology. Molecular Aspects of 6.4 114 Medicine, 2020, 71, 100822.

#	Article	IF	CITATIONS
712	Breaking Bad and Breaking Good: β-Cell Autophagy Pathways in Diabetes. Journal of Molecular Biology, 2020, 432, 1494-1513.	4.2	17
713	Lipids and Lipid-Binding Proteins in Selective Autophagy. Journal of Molecular Biology, 2020, 432, 135-159.	4.2	36
714	Subnanometer resolution cryo-EM structure of <i>Arabidopsis thaliana</i> ATG9. Autophagy, 2020, 16, 575-583.	9.1	36
715	The transcription factor Spt4-Spt5 complex regulates the expression of <i>ATG8</i> and <i>ATG41</i> . Autophagy, 2020, 16, 1172-1185.	9.1	9
716	PAQR3 suppresses the growth of non-small cell lung cancer cells via modulation of EGFR-mediated autophagy. Autophagy, 2020, 16, 1236-1247.	9.1	52
717	At a glance: A history of autophagy and cancer. Seminars in Cancer Biology, 2020, 66, 3-11.	9.6	70
718	On the relevance of precision autophagy flux control <i>in vivo</i> – Points of departure for clinical translation. Autophagy, 2020, 16, 750-762.	9.1	18
719	Molecular evolution of autophagy rate-limiting factor LAMP2 in placental mammals. Gene, 2020, 727, 144231.	2.2	5
720	Hydroxycinnamic acids and human health: recent advances. Journal of the Science of Food and Agriculture, 2020, 100, 483-499.	3.5	96
721	Discordant placental oxygenation and autophagy in twin anemia-polycythemia sequence (TAPS). Placenta, 2020, 90, 9-17.	1.5	6
722	Autophagy in Female Fertility: A Role in Oxidative Stress and Aging. Antioxidants and Redox Signaling, 2020, 32, 550-568.	5.4	67
723	The tripartite interaction of phosphate, autophagy, and αKlotho in health maintenance. FASEB Journal, 2020, 34, 3129-3150.	0.5	18
724	Combined EGFR and ROCK Inhibition in Triple-negative Breast Cancer Leads to Cell Death Via Impaired Autophagic Flux. Molecular and Cellular Proteomics, 2020, 19, 261-277.	3.8	14
725	2-Deoxy-d-Glucose and Its Analogs: From Diagnostic to Therapeutic Agents. International Journal of Molecular Sciences, 2020, 21, 234.	4.1	257
726	Stimulation of autophagy improves vascular function in the mesenteric arteries of type 2 diabetic mice. Experimental Physiology, 2020, 105, 192-200.	2.0	13
727	Autophagy and disease: unanswered questions. Cell Death and Differentiation, 2020, 27, 858-871.	11.2	256
728	Lawsone, a 2-hydroxy-1,4-naphthoquinone from Lawsonia inermis (henna), produces mitochondrial dysfunctions and triggers mitophagy in Saccharomyces cerevisiae. Molecular Biology Reports, 2020, 47, 1173-1185.	2.3	18
729	Cell and Tissue Destruction in Selected Disorders. , 2020, , 249-287.		0

#	Article	IF	CITATIONS
730	Allâ€ <i>trans</i> retinoic acid (ATRA)â€induced <i>TFEB</i> expression is required for myeloid differentiation in acute promyelocytic leukemia (APL). European Journal of Haematology, 2020, 104, 236-250.	2.2	21
731	Low-dose nicotine promotes autophagy of cardiomyocytes by upregulating HO-1 expression. Biochemical and Biophysical Research Communications, 2020, 522, 1015-1021.	2.1	11
732	Streamlined particle quantification (SParQ) plug-in is an automated fluorescent vesicle quantification plug-in for particle quantification in Fiji/ImageJ. Autophagy, 2020, 16, 1711-1717.	9.1	5
733	Non-coding RNAs regulate autophagy process via influencing the expression of associated protein. Progress in Biophysics and Molecular Biology, 2020, 151, 32-39.	2.9	7
734	Astrocytes autophagy in aging and neurodegenerative disorders. Biomedicine and Pharmacotherapy, 2020, 122, 109691.	5.6	47
735	The ER-Localized Transmembrane Protein TMEM39A/SUSR2 Regulates Autophagy by Controlling the Trafficking of the PtdIns(4)P Phosphatase SAC1. Molecular Cell, 2020, 77, 618-632.e5.	9.7	33
736	Downregulation of miR-541 induced by heat stress contributes to malignant transformation of human bronchial epithelial cells via HSP27. Environmental Research, 2020, 184, 108954.	7.5	9
737	Lowering Mutant Huntingtin Levels and Toxicity: Autophagy-Endolysosome Pathways in Huntington's Disease. Journal of Molecular Biology, 2020, 432, 2673-2691.	4.2	26
738	Links between autophagy and disorders of glycogen metabolism – Perspectives on pathogenesis and possible treatments. Molecular Genetics and Metabolism, 2020, 129, 3-12.	1.1	13
739	An Update on Autophagy in Prion Diseases. Frontiers in Bioengineering and Biotechnology, 2020, 8, 975.	4.1	14
740	Natural Compounds and Autophagy: Allies Against Neurodegeneration. Frontiers in Cell and Developmental Biology, 2020, 8, 555409.	3.7	56
741	Study of mitophagy and ATP-related metabolomics based on β-amyloid levels in Alzheimer's disease. Experimental Cell Research, 2020, 396, 112266.	2.6	17
742	Lysosomal quality control of cell fate: a novel therapeutic target for human diseases. Cell Death and Disease, 2020, 11, 817.	6.3	63
743	Hypoxia-autophagy axis induces VEGFA by peritoneal mesothelial cells to promote gastric cancer peritoneal metastasis through an integrin α5-fibronectin pathway. Journal of Experimental and Clinical Cancer Research, 2020, 39, 221.	8.6	33
744	Ambra1 Alleviates Hypoxia/Reoxygenation Injury in H9C2 Cells by Regulating Autophagy and Reactive Oxygen Species. BioMed Research International, 2020, 2020, 1-12.	1.9	3
745	Signalling pathways linking cysteine cathepsins to adverse cardiac remodelling. Cellular Signalling, 2020, 76, 109770.	3.6	6
746	microRNA-based autophagy inhibition as targeted therapy in pancreatic cancer. Biomedicine and Pharmacotherapy, 2020, 132, 110799.	5.6	13
747	Mechanisms of muscle insulin resistance and the crossâ€ŧalk with liver and adipose tissue. Physiological Reports, 2020, 8, e14607.	1.7	76

#	Article	IF	Citations
748	BNIP3L/Nix-induced mitochondrial fission, mitophagy, and impaired myocyte glucose uptake are abrogated by PRKA/PKA phosphorylation. Autophagy, 2021, 17, 2257-2272.	9.1	59
749	Significant contribution of autophagy in mitigating cytotoxicity of gadolinium ions. Biochemical and Biophysical Research Communications, 2020, 526, 206-212.	2.1	8
750	Human Induced Pluripotent Stem Cell Models of Neurodegenerative Disorders for Studying the Biomedical Implications of Autophagy. Journal of Molecular Biology, 2020, 432, 2754-2798.	4.2	15
751	Autophagy core protein ATG5 is required for elongating spermatid development, sperm individualization and normal fertility in male mice. Autophagy, 2021, 17, 1753-1767.	9.1	65
752	Differential expression and prognostic relevance of autophagy-related markers ATG4B, GABARAP, and LC3B in breast cancer. Breast Cancer Research and Treatment, 2020, 183, 525-547.	2.5	17
753	Global analysis of protein degradation in prion infected cells. Scientific Reports, 2020, 10, 10800.	3.3	2
754	Up-regulation of autophagy by low concentration of salicylic acid delays methyl jasmonate-induced leaf senescence. Scientific Reports, 2020, 10, 11472.	3.3	18
755	Assessment of mammalian endosomal microautophagy. Methods in Cell Biology, 2021, 164, 167-185.	1.1	11
756	Loss of TAX1BP1-Directed Autophagy Results in Protein Aggregate Accumulation in the Brain. Molecular Cell, 2020, 80, 779-795.e10.	9.7	85
757	Autophagy in Multiple Sclerosis: Two Sides of the Same Coin. Frontiers in Cellular Neuroscience, 2020, 14, 603710.	3.7	30
758	Autophagy and Redox Homeostasis in Parkinson's: A Crucial Balancing Act. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-38.	4.0	14
759	Co-administration of TiO2-nanowired dl-3-n-butylphthalide (dl-NBP) and mesenchymal stem cells enhanced neuroprotection in Parkinson's disease exacerbated by concussive head injury. Progress in Brain Research, 2020, 258, 101-155.	1.4	16
760	Targeting autophagy to overcome drug resistance: further developments. Journal of Hematology and Oncology, 2020, 13, 159.	17.0	110
761	Lipidome Remodeling and Autophagic Respose in the Arachidonic-Acid-Rich Microalga Lobosphaera incisa Under Nitrogen and Phosphorous Deprivation. Frontiers in Plant Science, 2020, 11, 614846.	3.6	22
762	Triangular Relationship between p53, Autophagy, and Chemotherapy Resistance. International Journal of Molecular Sciences, 2020, 21, 8991.	4.1	40
763	The Role of Autophagy in Liver Cancer: Crosstalk in Signaling Pathways and Potential Therapeutic Targets. Pharmaceuticals, 2020, 13, 432.	3.8	32
764	Role of autophagy in intervertebral disc and cartilage function: implications in health and disease. Matrix Biology, 2021, 100-101, 207-220.	3.6	29
765	Role of autophagy in antigen presentation and its involvement on cancer immunotherapy. , 2020, , 175-196.		0

#	Article	IF	CITATIONS
766	Autophagy inhibition is the next step in the treatment of glioblastoma patients following the Stupp era. Cancer Gene Therapy, 2020, 28, 971-983.	4.6	6
767	An improved method for high-throughput quantification of autophagy in mammalian cells. Scientific Reports, 2020, 10, 12241.	3.3	21
768	Effects of Physical Exercise on Autophagy and Apoptosis in Aged Brain: Human and Animal Studies. Frontiers in Nutrition, 2020, 7, 94.	3.7	27
769	Retinoic Acid Alleviates Cisplatin-Induced Acute Kidney Injury Through Activation of Autophagy. Frontiers in Pharmacology, 2020, 11, 987.	3.5	13
770	Phase Separation in Membrane Biology: The Interplay between Membrane-Bound Organelles and Membraneless Condensates. Developmental Cell, 2020, 55, 30-44.	7.0	176
771	Protein Homeostasis Networks and the Use of Yeast to Guide Interventions in Alzheimer's Disease. International Journal of Molecular Sciences, 2020, 21, 8014.	4.1	15
772	Organic Selenium Reaches the Central Nervous System and Downmodulates Local Inflammation: A Complementary Therapy for Multiple Sclerosis?. Frontiers in Immunology, 2020, 11, 571844.	4.8	13
773	Nuclear Receptors as Autophagy-Based Antimicrobial Therapeutics. Cells, 2020, 9, 1979.	4.1	8
774	Identification of Annexin A2 as a key mTOR target to induce roller coaster pattern of autophagy fluctuation in stress. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165952.	3.8	6
775	WW and C2 domain-containing protein-3 promoted EBSS-induced apoptosis through inhibiting autophagy in non-small cell lung cancer cells. Journal of Thoracic Disease, 2020, 12, 4205-4215.	1.4	3
776	Interaction between the autophagy protein Beclin 1 and Na+,K+-ATPase during starvation, exercise, and ischemia. JCI Insight, 2020, 5, .	5.0	37
777	The Role of Autophagy in Manganese-Induced Neurotoxicity. Frontiers in Neuroscience, 2020, 14, 574750.	2.8	14
778	Roles of Specialized Pro-Resolving Lipid Mediators in Autophagy and Inflammation. International Journal of Molecular Sciences, 2020, 21, 6637.	4.1	13
779	Vitamin D3-VDR-PTPN6 axis mediated autophagy contributes to the inhibition of macrophage foam cell formation. Autophagy, 2021, 17, 2273-2289.	9.1	36
780	Cerebrospinal fluid endo-lysosomal proteins as potential biomarkers for Huntington's disease. PLoS ONE, 2020, 15, e0233820.	2.5	8
781	Intersecting roles of ER stress, mitochondrial dysfunction, autophagy, and calcium homeostasis in HIV-associated neurocognitive disorder. Journal of NeuroVirology, 2020, 26, 664-675.	2.1	11
782	Decoding three distinct states of the Syntaxin17 SNARE motif in mediating autophagosome–lysosome fusion. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21391-21402.	7.1	23
783	Actively Targeted Nanodelivery of Echinomycin Induces Autophagy-Mediated Death in Chemoresistant Pancreatic Cancer In Vivo. Cancers, 2020, 12, 2279.	3.7	14

		CITATION REPORT		
#	Article		IF	Citations
784	Targeting Mitophagy in Alzheimer's Disease. Journal of Alzheimer's Disease, 2020,	78, 1273-1297.	2.6	6
785	Role of Autophagy in the Microenvironment of Oral Squamous Cell Carcinoma. Frontie Oncology, 2020, 10, 602661.	rs in	2.8	21
786	Recent Advances in Single-Particle Electron Microscopic Analysis of Autophagy Degrad Machinery. International Journal of Molecular Sciences, 2020, 21, 8051.	ation	4.1	3
787	ER-phagy in human atherosclerosis: an exploratory ultrastructural study. Ultrastructura Pathology, 2020, 44, 489-495.	al	0.9	2
788	The fluorescence toolbox for visualizing autophagy. Chemical Society Reviews, 2020, 4	19, 8354-8389.	38.1	33
789	Mechanism of autophagy regulating chemoresistance in esophageal cancer cells. Expe Molecular Pathology, 2020, 117, 104564.	rimental and	2.1	3
790	Beute für das Proteasom: Gezielter Proteinabbau aus medizinalchemischer Perspekt Chemie, 2020, 132, 15576-15595.	ive. Angewandte	2.0	6
791	Prey for the Proteasome: Targeted Protein Degradation—A Medicinal Chemist's Persµ Angewandte Chemie - International Edition, 2020, 59, 15448-15466.	pective.	13.8	102
792	Mechanisms of Long Non-Coding RNAs in Cancers and Their Dynamic Regulations. Car 1245.	ncers, 2020, 12,	3.7	95
793	Mitochondrial Fusion Machinery Specifically Involved in Energy Deprivation-Induced Au Frontiers in Cell and Developmental Biology, 2020, 8, 221.	itophagy.	3.7	7
794	Lysosomal Biology and Function: Modern View of Cellular Debris Bin. Cells, 2020, 9, 11	.31.	4.1	144
795	The Role of Autophagy in White Adipose Tissue Function: Implications for Metabolic H Metabolites, 2020, 10, 179.	ealth.	2.9	46
796	A Penicillium rubens platform strain for secondary metabolite production. Scientific Re 10, 7630.	ports, 2020,	3.3	33
797	Closing the Gap: Membrane Contact Sites in the Regulation of Autophagy. Cells, 2020	, 9, 1184.	4.1	26
798	The Unfolded Protein Response: Neutron-Induced Therapy Autophagy as a Promising T for Osteosarcoma. International Journal of Molecular Sciences, 2020, 21, 3766.	reatment Option	4.1	5
799	Discovery of a fluorescigenic pyrazoline derivative targeting ubiquitin. Biochemical and Research Communications, 2020, 528, 256-260.	Biophysical	2.1	4
800	Autophagy Suppresses Toll-Like Receptor 3-Mediated Inflammatory Reaction in Humar Keratinocytes. BioMed Research International, 2020, 2020, 1-8.	ı Epidermal	1.9	7
801	Membrane peroxidation index and maximum lifespan are negatively correlated in fish c <i>Nothobranchius</i> . Journal of Experimental Biology, 2020, 223, .	of genus	1.7	4

#	Article	IF	CITATIONS
802	<p>Metformin Promotes Beclin1-Dependent Autophagy to Inhibit the Progression of Gastric Cancer</p> . OncoTargets and Therapy, 2020, Volume 13, 4445-4455.	2.0	17
803	Liquid-liquid phase separation in biology: mechanisms, physiological functions and human diseases. Science China Life Sciences, 2020, 63, 953-985.	4.9	164
804	Rhinovirus and Innate Immune Function of Airway Epithelium. Frontiers in Cellular and Infection Microbiology, 2020, 10, 277.	3.9	23
805	Differential activation of eMI by distinct forms of cellular stress. Autophagy, 2021, 17, 1828-1840.	9.1	20
806	Vac8 determines phagophore assembly site vacuolar localization during nitrogen starvation-induced autophagy. Autophagy, 2021, 17, 1636-1648.	9.1	22
807	Impact of HDAC Inhibitors on Protein Quality Control Systems: Consequences for Precision Medicine in Malignant Disease. Frontiers in Cell and Developmental Biology, 2020, 8, 425.	3.7	28
808	The Role of Deubiquitinating Enzymes in the Various Forms of Autophagy. International Journal of Molecular Sciences, 2020, 21, 4196.	4.1	19
809	Effect of Astaxanthin on Activation of Autophagy and Inhibition of Apoptosis in Helicobacter pylori-Infected Gastric Epithelial Cell Line AGS. Nutrients, 2020, 12, 1750.	4.1	27
810	Oxyresveratrol Induces Autophagy via the ER Stress Signaling Pathway, and Oxyresveratrol-Induced Autophagy Stimulates MUC2 Synthesis in Human Goblet Cells. Antioxidants, 2020, 9, 214.	5.1	6
811	Therapeutic Potential of Autophagy Modulation in Cholangiocarcinoma. Cells, 2020, 9, 614.	4.1	22
812	Measurement of autophagy flux in benign prostatic hyperplasia inÂvitro. Prostate International, 2020, 8, 70-77.	2.3	8
813	Autophagy compensates for defects in mitochondrial dynamics. PLoS Genetics, 2020, 16, e1008638.	3.5	22
814	Peroxisomal Dysfunction in Neurological Diseases and Brain Aging. Frontiers in Cellular Neuroscience, 2020, 14, 44.	3.7	29
815	Cellular adaptation to hypoxia through hypoxia inducible factors and beyond. Nature Reviews Molecular Cell Biology, 2020, 21, 268-283.	37.0	595
816	The role of epigenetics and non-coding RNAs in autophagy: A new perspective for thorough understanding. Mechanisms of Ageing and Development, 2020, 190, 111309.	4.6	25
817	A Novel E2F1-EP300-VMP1 Pathway Mediates Gemcitabine-Induced Autophagy in Pancreatic Cancer Cells Carrying Oncogenic KRAS. Frontiers in Endocrinology, 2020, 11, 411.	3.5	13
818	Annexin A2 in Inflammation and Host Defense. Cells, 2020, 9, 1499.	4.1	67
819	A Handbook of Gene and Cell Therapy. , 2020, , .		9

#	Article	IF	CITATIONS
820	Thiopeptides Induce Proteasome-Independent Activation of Cellular Mitophagy. ACS Chemical Biology, 2020, 15, 2164-2174.	3.4	9
821	Casein Kinase 1 Family Member CK1Î′/Hrr25 Is Required for Autophagosome Completion. Frontiers in Cell and Developmental Biology, 2020, 8, 460.	3.7	5
822	Role of Autophagy in Lung Inflammation. Frontiers in Immunology, 2020, 11, 1337.	4.8	43
823	<p>The Acetone Indigo Red Dehydrating Agent IF203 Induces HepG2 Cell Death Through Cell Cycle Arrest, Autophagy and Apoptosis</p> . OncoTargets and Therapy, 2020, Volume 13, 473-486.	2.0	1
824	Chloropupukeananin and Pestalofone C Regulate Autophagy through AMPK and Glycolytic Pathway. Chemistry and Biodiversity, 2020, 17, e1900583.	2.1	4
825	A20 inhibits osteoclastogenesis via TRAF6â€dependent autophagy in human periodontal ligament cells under hypoxia. Cell Proliferation, 2020, 53, e12778.	5.3	24
826	Strategy of Hepatic Metabolic Defects Induced by beclin1 Heterozygosity in Adult Zebrafish. International Journal of Molecular Sciences, 2020, 21, 1533.	4.1	7
827	Serum- and glucocorticoid-induced kinase 1, a new therapeutic target for autophagy modulation in chronic diseases. Expert Opinion on Therapeutic Targets, 2020, 24, 231-243.	3.4	14
828	The Role of Autophagy in the Innate Immune Response to Fungal Keratitis Caused by <i>Aspergillus fumigatus</i> Infection. , 2020, 61, 25.		24
829	Autophagy in Rare (NonLysosomal) Neurodegenerative Diseases. Journal of Molecular Biology, 2020, 432, 2735-2753.	4.2	23
830	Research progress on the effect of autophagy-lysosomal pathway on tumor drug resistance. Experimental Cell Research, 2020, 389, 111925.	2.6	8
831	Crinophagy mechanisms and its potential role in human health and disease. Progress in Molecular Biology and Translational Science, 2020, 172, 239-255.	1.7	19
832	How autophagy can restore proteostasis defects in multiple diseases?. Medicinal Research Reviews, 2020, 40, 1385-1439.	10.5	27
833	Detection and analysis of autophagy in the American alligator ( Alligator mississippiensis ). Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 192-207.	1.3	2
834	Understanding the role of key amino acids in regulation of proline dehydrogenase/proline oxidase (prodh/pox)-dependent apoptosis/autophagy as an approach to targeted cancer therapy. Molecular and Cellular Biochemistry, 2020, 466, 35-44.	3.1	39
835	SIRT6-PARP1 is involved in HMGB1 polyADP-ribosylation and acetylation and promotes chemotherapy-induced autophagy in leukemia. Cancer Biology and Therapy, 2020, 21, 320-331.	3.4	19
836	Cysteine Toxicity Drives Age-Related Mitochondrial Decline by Altering Iron Homeostasis. Cell, 2020, 180, 296-310.e18.	28.9	134
837	NEDD4L downregulates autophagy and cell growth by modulating ULK1 and a glutamine transporter. Cell Death and Disease, 2020, 11, 38.	6.3	61

ARTICLE IF CITATIONS # Atg11 is required for initiation of glucose starvation-induced autophagy. Autophagy, 2020, 16, 838 9.1 26 2206-2218. Insulin Exacerbates Inflammation in Fibroblast-Like Synoviocytes. Inflammation, 2020, 43, 916-936. 840 3.8 The Preparation of Ginsenoside Rg5, Its Antitumor Activity against Breast Cancer Cells and Its 841 4.1 29 Targeting of PI3K. Nutrients, 2020, 12, 246. Emerging molecular functions of microRNA-124: Cancer pathology and therapeutic implications. 842 Pathology Research and Practice, 2020, 216, 152827. DNA-dependent protein kinase regulates lysosomal AMP-dependent protein kinase activation and 843 9.1 29 autophagy. Autophagy, 2020, 16, 1871-1888. Metabolic Regulators of Vascular Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 844 2.4 2020, 40, e22-e30. Ischemia and Reperfusion Injury in Kidney Transplantation: Relevant Mechanisms in Injury and Repair. 845 2.4 149 Journal of Clinical Medicine, 2020, 9, 253. Trichostatin A alleviated ovarian tissue damage caused by cigarette smoke exposure. Reproductive 846 2.9 Toxicology, 2020, 93, 89-98. SETD2 mutation in renal clear cell carcinoma suppress autophagy via regulation of ATG12. Cell Death 847 6.3 32 and Disease, 2020, 11, 69. Sec16 function in ER export and autophagy is independent of its phosphorylation in <i>Saccharomyces 848 2.1 cerevisiae</i>. Molecular Biology of the Cell, 2020, 31, 149-156. Mitochondrial Quality Control: Role in Cardiac Models of Lethal Ischemia-Reperfusion Injury. Cells, 849 4.1 46 2020, 9, 214. Vesicle Trafficking, Autophagy and Nanoparticles: A Brief Review. Current Nanomedicine, 2020, 10, 3-19. 0.6 Direct Peritoneal Resuscitation with Pyruvate Protects the Spinal Cord and Induces Autophagy via Regulating PHD2 in a Rat Model of Spinal Cord Ischemia-Reperfusion Injury. Oxidative Medicine and 851 4.0 9 Cellular Longevity, 2020, 2020, 1-15. Conidiobolus coronatus induces oxidative stress and autophagy response in Galleria mellonella 2.5 23 larvae. PLoS ONE, 2020, 15, e0228407. Mitophagy in Acute Kidney Injury and Kidney Repair. Cells, 2020, 9, 338. 853 79 4.1 Loss of mitochondrial ClpP, Lonp1, and Tfam triggers transcriptional induction of Rnf213, a 854 1.4 14 susceptibility factor for moyamoya disease. Neurogenetics, 2020, 21, 187-203. Valproic Acid Increased Autophagic Flux in human Multiple Myeloma Cells in Vitro. Biomedicine and 855 5.6 6 Pharmacotherapy, 2020, 127, 110167. Lysosomal Exocytosis, Exosome Release and Secretory Autophagy: The Autophagic- and Endo-Lysosomal 4.1 218 Systems Go Extracellular. International Journal of Molecular Sciences, 2020, 21, 2576.

#	Article	IF	CITATIONS
857	Lysosome-targeted chemotherapeutics: Anticancer mechanism of N-heterocyclic carbene iridium(III) complex. Journal of Inorganic Biochemistry, 2020, 207, 111063.	3.5	17
858	Systematic quantification of the dynamics of newly synthesized proteins unveiling their degradation pathways in human cells. Chemical Science, 2020, 11, 3557-3568.	7.4	18
859	Chaperone-Mediated Autophagy after Spinal Cord Injury. Journal of Neurotrauma, 2020, 37, 1687-1695.	3.4	11
860	Chemical Biology of Autophagy-Related Proteins With Posttranslational Modifications: From Chemical Synthesis to Biological Applications. Frontiers in Chemistry, 2020, 8, 233.	3.6	4
861	Vascular Calcification—New Insights into Its Mechanism. International Journal of Molecular Sciences, 2020, 21, 2685.	4.1	210
862	Aedes albopictus Autophagy-Related Gene 8 (AaAtg8) Is Required to Confer Anti-Bacterial Gut Immunity. International Journal of Molecular Sciences, 2020, 21, 2944.	4.1	8
863	The sorting nexin FgAtg20 is involved in the Cvt pathway, nonâ€selective macroautophagy, pexophagy and pathogenesis in Fusarium graminearum. Cellular Microbiology, 2020, 22, e13208.	2.1	11
864	Pathways of protein synthesis and degradation in PD pathogenesis. Progress in Brain Research, 2020, 252, 217-270.	1.4	5
865	The Class III PI3K/Beclin-1 Autophagic Pathway Participates in the mmLDL-Induced Upregulation of ETA Receptor in Mouse Mesenteric Arteries. Advances in Pharmacological and Pharmaceutical Sciences, 2020, 2020, 1-8.	1.3	1
866	Time-Course Changes and Role of Autophagy in Primary Spinal Motor Neurons Subjected to Oxygen-Glucose Deprivation: Insights Into Autophagy Changes in a Cellular Model of Spinal Cord Ischemia. Frontiers in Cellular Neuroscience, 2020, 14, 38.	3.7	5
867	Mitophagy in the Pathogenesis of Liver Diseases. Cells, 2020, 9, 831.	4.1	48
868	Microautophagy in Plants: Consideration of Its Molecular Mechanism. Cells, 2020, 9, 887.	4.1	43
869	Acetylation of STX17 (syntaxin 17) controls autophagosome maturation. Autophagy, 2021, 17, 1157-1169.	9.1	61
870	Organelle-specific autophagy in inflammatory diseases: a potential therapeutic target underlying the quality control of multiple organelles. Autophagy, 2021, 17, 385-401.	9.1	195
871	Long-lived mice with reduced growth hormone signaling have a constitutive upregulation of hepatic chaperone-mediated autophagy. Autophagy, 2021, 17, 612-625.	9.1	21
872	Lessons learned from CHMP2B, implications for frontotemporal dementia and amyotrophic lateral sclerosis. Neurobiology of Disease, 2021, 147, 105144.	4.4	24
873	Gingival tissue autophagy pathway gene expression profiles in periodontitis and aging. Journal of Periodontal Research, 2021, 56, 34-45.	2.7	11
874	Nanochaperoneâ€Based Strategies to Control Protein Aggregation Linked to Conformational Diseases. Angewandte Chemie - International Edition, 2021, 60, 41-52.	13.8	23

#	Article	IF	CITATIONS
875	Klotho in Clinical Nephrology. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 162-176.	4.5	79
876	Nanochaperoneâ€Based Strategies to Control Protein Aggregation Linked to Conformational Diseases. Angewandte Chemie, 2021, 133, 41-52.	2.0	6
877	Silencing ATG6 and PI3K accelerates petal senescence and reduces flower number and shoot biomass in petunia. Plant Science, 2021, 302, 110713.	3.6	10
878	Selective autophagy of intracellular organelles: Recent research advances. Theranostics, 2021, 11, 222-256.	10.0	207
879	Exploring selective autophagy in Drosophila: Methods to identify Atg8-interacting proteins. Methods in Cell Biology, 2021, 165, 13-29.	1.1	0
880	Monitoring autophagic flux in Caenorhabditis elegans using a p62/SQST-1 reporter. Methods in Cell Biology, 2021, 165, 73-87.	1.1	1
881	Autophagy-Related Protein MAP1LC3C Plays a Crucial Role in Odontogenic Differentiation of Human Dental Pulp Cells. Tissue Engineering and Regenerative Medicine, 2021, 18, 265-277.	3.7	5
882	ORF3a of the COVID-19 virus SARS-CoV-2 blocks HOPS complex-mediated assembly of the SNARE complex required for autolysosome formation. Developmental Cell, 2021, 56, 427-442.e5.	7.0	250
883	Zika Virus Is Transmitted in Neural Progenitor Cells via Cell-to-Cell Spread, and Infection Is Inhibited by the Autophagy Inducer Trehalose. Journal of Virology, 2021, 95, .	3.4	5
884	Cathepsin B is an executioner of ferroptosis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118928.	4.1	44
885	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. European Journal of Pharmacology, 2021, 892, 173660.	3.5	48
886	Proteostasis-associated aging: lessons from a Drosophila model. Genes and Genomics, 2021, 43, 1-9.	1.4	14
887	Caloric restriction mimetics for the treatment of cardiovascular diseases. Cardiovascular Research, 2021, 117, 1434-1449.	3.8	27
888	Autophagy in white matter disorders of the CNS : mechanisms and therapeutic opportunities. Journal of Pathology, 2021, 253, 133-147.	4.5	7
889	Cleaning the molecular machinery of cells <i>via</i> proteostasis, proteolysis and endocytosis selectively, effectively, and precisely: intracellular self-defense and cellular perturbations. Molecular Omics, 2021, 17, 11-28.	2.8	10
890	Cancer-driving mutations and variants of components of the membrane trafficking core machinery. Life Sciences, 2021, 264, 118662.	4.3	2
891	Autophagy and aging. , 2021, , 577-588.		0
892	Intermittent Lipopolysaccharide Exposure Significantly Increases Cortical Infarct Size and Impairs Autophagy. ASN Neuro, 2021, 13, 175909142199176.	2.7	2

#	Article	IF	CITATIONS
893	Autophagy sustains glutamate and aspartate synthesis in Saccharomyces cerevisiae during nitrogen starvation. Nature Communications, 2021, 12, 57.	12.8	24
894	PROTACs, molecular glues and bifunctionals from bench to bedside: Unlocking the clinical potential of catalytic drugs. Progress in Medicinal Chemistry, 2021, 60, 67-190.	10.4	23
895	Metabolic regulation of telomere silencing by SESAME complex-catalyzed H3T11 phosphorylation. Nature Communications, 2021, 12, 594.	12.8	18
896	Hijacking Endocytosis and Autophagy in Extracellular Vesicle Communication: Where the Inside Meets the Outside. Frontiers in Cell and Developmental Biology, 2020, 8, 595515.	3.7	22
897	Directed evolution of cyclic peptides for inhibition of autophagy. Chemical Science, 2021, 12, 3526-3543.	7.4	26
898	Dysfunction of chaperone-mediated autophagy in human diseases. Molecular and Cellular Biochemistry, 2021, 476, 1439-1454.	3.1	27
899	Circular RNA TRAPPC6B inhibits intracellular <i>Mycobacterium tuberculosis</i> growth while inducing autophagy in macrophages by targeting microRNAâ€874â€3p. Clinical and Translational Immunology, 2021, 10, e1254.	3.8	21
900	The role of autophagy in bone homeostasis. Journal of Cellular Physiology, 2021, 236, 4152-4173.	4.1	39
901	Characterization of Signalling Pathways That Link Apoptosis and Autophagy to Cell Death Induced by Estrone Analogues Which Reversibly Depolymerize Microtubules. Molecules, 2021, 26, 706.	3.8	5
902	Autophagy Regulates Cancer Stem Cell Properties in Triple Negative Breast Cancer Via miR-181a-Mediated Regulation of ATG5/ATG2B. SSRN Electronic Journal, 0, , .	0.4	1
903	Soy isoflavones, mitochondria and cell fate. , 2021, , 625-643.		1
904	The lifecycle of skeletal muscle mitochondria in obesity. Obesity Reviews, 2021, 22, e13164.	6.5	25
905	Autophagy in Drosophila and Zebrafish. Advances in Experimental Medicine and Biology, 2021, 1208, 333-356.	1.6	0
906	Autophagy Paradox of Cancer: Role, Regulation, and Duality. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	32
907	Hallmarks and detection techniques of cellular senescence and cellular ageing in immune cells. Aging Cell, 2021, 20, e13316.	6.7	54
908	Links between mitochondrial retrograde response and mitophagy in pathogenic cell signalling. Cellular and Molecular Life Sciences, 2021, 78, 3767-3775.	5.4	8
909	Salicylic acid is a key player of Arabidopsis autophagy mutant susceptibility to the necrotrophic bacterium Dickeya dadantii. Scientific Reports, 2021, 11, 3624.	3.3	7
910	The functions of autophagy at the tumourâ€immune interface. Journal of Cellular and Molecular Medicine, 2021, 25, 2333-2341.	3.6	18

#	Article	IF	CITATIONS
911	atg7 and beclin1 are essential for energy metabolism and survival during the larval-to-juvenile transition stage of zebrafish. Aquaculture and Fisheries, 2022, 7, 359-372.	2.2	8
912	Golgi-associated Rab GTPases implicated in autophagy. Cell and Bioscience, 2021, 11, 35.	4.8	21
913	Chlorpromazine, an antipsychotic agent, induces G2/M phase arrest and apoptosis via regulation of the PI3K/AKT/mTOR-mediated autophagy pathways in human oral cancer. Biochemical Pharmacology, 2021, 184, 114403.	4.4	36
914	West Syndrome Caused By a Chloride/Proton Exchange-Uncoupling CLCN6 Mutation Related to Autophagic-Lysosomal Dysfunction. Molecular Neurobiology, 2021, 58, 2990-2999.	4.0	12
915	The ATG4 protease integrates redox and stress signals to regulate autophagy. Journal of Experimental Botany, 2021, 72, 3340-3351.	4.8	15
916	The Role of Autophagy in Eye Diseases. Life, 2021, 11, 189.	2.4	14
917	QiShenYiQi pill activates autophagy to attenuate reactive myocardial fibrosis via the PI3K/AKT/mTOR pathway. Aging, 2021, 13, 5525-5538.	3.1	13
918	How Can Malnutrition Affect Autophagy in Chronic Heart Failure? Focus and Perspectives. International Journal of Molecular Sciences, 2021, 22, 3332.	4.1	15
919	Adaptive immunity at the crossroads of autophagy and metabolism. Cellular and Molecular Immunology, 2021, 18, 1096-1105.	10.5	26
921	Autophagy in peripheral blood mononuclear cells is associated with body fat percentage. Archives of Physiology and Biochemistry, 2023, 129, 951-957.	2.1	1
922	Comprehensive Pan-Cancer Analysis Confirmed That ATG5 Promoted the Maintenance of Tumor Metabolism and the Occurrence of Tumor Immune Escape. Frontiers in Oncology, 2021, 11, 652211.	2.8	18
923	Dissolving the Complex Role Aggregation Plays in Neurodegenerative Disease. Movement Disorders, 2021, 36, 1061-1069.	3.9	9
924	Regulation of p53 stability as a therapeutic strategy for cancer. Biochemical Pharmacology, 2021, 185, 114407.	4.4	27
925	Genome editing reagent delivery in plants. Transgenic Research, 2021, 30, 321-335.	2.4	35
926	THOC4 regulates energy homeostasis by stabilizing <i>TFEB</i> mRNA during prolonged starvation. Journal of Cell Science, 2021, 134, .	2.0	0
927	Loss of endothelial cell-specific autophagy-related protein 7 exacerbates doxorubicin-induced cardiotoxicity. Biochemistry and Biophysics Reports, 2021, 25, 100926.	1.3	5
928	Autophagy response to acute high-intensity interval training and moderate-intensity continuous training is dissimilar in skeletal muscle and peripheral blood mononuclear cells and is influenced by sex. Human Nutrition and Metabolism, 2021, 23, 200118.	1.7	4
929	Autophagy in Viral Development and Progression of Cancer. Frontiers in Oncology, 2021, 11, 603224.	2.8	13

#	Article	IF	CITATIONS
930	Condition-dependent functional shift of two <i>Drosophila</i> Mtmr lipid phosphatases in autophagy control. Autophagy, 2021, 17, 4010-4028.	9.1	8
931	Phosphorylation regulates the binding of autophagy receptors to FIP200 Claw domain for selective autophagy initiation. Nature Communications, 2021, 12, 1570.	12.8	45
932	Insights on autophagosome–lysosome tethering from structural and biochemical characterization of human autophagy factor EPG5. Communications Biology, 2021, 4, 291.	4.4	12
933	The Role of the Interplay Between Autophagy and NLRP3 Inflammasome in Metabolic Disorders. Frontiers in Cell and Developmental Biology, 2021, 9, 634118.	3.7	16
934	Mitophagy: An Emerging Target in Ocular Pathology. , 2021, 62, 22.		24
935	Reducing FASN expression sensitizes acute myeloid leukemia cells to differentiation therapy. Cell Death and Differentiation, 2021, 28, 2465-2481.	11.2	30
936	Alginate-Derived Mannuronate Oligosaccharide Attenuates Tauopathy through Enhancing Autophagy. Journal of Agricultural and Food Chemistry, 2021, 69, 4438-4445.	5.2	16
937	Natural Phenolic Compounds Targeting The AMPK Activation For Metabolic Health. , 2021, 2, .		0
938	Regulation of Golgi turnover by CALCOCO1-mediated selective autophagy. Journal of Cell Biology, 2021, 220, .	5.2	35
940	Regulated cell death pathways in doxorubicin-induced cardiotoxicity. Cell Death and Disease, 2021, 12, 339.	6.3	273
941	β-propeller proteins WDR45 and WDR45B regulate autophagosome maturation into autolysosomes in neural cells. Current Biology, 2021, 31, 1666-1677.e6.	3.9	35
942	Role and mechanisms of autophagy in lung metabolism and repair. Cellular and Molecular Life Sciences, 2021, 78, 5051-5068.	5.4	11
943	Retinoic acid can improve autophagy through depression of the PI3K-Akt-mTOR signaling pathway via RARα to restore spermatogenesis in cryptorchid infertile rats. Genes and Diseases, 2022, 9, 1368-1377.	3.4	5
944	Metabolomics analysis reveals the effect of copper on autophagy in myocardia of pigs. Ecotoxicology and Environmental Safety, 2021, 213, 112040.	6.0	29
945	The Role of Autophagy in the Pathogenesis of Ischemic Stroke. Current Neuropharmacology, 2021, 19, 629-640.	2.9	39
946	Chitooligosaccharides inhibit tumor progression and induce autophagy through the activation of the p53/mTOR pathway in osteosarcoma. Carbohydrate Polymers, 2021, 258, 117596.	10.2	33
947	Nlp promotes autophagy through facilitating the interaction of Rab7 and FYCO1. Signal Transduction and Targeted Therapy, 2021, 6, 152.	17.1	11
948	Autophagy in Plant Abiotic Stress Management. International Journal of Molecular Sciences, 2021, 22, 4075.	4.1	26

#	Article	IF	CITATIONS
949	Macroautophagy in lymphatic endothelial cells inhibits T cell–mediated autoimmunity. Journal of Experimental Medicine, 2021, 218, .	8.5	21
950	Placental Antioxidant Defenses and Autophagy-Related Genes in Maternal Obesity and Gestational Diabetes Mellitus. Nutrients, 2021, 13, 1303.	4.1	16
951	Moments in autophagy and disease: Past and present. Molecular Aspects of Medicine, 2021, 82, 100966.	6.4	22
953	Involvement of the Protein Ras Homolog Enriched in the Striatum, Rhes, in Dopaminergic Neurons' Degeneration: Link to Parkinson's Disease. International Journal of Molecular Sciences, 2021, 22, 5326.	4.1	4
954	Insulin Resistance and Diabetes Mellitus in Alzheimer's Disease. Cells, 2021, 10, 1236.	4.1	73
955	Autophagy and Mitophagy Promotion in a Rat Model of Endometriosis. International Journal of Molecular Sciences, 2021, 22, 5074.	4.1	31
956	Cantharidin downregulates PSD1 expression and inhibits autophagic flux in yeast cells. FEBS Open Bio, 2021, , .	2.3	3
957	Targeting programmed cell death in metabolic dysfunction-associated fatty liver disease (MAFLD): a promising new therapy. Cellular and Molecular Biology Letters, 2021, 26, 17.	7.0	38
959	Mitochondrial fission and mitophagy are independent mechanisms regulating ischemia/reperfusion injury in primary neurons. Cell Death and Disease, 2021, 12, 475.	6.3	17
960	Regulation of eosinophil functions by autophagy. Seminars in Immunopathology, 2021, 43, 347-362.	6.1	12
961	Autophagy at the interface of endothelial cell homeostasis and vascular disease. FEBS Journal, 2022, 289, 2976-2991.	4.7	39
962	Autophagy as a Pathogenetic Link and a Target for Therapy ofÂMusculoskeletal System Diseases. Journal of Evolutionary Biochemistry and Physiology, 2021, 57, 666-680.	0.6	0
963	Autophagy in Tenebrio molitor Immunity: Conserved Antimicrobial Functions in Insect Defenses. Frontiers in Immunology, 2021, 12, 667664.	4.8	16
964	Identification of autophagyâ€related genes signature predicts chemotherapeutic and immunotherapeutic efficiency in bladder cancer (BLCA). Journal of Cellular and Molecular Medicine, 2021, 25, 5417-5433.	3.6	11
965	How Lipids Contribute to Autophagosome Biogenesis, a Critical Process in Plant Responses to Stresses. Cells, 2021, 10, 1272.	4.1	6
966	Gâ€quadruplex regulation of neural gene expression. FEBS Journal, 2022, 289, 3284-3303.	4.7	15
967	Mitophagy and Oxidative Stress: The Role of Aging. Antioxidants, 2021, 10, 794.	5.1	59
968	Amoebicidal activity of <i>Cassia angustifolia</i> extract and its effect on <i>Acanthamoeba triangularis</i> autophagy-related gene expression at the transcriptional level. Parasitology, 2021, 148, 1074-1082.	1.5	4

#	Article	IF	CITATIONS
969	Atlastin 2/3 regulate ER targeting of the ULK1 complex to initiate autophagy. Journal of Cell Biology, 2021, 220, .	5.2	26
970	DEF8 and Autophagy-Associated Genes Are Altered in Mild Cognitive Impairment, Probable Alzheimer's Disease Patients, and a Transgenic Model of the Disease. Journal of Alzheimer's Disease, 2021, 82, S163-S178.	2.6	6
971	Model-based pathway enrichment analysis applied to the TGF-beta regulation of autophagy in autism. Journal of Biomedical Informatics, 2021, 118, 103781.	4.3	3
972	Fungal Keratitis: Recent Advances in Diagnosis and Treatment. , 0, , .		1
973	Autophagy inhibition and microRNA‑199a‑5p upregulation in paclitaxel‑resistant A549/T lung cancer cells. Oncology Reports, 2021, 46, .	2.6	15
974	Autophagy in liver diseases: A review. Molecular Aspects of Medicine, 2021, 82, 100973.	6.4	136
975	Chemical-Mediated Targeted Protein Degradation in Neurodegenerative Diseases. Life, 2021, 11, 607.	2.4	28
976	Fluorescent Protein-Based Autophagy Biosensors. Materials, 2021, 14, 3019.	2.9	6
977	The Impact of Aging on Macroautophagy in the Pre-ovulatory Mouse Oocyte. Frontiers in Cell and Developmental Biology, 2021, 9, 691826.	3.7	10
978	Identification of autophagy-related risk signatures for the prognosis, diagnosis, and targeted therapy in cervical cancer. Cancer Cell International, 2021, 21, 362.	4.1	10
980	Implications on the Therapeutic Potential of Statins via Modulation of Autophagy. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10.	4.0	9
981	Peganum harmala Extract Has Antiamoebic Activity to Acanthamoeba triangularis Trophozoites and Changes Expression of Autophagy-Related Genes. Pathogens, 2021, 10, 842.	2.8	5
982	ULK overexpression mitigates motor deficits and neuropathology in mouse models of Machado-Joseph disease. Molecular Therapy, 2022, 30, 370-387.	8.2	10
983	Oleanolic Acid Induces Autophagy and Apoptosis via the AMPK-mTOR Signaling Pathway in Colon Cancer. Journal of Oncology, 2021, 2021, 1-17.	1.3	11
984	Machinery, regulation and pathophysiological implications of autophagosome maturation. Nature Reviews Molecular Cell Biology, 2021, 22, 733-750.	37.0	223
985	Regulation of autophagy by protein methylation and acetylation in cancer. Journal of Cellular Physiology, 2022, 237, 13-28.	4.1	7
986	The regulatory effect of acetylation of HMGN2 and H3K27 on pyocyaninâ€induced autophagy in macrophages by affecting Ulk1 transcription. Journal of Cellular and Molecular Medicine, 2021, 25, 7524-7537.	3.6	4
987	TGFβ promotes fibrosis by MYST1-dependent epigenetic regulation of autophagy. Nature Communications, 2021, 12, 4404.	12.8	40

#	Article	IF	CITATIONS
989	VHL suppresses RAPTOR and inhibits mTORC1 signaling in clear cell renal cell carcinoma. Scientific Reports, 2021, 11, 14827.	3.3	13
990	ATG101 Degradation by HUWE1-Mediated Ubiquitination Impairs Autophagy and Reduces Survival in Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 9182.	4.1	6
991	Autophagy in sexual plant reproduction: new insights. Journal of Experimental Botany, 2021, 72, 7658-7667.	4.8	7
992	Autophagy controls programmed death‑ligandÂ1 expression on cancer cells (Review). Biomedical Reports, 2021, 15, 84.	2.0	12
993	Autophagy based cellular physiological strategies target oncogenic progression. Journal of Cellular Physiology, 2021, , .	4.1	4
994	Role of autophagy in cholangiocarcinoma: Pathophysiology and implications for therapy. World Journal of Clinical Cases, 2021, 9, 6234-6243.	0.8	2
995	The Loss of Mitochondrial Quality Control in Diabetic Kidney Disease. Frontiers in Cell and Developmental Biology, 2021, 9, 706832.	3.7	20
996	Yeast mitophagy: Unanswered questions. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129932.	2.4	7
997	Neuroprotective properties of queen bee acid by autophagy induction. Cell Biology and Toxicology, 2023, 39, 751-770.	5.3	7
998	Cross talk between autophagy and oncogenic signaling pathways and implications for cancer therapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188565.	7.4	36
999	Overview of all-trans-retinoic acid (ATRA) and its analogues: Structures, activities, and mechanisms in acute promyelocytic leukaemia. European Journal of Medicinal Chemistry, 2021, 220, 113451.	5.5	31
1000	The Interplay between Autophagy and NLRP3 Inflammasome in Ischemia/Reperfusion Injury. International Journal of Molecular Sciences, 2021, 22, 8773.	4.1	22
1001	Oligomerization of Selective Autophagy Receptors for the Targeting and Degradation of Protein Aggregates. Cells, 2021, 10, 1989.	4.1	8
1002	Autophagy-Associated IL-15 Production Is Involved in the Pathogenesis of Leprosy Type 1 Reaction. Cells, 2021, 10, 2215.	4.1	2
1003	Interaction of Poliovirus Capsid Proteins with the Cellular Autophagy Pathway. Viruses, 2021, 13, 1587.	3.3	5
1004	Starvation-induced cell fusion and heterokaryosis frequently escape imperfect allorecognition systems in an asexual fungal pathogen. BMC Biology, 2021, 19, 169.	3.8	8
1005	Cell death modulation by transient receptor potential melastatin channels TRPM2 and TRPM7 and their underlying molecular mechanisms. Biochemical Pharmacology, 2021, 190, 114664.	4.4	12
1006	Potential of Bioactive Food Components against Gastric Cancer: Insights into Molecular Mechanism and Therapeutic Targets. Cancers, 2021, 13, 4502.	3.7	6

#	Article	IF	CITATIONS
1007	Research Progress on the Functions and Mechanism of circRNA in Cisplatin Resistance in Tumors. Frontiers in Pharmacology, 2021, 12, 709324.	3.5	20
1008	Geraniin inhibits cell growth and promoted autophagy-mediated cell death in the nasopharyngeal cancer C666-1 cells. Saudi Journal of Biological Sciences, 2021, 29, 168-174.	3.8	1
1009	The roles, controversies, and combination therapies of autophagy in lung cancer. Cell Biology International, 2022, 46, 3-11.	3.0	8
1010	Callyspongiolide kills cells by inducing mitochondrial dysfunction via cellular iron depletion. Communications Biology, 2021, 4, 1123.	4.4	2
1011	Optimization of BCG Therapy Targeting Neutrophil Extracellular Traps, Autophagy, and miRNAs in Bladder Cancer: Implications for Personalized Medicine. Frontiers in Medicine, 2021, 8, 735590.	2.6	8
1012	Calcium overload and reactive oxygen species accumulation induced by selenium deficiency promote autophagy in swine small intestine. Animal Nutrition, 2021, 7, 997-1008.	5.1	35
1013	WAC, a novel GBM tumor suppressor, induces GBM cell apoptosis and promotes autophagy. Medical Oncology, 2021, 38, 132.	2.5	0
1014	The Dual Role of Autophagy in Crizotinib-Treated ALK+ ALCL: From the Lymphoma Cells Drug Resistance to Their Demise. Cells, 2021, 10, 2517.	4.1	5
1015	Porin 1 Modulates Autophagy in Yeast. Cells, 2021, 10, 2416.	4.1	6
1016	Role of ERLINs in the Control of Cell Fate through Lipid Rafts. Cells, 2021, 10, 2408.	4.1	14
1017	Molecular mechanisms of mammalian autophagy. Biochemical Journal, 2021, 478, 3395-3421.	3.7	16
1018	The pleiotropic roles of autophagy in Alzheimer's disease: From pathophysiology to therapy. Current Opinion in Pharmacology, 2021, 60, 149-157.	3.5	20
1019	Autophagy inhibition in breast cancer cells induces ROS-mediated MIF expression and M1 macrophage polarization. Cellular Signalling, 2021, 86, 110075.	3.6	15
1020	H2O2-mediated autophagy during ethanol metabolism. Redox Biology, 2021, 46, 102081.	9.0	13
1021	Trehalose, a natural disaccharide, reduces stroke occurrence in the stroke-prone spontaneously hypertensive rat. Pharmacological Research, 2021, 173, 105875.	7.1	15
1022	Multifaceted roles of HSF1 in cell death: A state-of-the-art review. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188591.	7.4	22
1023	Transcriptome analysis reveals the molecular mechanism of long-term exposure of Eriocheir sinensis to low concentration of trichlorfon. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 40, 100916.	1.0	2
1024	Autophagy in the cardiovascular system. , 2022, , 229-241.		0

#	Article	IF	CITATIONS
1025	Progression of kidney disease as a maladaptive response to injury. , 2022, , 213-220.		0
1026	Regulation of autophagy—transcriptional, posttranscriptional, translational, and posttranslational mechanisms. , 2022, , 21-38.		1
1027	<i>Hirsutella sinensis</i> mycelium regulates autophagy of alveolar macrophages via TLR4/NF-κB signaling pathway. International Journal of Medical Sciences, 2021, 18, 1810-1823.	2.5	7
1028	Systematic identification of autophagy-related proteins in Aedes albopictus. PLoS ONE, 2021, 16, e0245694.	2.5	4
1029	Mammalian BCAS3 and C16orf70 associate with the phagophore assembly site in response to selective and non-selective autophagy. Autophagy, 2021, 17, 2011-2036.	9.1	6
1030	The Emerging Roles of Autophagy-Related MicroRNAs in Cancer. International Journal of Biological Sciences, 2021, 17, 134-150.	6.4	34
1031	COVID-19 and Cell Stress. Advances in Experimental Medicine and Biology, 2021, 1318, 169-178.	1.6	8
1032	Autophagy and senescence in cancer therapy. Advances in Cancer Research, 2021, 150, 1-74.	5.0	16
1033	Acute Increases in Intracellular Zinc Lead to an Increased Lysosomal and Mitochondrial Autophagy and Subsequent Cell Demise in Malignant Melanoma. International Journal of Molecular Sciences, 2021, 22, 667.	4.1	7
1034	Selective Degradation of Mitochondria by Mitophagy in Pathogenic Fungi. American Journal of Molecular Biology, 2021, 11, 15-27.	0.3	1
1035	Immunoexpression pattern of autophagy mediators in alveolar bone osteoclasts following estrogen withdrawal in female rats. Journal of Molecular Histology, 2021, 52, 321-333.	2.2	2
1036	Dietary Polyphenols in Metabolic and Neurodegenerative Diseases: Molecular Targets in Autophagy and Biological Effects. Antioxidants, 2021, 10, 142.	5.1	26
1037	Natural compounds in the regulation of proteostatic pathways: An invincible artillery against stress, ageing, and diseases. Acta Pharmaceutica Sinica B, 2021, 11, 2995-3014.	12.0	13
1039	THE DYNAMIC CHONDRIOME. , 0, , 67-109.		3
1040	Genome-wide screen identifies signaling pathways that regulate autophagy during Caenorhabditis elegans development. EMBO Reports, 2014, 15, 705-13.	4.5	53
1041	Altered Proteostasis in Neurodegenerative Tauopathies. Advances in Experimental Medicine and Biology, 2020, 1233, 177-194.	1.6	10
1042	Gene Therapy Strategies: Gene Augmentation. , 2020, , 117-126.		3
1043	Circadian Rhythms and Proteostasis in Aging. Healthy Ageing and Longevity, 2017, , 163-191.	0.2	3

#	Article	IF	Citations
1044	Mitochondria-Associated Inflammasome Activation and Its Impact on Aging and Age-Related Diseases. , 2018, , 1-20.		3
1045	Regulation and function of V-ATPases in physiology and disease. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183341.	2.6	80
1046	Downregulation of autophagy by Met30-mediated Atg9 ubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	10
1047	The importance of microlipophagy in liver. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
1048	Guidelines for monitoring autophagy in Caenorhabditis elegans. Autophagy, 2015, 11, 9-27.	9.1	119
1049	Inactivation of the <i>Caenorhabditis elegans</i> RNF-5 E3 ligase promotes IRE-1-independent ER functions. Autophagy, 2021, 17, 2401-2414.	9.1	7
1050	Liquid–liquid phase separation in autophagy. Journal of Cell Biology, 2020, 219, .	5.2	99
1057	Role of NADH Dehydrogenase (Ubiquinone) 1 Alpha Subcomplex 4-Like 2 in Clear Cell Renal Cell Carcinoma. Clinical Cancer Research, 2016, 22, 2791-2801.	7.0	51
1058	Beclin 2 negatively regulates innate immune signaling and tumor development. Journal of Clinical Investigation, 2020, 130, 5349-5369.	8.2	16
1059	The Tumorigenic Effect of Sphingosine Kinase 1 and Its Potential Therapeutic Target. Cancer Control, 2020, 27, 107327482097666.	1.8	16
1060	Characterization of constitutive ER-phagy of excess membrane proteins. PLoS Genetics, 2020, 16, e1009255.	3.5	9
1061	MEK Inhibition Sensitizes Precursor B-Cell Acute Lymphoblastic Leukemia (B-ALL) Cells to Dexamethasone through Modulation of mTOR Activity and Stimulation of Autophagy. PLoS ONE, 2016, 11, e0155893.	2.5	26
1062	Interplay between Leucine-Rich Repeat Kinase 2 (LRRK2) and p62/SQSTM-1 in Selective Autophagy. PLoS ONE, 2016, 11, e0163029.	2.5	34
1063	Orchestrated Action of PP2A Antagonizes Atg13 Phosphorylation and Promotes Autophagy after the Inactivation of TORC1. PLoS ONE, 2016, 11, e0166636.	2.5	50
1064	A tetrameric peptide derived from bovine lactoferricin as a potential therapeutic tool for oral squamous cell carcinoma: A preclinical model. PLoS ONE, 2017, 12, e0174707.	2.5	9
1065	Autophagy regulates UBC9 levels during viral-mediated tumorigenesis. PLoS Pathogens, 2017, 13, e1006262.	4.7	44
1066	The Roles of the SNARE Protein Sed5 in Autophagy in Saccharomyces cerevisiae. Molecules and Cells, 2017, 40, 643-654.	2.6	9
1067	Emerging Paradigm of Crosstalk between Autophagy and the Ubiquitin-Proteasome System. Molecules and Cells, 2017, 40, 897-905.	2.6	73

		CITATION REPORT		
#	Article		IF	CITATIONS
1068	Autophagy Dysregulation and Obesity-Associated Pathologies. Molecules and Cells, 201	.8, 41, 3-10.	2.6	41
1069	Chaperone-mediated autophagy in cancer: Advances from bench to bedside. Histology a Histopathology, 2020, 35, 637-644.	and	0.7	5
1070	Toll-like Receptors Play a crucial role in the progress of Necrotizing Enterocolitis. Europe of BioMedical Research, 2015, 1, 8.	an Journal	0.2	1
1071	Disparate expression of autophagy in corneas of C57BL/6 mice and BALB/c mice after A fumigatus infection. International Journal of Ophthalmology, 2019, 12, 705-710.	spergillus	1.1	8
1072	Preferential Ty1 retromobility in mother cells and nonquiescent stationary phase cells is with increased concentrations of total Gag or processed Gag and is inhibited by exposu concentration of calcium. Aging, 2018, 10, 402-424.	associated re to a high	3.1	2
1073	Novel role of autophagy-associated Pik3c3 gene in gonadal white adipose tissue browni C57/Bl6 male mice. Aging, 2018, 10, 764-774.	ng in aged	3.1	10
1074	Enhancing the retrograde axonal transport by curcumin promotes autophagic flux in N2 cells. Aging, 2019, 11, 7036-7050.	a/APP695swe	3.1	9
1075	Endosomal sorting and c-Cbl targeting of paxillin to autophagosomes regulate cell-matr turnover in human breast cancer cells. Oncotarget, 2017, 8, 31199-31214.	ix adhesion	1.8	14
1076	Inactivation/deficiency of DHODH induces cell cycle arrest and programed cell death in Oncotarget, 2017, 8, 112354-112370.	nelanoma.	1.8	27
1077	GABARAPL1 tumor suppressive function is independent of its conjugation to autophage breast cancer cells. Oncotarget, 2017, 8, 55998-56020.	osomes in MCF-7	1.8	23
1078	Mek activity is required for ErbB2 expression in breast cancer cells detached from the exmatrix. Oncotarget, 2017, 8, 105383-105396.	tracellular	1.8	2
1079	Autophagy processes are dependent on EGF receptor signaling. Oncotarget, 2018, 9, 30	0289-30303.	1.8	10
1080	Acute promyelocytic leukemia (APL): a review of the literature. Oncotarget, 2020, 11, 9	92-1003.	1.8	62
1081	A novel approach to the discovery of anti-tumor pharmaceuticals: searching for activate liponecrosis. Oncotarget, 2016, 7, 5204-5225.	rs of	1.8	17
1082	Prognostic value of the autophagy markers LC3 and p62/SQSTM1 in early-stage non-sm cancer. Oncotarget, 2016, 7, 39544-39555.	all cell lung	1.8	93
1083	Regulation of Age-related Decline by Transcription Factors and Their Crosstalk with the Current Genomics, 2018, 19, 464-482.	Epigenome.	1.6	10
1084	Apoptin Regulates Apoptosis and Autophagy by Modulating Reactive Oxygen Species (I Human Liver Cancer Cells. Frontiers in Oncology, 2020, 10, 1026.	≀OS) Levels in	2.8	13
1085	AMPK/mTOR Signaling in Autophagy Regulation During Cisplatin-Induced Acute Kidney in Physiology, 2020, 11, 619730.	Injury. Frontiers	2.8	63

#	Article	IF	CITATIONS
1086	Pexophagy: A Model for Selective Autophagy. International Journal of Molecular Sciences, 2020, 21, 578.	4.1	70
1087	Melanogenesis Connection with Innate Immunity and Toll-Like Receptors. International Journal of Molecular Sciences, 2020, 21, 9769.	4.1	28
1088	Angelicin inhibits the malignant behaviours of human cervical cancer potentially via inhibiting autophagy. Experimental and Therapeutic Medicine, 2019, 18, 3365-3374.	1.8	9
1089	Autophagy dysfunction may be involved in the pathogenesis of ankylosing spondylitis. Experimental and Therapeutic Medicine, 2020, 20, 3578-3586.	1.8	8
1090	Metformin alleviates β‑glycerophosphate‑induced calcification of vascular smooth muscle cells via AMPK/mTOR‑activated autophagy. Experimental and Therapeutic Medicine, 2020, 21, 58.	1.8	10
1091	Protein Quality Control in Neurodegeneration and Neuroprotection. Advances in Medical Diagnosis, Treatment, and Care, 2020, , 1-24.	0.1	3
1092	Autophagy occurs within an hour of adenosine triphosphate treatment after nerve cell damage: the neuroprotective effects of adenosine triphosphate against apoptosis. Neural Regeneration Research, 2014, 9, 1599.	3.0	8
1093	Interleukin-4 affects microglial autophagic flux. Neural Regeneration Research, 2019, 14, 1594.	3.0	34
1094	Induction of cytoprotective autophagy by morusin via AMP-activated protein kinase activation in human non-small cell lung cancer cells. Nutrition Research and Practice, 2020, 14, 478.	1.9	6
1095	The central regulator p62 between ubiquitin proteasome system and autophagy and its role in the mitophagy and Parkinson's disease. BMB Reports, 2020, 53, 56-63.	2.4	60
1096	Translocation of interleukin-1β into a vesicle intermediate in autophagy-mediated secretion. ELife, 2015, 4, .	6.0	288
1097	Selective sorting and destruction of mitochondrial membrane proteins in aged yeast. ELife, 2016, 5, .	6.0	111
1098	Atg9 antagonizes TOR signaling to regulate intestinal cell growth and epithelial homeostasis in Drosophila. ELife, 2017, 6, .	6.0	40
1099	An evolutionarily young defense metabolite influences the root growth of plants via the ancient TOR signaling pathway. ELife, 2017, 6, .	6.0	84
1100	Expression of WIPI2B counteracts age-related decline in autophagosome biogenesis in neurons. ELife, 2019, 8, .	6.0	54
1101	Reticulon proteins modulate autophagy of the endoplasmic reticulum in maize endosperm. ELife, 2020, 9, .	6.0	53
1102	A comparative in-silico analysis of autophagy proteins in ciliates. PeerJ, 2017, 5, e2878.	2.0	11
1103	Identification of AaAtg8 as a marker of autophagy and a functional autophagy-related protein in Aedes albopictus. PeerJ, 2018, 6, e5988.	2.0	5

#	Article	IF	CITATIONS
1104	Proper Immune Response Depends on Early Exposure to Gut Microbiota in Broiler Chicks. Frontiers in Physiology, 2021, 12, 758183.	2.8	3
1105	Regulatory insights into progression of cancer and Alzheimer's disorder from autophagy perspective. Molecular Biology Reports, 2021, 48, 8227-8232.	2.3	2
1106	Human platelets display dysregulated sepsis-associated autophagy, induced by altered LC3 protein-protein interaction of the Vici-protein EPG5. Autophagy, 2022, 18, 1534-1550.	9.1	7
1107	An Overview of the Molecular Mechanisms and Functions of Autophagic Pathways in Plants. Plant Signaling and Behavior, 2021, 16, 1977527.	2.4	5
1108	Autophagy deficiency activates rDNA transcription. Autophagy, 2022, 18, 1338-1349.	9.1	6
1109	Tanshinone IIa Induces Autophagy and Apoptosis via PI3K/Akt/mTOR Axis in Acute Promyelocytic Leukemia NB4 Cells. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9.	1.2	7
1110	Functional Amino Acids and Autophagy: Diverse Signal Transduction and Application. International Journal of Molecular Sciences, 2021, 22, 11427.	4.1	6
1111	Involvement of Autophagy in Ageing and Chronic Cholestatic Diseases. Cells, 2021, 10, 2772.	4.1	4
1112	Autophagy in Viral Infection and Pathogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 766142.	3.7	20
1113	OAB-14 Effectively Ameliorates the Dysfunction of the Endosomal-Autophagic-Lysosomal Pathway in APP/PS1 Transgenic Mice. ACS Chemical Neuroscience, 2021, 12, 3985-3993.	3.5	3
1114	A Transcriptome Insight During Early Fish Larval Development Followed by Starvation in Seriola rivoliana. Marine Biotechnology, 2021, 23, 749-765.	2.4	4
1115	Autophagy Regulates the Survival of Hair Cells and Spiral Ganglion Neurons in Cases of Noise, Ototoxic Drug, and Age-Induced Sensorineural Hearing Loss. Frontiers in Cellular Neuroscience, 2021, 15, 760422.	3.7	41
1116	Chaperone-Mediated Autophagy Markers LAMP2A and HSPA8 in Advanced Non-Small Cell Lung Cancer after Neoadjuvant Therapy. Cells, 2021, 10, 2731.	4.1	5
1117	The W9 peptide inhibits osteoclastogenesis and osteoclast activity by downregulating osteoclast autophagy and promoting osteoclast apoptosis. Journal of Molecular Histology, 2022, 53, 27-38.	2.2	8
1118	Canonical and Non-canonical TGFÎ <sup>2</sup> Signaling Activate Autophagy in an ULK1-Dependent Manner. Frontiers in Cell and Developmental Biology, 2021, 9, 712124.	3.7	11
1119	Mitochondrial Quality Control in Cardiac-Conditioning Strategies against Ischemia-Reperfusion Injury. Life, 2021, 11, 1123.	2.4	17
1120	Key Regulators of Autophagosome Closure. Cells, 2021, 10, 2814.	4.1	17
1121	PPAR-gamma agonists: Potential modulators of autophagy in obesity. European Journal of Pharmacology, 2021, 912, 174562.	3.5	22

	CITATION	Report	
#	Article	IF	CITATIONS
1122	Preparing the Membrane for Autophagosome Biogenesis. Cell & Developmental Biology, 2014, 04, .	0.3	0
1123	The Relationship Between miR-29, NOD2 and Crohn's Disease. , 2015, , 185-196.		0
1124	Divergent Roles of Atg8 Orthologues in Autophagy. Biochemistry & Pharmacology: Open Access, 2015, 04, .	0.2	0
1125	Autophagy and amino acids with their metabolites. Integrative Food, Nutrition and Metabolism, 2015, 2, .	0.3	2
1126	Determining the Genotypeâ€Phenotype Relationship of atg18 Mutants. FASEB Journal, 2015, 29, 728.5.	0.5	0
1127	Necrobiology of Liver Cancer: Autophagy and Cellular Senescence. , 2016, , 1-22.		0
1129	Dying: What Happens in the Cells and Tissues. , 2017, , 7-22.		0
1130	Necrobiology of Liver Cancer: Autophagy and Cellular Senescence. , 2017, , 3271-3292.		0
1133	Regulation of Autophagy by the Heat Shock Factor 1-Mediated Stress Response Pathway. Heat Shock Proteins, 2018, , 167-178.	0.2	0
1134	Mitochondrial Function and Neurodegenerative Diseases. , 2018, , 369-414.		1
1139	Mitochondria-Associated Inflammasome Activation and Its Impact on Aging and Age-Related Diseases. , 2019, , 1205-1224.		0
1140	"Diet and Exercise Will Help You Live Longer†The Meme that Turns on Housekeeping Genes. Advances in Geriatric Medicine and Research, 0, , .	0.6	0
1142	A Tissue-Specific and Temporally-Regulated Autophagic Switch Controls a Drosophila Nutritional Checkpoint. SSRN Electronic Journal, 0, , .	0.4	0
1147	The Cell Wall Integrity Receptor Mtl1 Contributes to Articulate Autophagic Responses When Glucose Availability Is Compromised. Journal of Fungi (Basel, Switzerland), 2021, 7, 903.	3.5	7
1148	Ajugol enhances TFEB-mediated lysosome biogenesis and lipophagy to alleviate non-alcoholic fatty liver disease. Pharmacological Research, 2021, 174, 105964.	7.1	21
1149	The lysosome as an imperative regulator of autophagy and cell death. Cellular and Molecular Life Sciences, 2021, 78, 7435-7449.	5.4	68
1150	Loss of <i>Hsp67Bc</i> leads to autolysosome enlargement in the <i>Drosophila</i> brain. Cell Biology International, 2022, 46, 203-212.	3.0	3
1151	Non-coding RNA-mediated autophagy in cancer: A protumor or antitumor factor?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188642.	7.4	13

#	Article	IF	CITATIONS
1153	Regulation of autophagy by TDP-43. , 2022, , 81-95.		0
1154	Structure and Function of the Mitochondrion. Biological and Medical Physics Series, 2020, , 141-161.	0.4	0
1155	Effection of cordycepin on Inhibition proliferation by activating autophagy in HepG2 cell. E3S Web of Conferences, 2020, 189, 02026.	0.5	1
1156	Effects of the linoleic acid/docosahexaenoic acid ratio and concentration inducing autophagy in Raw264.7 cells against <i>Staphylococcus aureus</i> . Journal of Clinical Biochemistry and Nutrition, 2020, 67, 146-152.	1.4	2
1158	A gene toolbox for monitoring autophagy transcription. Cell Death and Disease, 2021, 12, 1044.	6.3	46
1160	Prognostic value of autophagy related proteins ULK1, Beclin 1, ATG3, ATG5, ATG7, ATG9, ATG10, ATG12, LC3B and p62/SQSTM1 in gastric cancer. American Journal of Translational Research (discontinued), 2016, 8, 3831-3847.	0.0	62
1163	Autophagy in endometriosis. American Journal of Translational Research (discontinued), 2017, 9, 4707-4725.	0.0	28
1165	The inhibition of SGK1 suppresses epithelial-mesenchymal transition and promotes renal tubular epithelial cell autophagy in diabetic nephropathy. American Journal of Translational Research (discontinued), 2019, 11, 4946-4956.	0.0	10
1166	Regulation of Apoptosis by Autophagy to Enhance Cancer Therapy. Yale Journal of Biology and Medicine, 2019, 92, 707-718.	0.2	32
1169	Functional foods, hormesis, and oxidative stress. , 2022, , 581-603.		0
1170	Interplay between autophagy and Sindbis virus in cells derived from key arbovirus vectors, Aedes albopictus and Aedes aegypti mosquitoes. Cellular Signalling, 2022, 90, 110204.	3.6	2
1171	The Secrets of Alternative Autophagy. Cells, 2021, 10, 3241.	4.1	9
1172	The Protective Role of TLR2 Mediates Impaired Autophagic Flux by Activating the mTOR Pathway During Neospora caninum Infection in Mice. Frontiers in Cellular and Infection Microbiology, 2021, 11, 788340.	3.9	5
1173	PepFect14 Signaling and Transfection. Methods in Molecular Biology, 2022, 2383, 229-246.	0.9	2
1175	Increased ATG5 Expression Predicts Poor Prognosis and Promotes EMT in Cervical Carcinoma. Frontiers in Cell and Developmental Biology, 2021, 9, 757184.	3.7	7
1176	UBB+1 reduces amyloid-β cytotoxicity by activation of autophagy in yeast. Aging, 2021, 13, 23953-23980.	3.1	2
1177	Carrying Excess Baggage Can Slowdown Life: Protein Clearance Machineries That Go Awry During Aging and the Relevance of Maintaining Them. Molecular Neurobiology, 2022, 59, 821-840.	4.0	3
1178	Autophagy-related signaling pathways in non-small cell lung cancer. Molecular and Cellular Biochemistry, 2021, , 1.	3.1	8

#	Article	IF	CITATIONS
1179	Post-transcriptional regulation of <i>ATG1</i> is a critical node that modulates autophagy during distinct nutrient stresses. Autophagy, 2022, 18, 1694-1714.	9.1	8
1180	Melatonin Alleviates LPS-Induced Pyroptotic Cell Death in Human Stem Cell-Derived Cardiomyocytes by Activating Autophagy. Stem Cells International, 2021, 2021, 1-12.	2.5	9
1181	Membrane lipids and maximum lifespan in clownfish. Fish Physiology and Biochemistry, 2021, , 1.	2.3	0
1182	Autophagy and antiviral defense. IUBMB Life, 2022, 74, 317-338.	3.4	9
1183	The unique Akt inhibitor SC66 suppressed AMPK activity and abolished autophagy through the EGFRâ€p62 pathway. Cell Biology International, 2021, , .	3.0	4
1184	LCN2 deficiency ameliorates doxorubicin-induced cardiomyopathy in mice. Biochemical and Biophysical Research Communications, 2022, 588, 8-14.	2.1	6
1185	Targeting regulated cell death in aortic aneurysm and dissection therapy. Pharmacological Research, 2022, 176, 106048.	7.1	20
1186	New Insights into the Roles and Mechanisms of Spermidine in Aging and Age-Related Diseases. , 2021, 12, 1948.		42
1187	Apoptosis and Autophagy: Current Understanding in Tick–Pathogen Interactions. Frontiers in Cellular and Infection Microbiology, 2022, 12, 784430.	3.9	8
1188	Activation of Non-Canonical Autophagic Pathway through Inhibition of Non-Integrin Laminin Receptor in Neuronal Cells. Cells, 2022, 11, 466.	4.1	3
1189	The Trypanosoma brucei-Derived Ketoacids, Indole Pyruvate and Hydroxyphenylpyruvate, Induce HO-1 Expression and Suppress Inflammatory Responses in Human Dendritic Cells. Antioxidants, 2022, 11, 164.	5.1	5
1190	Ornithine decarboxylase functions in both autophagy and apoptosis in response to ultraviolet B radiation injury. Journal of Cellular Physiology, 2022, , .	4.1	3
1191	Autophagy-related protein UvAtg7 contributes to mycelial growth, virulence, asexual reproduction and cell stress response in rice false smut fungus Ustilaginoidea virens. Fungal Genetics and Biology, 2022, 159, 103668.	2.1	6
1192	Research Advances in Antitumor Mechanism of Evodiamine. Journal of Chemistry, 2022, 2022, 1-12.	1.9	2
1193	Proteaphagy is specifically regulated and requires factors dispensable for general autophagy. Journal of Biological Chemistry, 2022, 298, 101494.	3.4	19
1194	SPOP mutations promote p62/SQSTM1-dependent autophagy and Nrf2 activation in prostate cancer. Cell Death and Differentiation, 2022, 29, 1228-1239.	11.2	25
1195	A dynamically evolving war between autophagy and pathogenic microorganisms. Journal of Zhejiang University: Science B, 2022, 23, 19-41.	2.8	1
1196	Neuroprotective effect of aldose reductase knockout in a mouse model of spinal cord injury involves NF-κB pathway. Experimental Brain Research, 2022, 240, 853-859.	1.5	2

#	Article	IF	CITATIONS
1197	Autophagy inhibits cancer stemness in tripleâ€negative breast cancer via miRâ€181aâ€mediated regulation of ATG5 and/or ATG2B. Molecular Oncology, 2022, 16, 1857-1875.	4.6	24
1198	Atg8–PE protein-based <i>in vitro</i> biochemical approaches to autophagy studies. Autophagy, 2022, 18, 2020-2035.	9.1	10
1200	Exosomes derived from calcium oxalate-treated macrophages promote apoptosis of HK-2 cells by promoting autophagy. Bioengineered, 2022, 13, 2442-2450.	3.2	9
1201	Tetramethylpyrazine: An Active Ingredient of Chinese Herbal Medicine With Therapeutic Potential in Acute Kidney Injury and Renal Fibrosis. Frontiers in Pharmacology, 2022, 13, 820071.	3.5	10
1202	Construction and validation of prognostic model based on autophagy-related lncRNAs in gastric cancer. Biocell, 2022, 46, 97-109.	0.7	0
1203	The Role of Mitochondrial Dynamic Dysfunction in Age-Associated Type 2 Diabetes. World Journal of Men?s Health, 2022, 40, 399.	3.3	20
1204	PROTAC technology for the treatment of Alzheimer's disease: advances and perspectives. , 2022, 1, 24-41.		19
1205	The Prognostic and Molecular Landscape of Autophagy-Related Long Noncoding RNA in Colorectal Cancer. BioMed Research International, 2022, 2022, 1-27.	1.9	2
1206	Autophagosome–lysosome fusion is facilitated by plectin-stabilized actin and keratin 8 during macroautophagic process. Cellular and Molecular Life Sciences, 2022, 79, 95.	5.4	6
1207	Research Progress and Prospects of Autophagy in the Mechanism of Multidrug Resistance in Tumors. Journal of Oncology, 2022, 2022, 1-15.	1.3	9
1208	Autophagy-related DjAtg1-1 plays critical role in planarian regeneration by regulating proliferation and cell death. Cell and Tissue Research, 2022, 388, 273-286.	2.9	3
1209	Inhibition of DDX6 enhances autophagy and alleviates endoplasmic reticulum stress in Vero cells under PEDV infection. Veterinary Microbiology, 2022, 266, 109350.	1.9	3
1210	Physiopathologie des maladies inflammatoires chroniques de l'intestin (MICI). HEGEL - HEpato-GastroEntérologie Libérale, 2016, N° 2, 119-129.	0.0	0
1211	Role and mechanism of action of LAPTM4B in EGFRâ€ʿmediated autophagy (Review). Oncology Letters, 2022, 23, 109.	1.8	3
1212	Autophagy-Related Gene PlATG6a Is Involved in Mycelial Growth, Asexual Reproduction and Tolerance to Salt and Oxidative Stresses in PeronophythoraAlitchii. International Journal of Molecular Sciences, 2022, 23, 1839.	4.1	9
1213	Hydrogen Sulfide: A Key Role in Autophagy Regulation from Plants to Mammalians. Antioxidants, 2022, 11, 327.	5.1	8
1214	Perturbation of autophagy: An intrinsic toxicity mechanism of nanoparticles. Science of the Total Environment, 2022, 823, 153629.	8.0	17
1215	Autophagy requires Tip20 in. Journal of Biosciences, 2019, 44, .	1.1	0

#		IF	CITATIONS
" 1216	Oxidative Stress–a Double Edged Sword in Cancer. , 2021, , 1-18.		0
1217	ULK1-Mediated Metabolic Reprogramming Regulates Vps34 Lipid Kinase Activity by Its Lactylation. SSRN Electronic Journal, 0, , .	0.4	0
1218	Autophagy in the Neuronal Ceroid Lipofuscinoses (Batten Disease). Frontiers in Cell and Developmental Biology, 2022, 10, 812728.	3.7	13
1219	Microautophagy Mediates Vacuolar Delivery of Storage Proteins in Maize Aleurone Cells. Frontiers in Plant Science, 2022, 13, 833612.	3.6	11
1220	Cellular Effects of Cyclodextrins: Studies on HeLa Cells. Molecules, 2022, 27, 1589.	3.8	2
1221	Corynoxine B derivative CB6 prevents Parkinsonian toxicity in mice by inducing PIK3C3 complex-dependent autophagy. Acta Pharmacologica Sinica, 2022, 43, 2511-2526.	6.1	19
1222	The regulation of autophagy by the miR-199a-5p/p62 axis was a potential mechanism of small cell lung cancer cisplatin resistance. Cancer Cell International, 2022, 22, 120.	4.1	7
1223	The Induction of Endothelial Autophagy and Its Role in the Development of Atherosclerosis. Frontiers in Cardiovascular Medicine, 2022, 9, 831847.	2.4	18
1224	BECLIN1 Is Essential for Podocyte Secretory Pathways Mediating VEGF Secretion and Podocyte-Endothelial Crosstalk. International Journal of Molecular Sciences, 2022, 23, 3825.	4.1	5
1225	Nutraceuticals as Modulators of Autophagy: Relevance in Parkinson's Disease. International Journal of Molecular Sciences, 2022, 23, 3625.	4.1	8
1226	LncRNA small nucleolar RNA host gene 5 inhibits trophoblast autophagy in preeclampsia by targeting microRNA-31-5p and promoting the transcription of secreted protein acidic and rich in cysteine. Bioengineered, 2022, 13, 7221-7237.	3.2	3
1227	Improper Proteostasis: Can It Serve as Biomarkers for Neurodegenerative Diseases?. Molecular Neurobiology, 2022, , 1.	4.0	0
1228	Gracillin Shows Potential Efficacy Against Non-Small Cell Lung Cancer Through Inhibiting the mTOR Pathway. Frontiers in Oncology, 2022, 12, 851300.	2.8	3
1229	Cyclic GMPâ€AMP synthase contributes to epithelial homeostasis in intestinal inflammation via Beclinâ€1â€mediated autophagy. FASEB Journal, 2022, 36, e22282.	0.5	5
1230	Repurposing autophagy regulators in brain tumors. International Journal of Cancer, 2022, 151, 167-180.	5.1	7
1231	Incomplete autophagy: Trouble is a friend. Medicinal Research Reviews, 2022, 42, 1545-1587.	10.5	17
1232	Autophagy, Oxidative Stress and Cancer Development. Cancers, 2022, 14, 1637.	3.7	20
1233	Circular RNA Profiles in Viremia and ART Suppression Predict Competing circRNA–miRNA–mRNA Networks Exclusive to HIV-1 Viremic Patients. Viruses, 2022, 14, 683	3.3	3

#	Article	IF	CITATIONS
1234	The role of ATG16L2 in autophagy and disease. Autophagy, 2022, 18, 2537-2546.	9.1	14
1235	The emerging roles of ATG1/ATG13 kinase complex in plants. Journal of Plant Physiology, 2022, 271, 153653.	3.5	11
1236	Targeted protein degradation: mechanisms, strategies and application. Signal Transduction and Targeted Therapy, 2022, 7, 113.	17.1	162
1237	Upstream open reading frames mediate autophagy-related protein translation. Autophagy, 2023, 19, 457-473.	9.1	3
1238	Autophagy-related protein UvAtg14 contributes to mycelial growth, asexual reproduction, virulence and cell stress response in rice false smut fungus Ustilaginoidea virens. Phytopathology Research, 2022, 4, .	2.4	2
1239	Pulmonary inflammation and cellular responses following exposure to benzalkonium chloride: Potential impact of disrupted pulmonary surfactant homeostasis. Toxicology and Applied Pharmacology, 2022, 440, 115930.	2.8	6
1240	Role and regulation of autophagy in cancer. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166400.	3.8	52
1241	The contribution of altered neuronal autophagy to neurodegeneration. , 2022, 238, 108178.		22
1242	The Peroxisome-Autophagy Redox Connection: A Double-Edged Sword?. Frontiers in Cell and Developmental Biology, 2021, 9, 814047.	3.7	7
1243	Biological Functions and Therapeutic Potential of Autophagy in Spinal Cord Injury. Frontiers in Cell and Developmental Biology, 2021, 9, 761273.	3.7	26
1244	HDAC6 Inhibition Extinguishes Autophagy in Cancer: Recent Insights. Cancers, 2021, 13, 6280.	3.7	10
1245	Noncanonical autophagy in systemic lupus erythematosus. Rheumatology & Autoimmunity, 2021, 1, 83-91.	0.8	0
1246	Adenovirus Co-Opts Neutrophilic Inflammation to Enhance Transduction of Epithelial Cells. Viruses, 2022, 14, 13.	3.3	21
1247	Apoptosis, Autophagy, NETosis, Necroptosis, and Pyroptosis Mediated Programmed Cell Death as Targets for Innovative Therapy in Rheumatoid Arthritis. Frontiers in Immunology, 2021, 12, 809806.	4.8	87
1248	Programmed Degradation of Pericarp Cells in Wheat Grains Depends on Autophagy. Frontiers in Genetics, 2021, 12, 784545.	2.3	6
1249	The mitophagosome, a novel ultrastructure of mitophagy in the alcoholic steatohepatitis mouse model: a transmission electron microscope study. Ultrastructural Pathology, 2022, 46, 251-258.	0.9	1
1250	STIM and Orai Mediated Regulation of Calcium Signaling in Age-Related Diseases. Frontiers in Aging, 2022, 3, .	2.6	8
1251	Autophagy is Involved in Cardiac Remodeling in Response to Environmental Temperature Change. Frontiers in Physiology, 2022, 13, 864427.	2.8	6

#	Article	IF	CITATIONS
1252	LC3 subfamily in cardiolipin-mediated mitophagy: a comparison of the LC3A, LC3B and LC3C homologs. Autophagy, 2022, 18, 2985-3003.	9.1	25
1253	Atg1-mediated Atg11 phosphorylation is required for selective autophagy by regulating its association with receptor proteins. Autophagy, 2023, 19, 180-188.	9.1	8
1254	MCC950 ameliorates the dementia symptom at the early age of line M83 mouse and reduces hippocampal α-synuclein accumulation. Biochemical and Biophysical Research Communications, 2022, 611, 23-30.	2.1	8
1255	Nutritional strategies for autophagy activation and health consequences of autophagy impairment. Nutrition, 2022, 103-104, 111686.	2.4	1
1278	Metabolism and autophagy in plants—a perfect match. FEBS Letters, 2022, 596, 2133-2151.	2.8	9
1279	A seven-autophagy-related gene signature for predicting the prognosis of differentiated thyroid carcinoma. World Journal of Surgical Oncology, 2022, 20, 129.	1.9	4
1282	Detection of Paraptosis After Photodynamic Therapy. Methods in Molecular Biology, 2022, 2451, 711-720.	0.9	2
1283	Theater in the Self-Cleaning Cell: Intrinsically Disordered Proteins or Protein Regions Acting with Membranes in Autophagy. Membranes, 2022, 12, 457.	3.0	1
1284	CRISPR/Cas9-Mediated Editing of Autophagy Gene 6 in Petunia Decreases Flower Longevity, Seed Yield, and Phosphorus Remobilization by Accelerating Ethylene Production and Senescence-Related Gene Expression. Frontiers in Plant Science, 2022, 13, 840218.	3.6	5
1285	Hydroxytyrosol Promotes the Mitochondrial Function through Activating Mitophagy. Antioxidants, 2022, 11, 893.	5.1	22
1286	Study on the Expression Profile of Autophagy-Related Genes in Colon Adenocarcinoma. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-12.	1.3	2
1287	Survival of HT29 cancer cells is influenced by hepatocyte growth factor receptor inhibition through modulation of self-DNA-triggered TLR9-dependent autophagy response. PLoS ONE, 2022, 17, e0268217.	2.5	3
1288	Abnormal triaging of misfolded proteins by adult neuronal ceroid lipofuscinosis-associated DNAJC5/CSPα mutants causes lipofuscin accumulation. Autophagy, 2023, 19, 204-223.	9.1	19
1289	Upregulation of the TFEB-mediated lysosome function relieves 4-Hydroxynonenal-Induced apoptosis. Chemico-Biological Interactions, 2022, 362, 109963.	4.0	1
1290	A novel ATG5 interaction with Ku70 potentiates DNA repair upon genotoxic stress. Scientific Reports, 2022, 12, 8134.	3.3	4
1291	Neuronal induction of BNIP3-mediated mitophagy slows systemic aging in Drosophila. Nature Aging, 2022, 2, 494-507.	11.6	17
1292	Targeting mTOR signaling to promote autophagy for functional recovery after spinal cord injury. , 2022, , 263-274.		0
1293	Human Cell Organelles in SARS-CoV-2 Infection: An Up-to-Date Overview. Viruses, 2022, 14, 1092.	3.3	3

		CITATION REPORT		
#	Article		IF	CITATIONS
1294	Cargo receptors and adaptors for selective autophagy in plant cells. FEBS Letters, 2022, 59	6, 2104-2132.	2.8	7
1296	Pathogen-induced autophagy regulates monolignol transport and lignin formation in plant Autophagy, 2023, 19, 597-615.	immunity.	9.1	14
1297	Lipophagy pathways in yeast are controlled by their distinct modes of induction. Yeast, 202 429-439.	2, 39,	1.7	3
1298	Review of the effects and Mechanisms of microglial autophagy in ischemic stroke. Internati Immunopharmacology, 2022, 108, 108761.	onal	3.8	11
1300	Structural mechanism of protein recognition by the FW domain of autophagy receptor Nbr Communications, 2022, 13, .	1. Nature	12.8	4
1301	Molecular mechanisms of Shigella effector proteins: a common pathogen among diarrheic population. Molecular and Cellular Pediatrics, 2022, 9, .	pediatric	1.8	9
1302	Exocytosis Proteins: Typical and Atypical Mechanisms of Action in Skeletal Muscle. Frontier Endocrinology, 0, 13, .	s in	3.5	3
1303	Disease modification in Parkinsonism: obstacles and ways forward. Journal of Neural Transr	nission, 0,	2.8	7
1304	Nano-titanium dioxide exposure and autophagy: a systematic review and meta-analysis. To 2023, 42, 407-418.	kin Reviews,	3.4	0
1305	Yeast phospholipase D, Spo14, is not required for macroautophagy. Yeast, 2022, 39, 401-4	11.	1.7	2
1306	Cellular landscaping of exosomal miRNAs in cancer metastasis: From chemoresistance to p markers. Advances in Cancer Biology Metastasis, 2022, 5, 100050.	rognostic	2.0	6
1307	Resveratrol induces autophagy impeding BAFF-stimulated B-cell proliferation and survival b inhibiting the Akt/mTOR pathway. Biochemical Pharmacology, 2022, 202, 115139.	y ,	4.4	8
1308	The Genetics of Autophagy in Multicellular Organisms. Annual Review of Genetics, 2022, 50	6, 17-39.	7.6	6
1309	Numb Promotes Autophagy through p53 Pathway in Acute Kidney Injury Induced by Cispla Cellular Pathology, 2022, 2022, 1-10.	tin. Analytical	1.4	4
1310	Endothelial Autophagy in Coronary Microvascular Dysfunction and Cardiovascular Disease. 2022, 11, 2081.	Cells,	4.1	8
1311	From Intestinal Epithelial Homeostasis to Colorectal Cancer: Autophagy Regulation in Cellu Stress. Antioxidants, 2022, 11, 1308.	lar	5.1	2
1312	Protein Quality Control at the Sarcomere: Titin Protection and Turnover and Implications for Development. Frontiers in Physiology, 0, 13, .	ır Disease	2.8	2
1313	Benzyl Isothiocyanate-Induced Cytotoxicity via the Inhibition of Autophagy and Lysosomal AGS Cells. Biomolecules and Therapeutics, 2022, 30, 348-359.	Function in	2.4	2

#	Article	IF	CITATIONS
1314	Expanding the view of the molecular mechanisms of autophagy pathway. Journal of Cellular Physiology, 2022, 237, 3257-3277.	4.1	15
1315	Does Orexin B-Binding Receptor 2 for Orexins Regulate Testicular and Epididymal Functions in Normal and Cryptorchid Dogs?. Frontiers in Veterinary Science, 0, 9, .	2.2	1
1316	Recent progress on the activation of the cGAS–STING pathway and its regulation by biomolecular condensation. Journal of Molecular Cell Biology, 2022, 14, .	3.3	5
1317	Therapeutic potential of autophagy activators and inhibitors in lung and breast cancer- a review. Molecular Biology Reports, 0, , .	2.3	Ο
1318	CCL20/CCR6 axis mediates macrophages to promote proliferation and migration of ESCs by blocking autophagic flux in endometriosis. Stem Cell Research and Therapy, 2022, 13, .	5.5	6
1319	Autophagy in health and disease: From molecular mechanisms to therapeutic target. MedComm, 2022, 3, .	7.2	30
1320	The Roles of ATP13A2 Gene Mutations Leading to Abnormal Aggregation of α-Synuclein in Parkinson's Disease. Frontiers in Cellular Neuroscience, 0, 16, .	3.7	7
1321	Curcumin effect on <i>Acanthamoeba triangularis</i> encystation under nutrient starvation. PeerJ, 0, 10, e13657.	2.0	2
1322	Interaction Between Autophagy and Porphyromonas gingivalis-Induced Inflammation. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	3
1323	Green Tea Epigallocatechin-3-Gallate Regulates Autophagy in Male and Female Reproductive Cancer. Frontiers in Pharmacology, 0, 13, .	3.5	10
1324	Exosomes, autophagy and ER stress pathways in human diseases: Cross-regulation and therapeutic approaches. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166484.	3.8	15
1325	Small biomarkers with massive impacts: PI3K/AKT/mTOR signalling and microRNA crosstalk regulate nasopharyngeal carcinoma. Biomarker Research, 2022, 10, .	6.8	9
1326	Human Umbilical Cord Blood Mononuclear Cells Ameliorate CCl4-Induced Acute Liver Injury in Mice via Inhibiting Inflammatory Responses and Upregulating Peripheral Interleukin-22. Frontiers in Pharmacology, 0, 13, .	3.5	2
1327	A protective role of autophagy in fine airborne particulate matter-induced apoptosis in LN-229 cells. Toxicology, 2022, 477, 153271.	4.2	1
1328	Autophagy: A Key Regulator of Homeostasis and Disease: An Overview of Molecular Mechanisms and Modulators. Cells, 2022, 11, 2262.	4.1	31
1329	Research Progress and Potential Applications of Spermidine in Ocular Diseases. Pharmaceutics, 2022, 14, 1500.	4.5	2
1330	Transcriptome Analysis Reveals Hub Genes Regulating Autophagy in Patients With Severe COVID-19. Frontiers in Genetics, 0, 13, .	2.3	9
1331	Hepatitis C virus NS5A protein promotes the lysosomal degradation of diacylglycerol O-acyltransferase 1 (DGAT1) via endosomal microautophagy. , 2022, 1, 264-285.		0

#	Article	IF	CITATIONS
1332	Autophagy and lipid droplets are a defense mechanism against toxic copper oxide nanotubes in the eukaryotic microbial model Tetrahymena thermophila. Science of the Total Environment, 2022, 847, 157580.	8.0	1
1333	Autophagy-Associated Immunogenic Modulation and Its Applications in Cancer Therapy. Cells, 2022, 11, 2324.	4.1	6
1334	Phosphatidylinositol-4-phosphate controls autophagosome formation in Arabidopsis thaliana. Nature Communications, 2022, 13, .	12.8	18
1335	Computational prediction and experimental validation of Salmonella Typhimurium SopE-mediated fine-tuning of autophagy in intestinal epithelial cells. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	2
1336	The critical role of dysregulated autophagy in the progression of diabetic kidney disease. Frontiers in Pharmacology, 0, 13, .	3.5	1
1337	The Cys/N-degron pathway in the ubiquitin–proteasome system and autophagy. Trends in Cell Biology, 2023, 33, 247-259.	7.9	10
1338	Progress in preclinical studies of macrophage autophagy in the regulation of ALI/ARDS. Frontiers in Immunology, 0, 13, .	4.8	10
1339	Human milk oligosaccharide 2'-fucosyllactose promotes melanin degradation via the autophagic AMPK–ULK1 signaling axis. Scientific Reports, 2022, 12, .	3.3	2
1340	Molecular mechanisms and physiological functions of autophagy in kidney diseases. Frontiers in Pharmacology, 0, 13, .	3.5	4
1341	Metabolic adaption of cancer cells toward autophagy: Is there a role for ER-phagy?. Frontiers in Molecular Biosciences, 0, 9, .	3.5	3
1342	Research progress on the relationship between autophagy and chronic complications of diabetes. Frontiers in Physiology, 0, 13, .	2.8	9
1343	Chaperone-Mediated Autophagy: A Potential Target for Metabolic Diseases. Current Medicinal Chemistry, 2023, 30, 1887-1899.	2.4	3
1344	Proteasome granule formation is regulated through mitochondrial respiration and kinase signaling. Journal of Cell Science, 2022, 135, .	2.0	5
1345	PKCeta Promotes Stress-Induced Autophagy and Senescence in Breast Cancer Cells, Presenting a Target for Therapy. Pharmaceutics, 2022, 14, 1704.	4.5	3
1346	Vps21 Directs the PI3K-PI(3)P-Atg21-Atg16 Module to Phagophores via Vps8 for Autophagy. International Journal of Molecular Sciences, 2022, 23, 9550.	4.1	3
1347	Autophagy in aging-related oral diseases. Frontiers in Endocrinology, 0, 13, .	3.5	2
1348	TOLLIP-mediated autophagic degradation pathway links the VCP-TMEM63A-DERL1 signaling axis to triple-negative breast cancer progression. Autophagy, 2023, 19, 805-821.	9.1	16
1349	Mitochondria-Associated Endoplasmic Reticulum Membranes: Inextricably Linked with Autophagy Process. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-11.	4.0	4
#	Article	IF	CITATIONS
------	---	-----	-----------
1350	Molecular Mechanism and Regulation of Autophagy and Its Potential Role in Epilepsy. Cells, 2022, 11, 2621.	4.1	13
1351	Receptor-mediated mitophagy: An emerging therapeutic target in acute kidney injury. Mitochondrion, 2022, 66, 82-91.	3.4	10
1352	Zanthoxylum armatum DC. extract induces liver injury via autophagy suppression and oxidative damage by activation of mTOR/ULK1 pathway. Toxicon, 2022, 217, 162-172.	1.6	7
1353	ATC5: A central autophagy regulator implicated in various human diseases. Cell Biochemistry and Function, 2022, 40, 650-667.	2.9	20
1354	Crosstalk between Glycogen-Selective Autophagy, Autophagy and Apoptosis as a Road towards Modifier Gene Discovery and New Therapeutic Strategies for Glycogen Storage Diseases. Life, 2022, 12, 1396.	2.4	1
1355	The ATG8 Family Proteins GABARAP and GABARAPL1 Target Antigen to Dendritic Cells to Prime CD4+ and CD8+ T Cells. Cells, 2022, 11, 2782.	4.1	1
1357	TFEB in Alzheimer's disease: From molecular mechanisms to therapeutic implications. Neurobiology of Disease, 2022, 173, 105855.	4.4	14
1358	Protein expression in exocrine pancreatic diseases. Focus on VMP1 mediated autophagy. Advances in Protein Chemistry and Structural Biology, 2022, , 175-197.	2.3	2
1359	Molecular Principles, Components, Technology, and Concepts: Proteins – Posttranslational Modifications: Key Players in Health and Disease. , 2022, , .		0
1360	Oxidative Stress Player in Head and Neck Cancer Therapy Response. , 2022, , .		0
1361	Effects of polymer carriers on the occurrence and development of autophagy in drug delivery. Nanoscale Advances, 2022, 4, 3676-3688.	4.6	0
1362	The autophagy pathway and its key regulators. , 2022, , 47-69.		0
1363	Degradation mechanisms of cells. , 2022, , 3-21.		0
1364	Oxidative Stress: A Double Edged Sword in Cancer. , 2022, , 135-151.		0
1365	A Review of Signaling Transduction Mechanisms in Osteoclastogenesis Regulation by Autophagy, Inflammation, and Immunity. International Journal of Molecular Sciences, 2022, 23, 9846.	4.1	7
1366	CNIP1 functions both as a scaffold protein and an E3 ubiquitin ligase to regulate autophagy in lung cancer. Cell Communication and Signaling, 2022, 20, .	6.5	2
1367	Autophagy and its consequences for platelet biology. Thrombosis Research, 2022, , .	1.7	1
1369	Inhibition of autophagy potentiates the cytotoxicity of the irreversible FGFR1-4 inhibitor FIIN-2 on lung adenocarcinoma. Cell Death and Disease, 2022, 13, .	6.3	2

#	Article	IF	Citations
1370	The emerging mechanisms and functions of microautophagy. Nature Reviews Molecular Cell Biology, 2023, 24, 186-203.	37.0	100
1371	Cardio-Oncology: Mechanisms, Drug Combinations, and Reverse Cardio-Oncology. International Journal of Molecular Sciences, 2022, 23, 10617.	4.1	17
1372	WIPI proteins: Biological functions and related syndromes. Frontiers in Molecular Neuroscience, 0, 15, .	2.9	7
1373	Autophagy in the Lifetime of Plants: From Seed to Seed. International Journal of Molecular Sciences, 2022, 23, 11410.	4.1	4
1374	Relationship Between Autophagy and Drug Resistance in Tumors. Mini-Reviews in Medicinal Chemistry, 2023, 23, 1072-1078.	2.4	5
1375	Signal and regulatory mechanisms involved in spore development of Phytophthora and Peronophythora. Frontiers in Microbiology, 0, 13, .	3.5	6
1376	Non-invasive monitoring of autophagy. Nature Biomedical Engineering, 2022, 6, 1015-1016.	22.5	0
1377	Rab11a promotes the malignant progression of ovarian cancer by inducing autophagy. Genes and Genomics, 2022, 44, 1375-1384.	1.4	3
1378	NCOA4: More than a receptor for ferritinophagy. Journal of Cell Biology, 2022, 221, .	5.2	7
1379	Autoantibodies in the pathogenesis of idiopathic inflammatory myopathies: Does the endoplasmic reticulum stress response have a role?. Frontiers in Immunology, 0, 13, .	4.8	5
1380	A protein encoded by circular ZNF609 RNA induces acute kidney injury by activating the AKT/mTOR-autophagy pathway. Molecular Therapy, 2023, 31, 1722-1738.	8.2	9
1381	The role of protein acetylation in carcinogenesis and targeted drug discovery. Frontiers in Endocrinology, 0, 13, .	3.5	9
1382	Vesicle trafficking and vesicle fusion: mechanisms, biological functions, and their implications for potential disease therapy. Molecular Biomedicine, 2022, 3, .	4.4	21
1383	The inhibition of MDM2 slows cell proliferation and activates apoptosis in ADPKD cell lines. Biology of the Cell, 2023, 115, .	2.0	1
1384	Immunohistochemical Detection of the Autophagy Markers LC3 and p62/SQSTM1 in Formalin-Fixed and Paraffin-Embedded Tissue. Methods in Molecular Biology, 2023, , 133-139.	0.9	0
1385	The identification of novel small extracellular vesicle (sEV) production modulators using luciferasea $$ based sEV quantification method. , 2022, 1, .		1
1386	Cannabidiol modulates expression of type I IFN response genes and HIV infection in macrophages. Frontiers in Immunology, 0, 13, .	4.8	7
1387	The role of IncRNA H19 in tumorigenesis and drug resistance of human Cancers. Frontiers in Genetics, 0, 13, .	2.3	9

	CITATION REI	CITATION REPORT	
#	Article	IF	CITATIONS
1388	The Role of Autophagy in Osteoarthritic Cartilage. Biomolecules, 2022, 12, 1357.	4.0	14
1389	Autophagy induction promoted by m6A reader YTHDF3 through translation upregulation of FOXO3 mRNA. Nature Communications, 2022, 13, .	12.8	29
1390	The use of pharmacological chaperones in rare diseases caused by reduced protein stability. Proteomics, 2022, 22, .	2.2	4
1391	EGFR mediated the renal cell apoptosis in rhabdomyolysis-induced model via upregulation of autophagy. Life Sciences, 2022, 309, 121050.	4.3	1
1392	Vacuolar ATPase (V-ATPase) Proton Pump and Its Significance in Human Health. Biochemistry, 0, , .	1.2	0
1393	Chemical-induced degradation of PreS2 mutant surface antigen via the induction of microautophagy. Antiviral Research, 2022, 207, 105417.	4.1	0
1394	Autophagy promotes directed migration of HUVEC in response to electric fields through the ROS/SIRT1/FOXO1 pathway. Free Radical Biology and Medicine, 2022, 192, 213-223.	2.9	5
1395	Vps13 is Required for Efficient Autophagy in <i>Saccharomyces cerevisiae</i> . Contact (Thousand Oaks) Tj ETQq1	1.0.7843 1.3	314 rgBT / <mark>○∖</mark>
1396	Metformin alleviates bone loss in ovariectomized mice through inhibition of autophagy of osteoclast precursors mediated by E2F1. Cell Communication and Signaling, 2022, 20, .	6.5	10
1397	The emerging role of autophagy and mitophagy in tauopathies: From pathogenesis to translational implications in Alzheimer's disease. Frontiers in Aging Neuroscience, 0, 14, .	3.4	9
1398	Participation of signaling proteins in sperm hyperactivation. Systems Biology in Reproductive Medicine, 2022, 68, 315-330.	2.1	2
1399	The entry of unclosed autophagosomes into vacuoles and its physiological relevance. PLoS Genetics, 2022, 18, e1010431.	3.5	4
1400	The autophagy inducer SMER28 attenuates microtubule dynamics mediating neuroprotection. Scientific Reports, 2022, 12, .	3.3	10
1401	Flavopiridol Protects against Fungal Keratitis due to <i>Aspergillus fumigatus</i> by Alleviating Inflammation through the Promotion of Autophagy. ACS Infectious Diseases, 2022, 8, 2362-2373.	3.8	4
1402	Pathogenic Roles of Heparan Sulfate and Its Use as a Biomarker in Mucopolysaccharidoses. International Journal of Molecular Sciences, 2022, 23, 11724.	4.1	5
1403	The role of interaction between autophagy and apoptosis in tumorigenesis (Review). Oncology Reports, 2022, 48, .	2.6	25
1404	Many roads lead to CASM: Diverse stimuli of noncanonical autophagy share a unifying molecular mechanism. Science Advances, 2022, 8, .	10.3	29
1405	In human astrocytes neurotropic flaviviruses increase autophagy, yet their replication is autophagy-independent. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	3

#	Article	IF	CITATIONS
1406	The Molecular Effects of SGLT2i Empagliflozin on the Autophagy Pathway in Diabetes Mellitus Type 2 and Its Complications. Journal of Diabetes Research, 2022, 2022, 1-11.	2.3	4
1407	cPKCγ-Modulated Autophagy Contributes to Ischemic Preconditioning–Induced Neuroprotection in Mice with Ischemic Stroke via mTOR-ULK1 Pathway. Translational Stroke Research, 2023, 14, 790-801.	4.2	3
1408	Distinct roles for different autophagy-associated genes in the virulence of the fungal wheat pathogen Zymoseptoria tritici. Fungal Genetics and Biology, 2022, 163, 103748.	2.1	2
1409	A VPS15-like kinase regulates apicoplast biogenesis and autophagy by promoting PI3P generation in Toxoplasma gondii. PLoS Pathogens, 2022, 18, e1010922.	4.7	2
1410	Targeting small heat shock proteins to degrade aggregates as a potential strategy in neurodegenerative diseases. Ageing Research Reviews, 2022, 82, 101769.	10.9	1
1411	E3 ubiquitin ligases in the acute leukemic signaling pathways. Frontiers in Physiology, 0, 13, .	2.8	2
1412	The Role of Autophagy in the Regulation of Hematopoietic Stem Cells. Pancreatic Islet Biology, 2023, , 107-135.	0.3	0
1413	SETD2 transcriptional control of ATG14L/S isoforms regulates autophagosome–lysosome fusion. Cell Death and Disease, 2022, 13, .	6.3	7
1414	Autophagy in Mesenchymal Stem Cell-Based Therapy. Pancreatic Islet Biology, 2023, , 219-234.	0.3	0
1415	Modulating autophagy and mitophagy as a promising therapeutic approach in neurodegenerative disorders. Life Sciences, 2022, 311, 121153.	4.3	5
1417	Regulation of RB1CC1/FIP200 stability and autophagy function by CREBBP-mediated acetylation in an intrinsically disordered region. Autophagy, 2023, 19, 1662-1677.	9.1	4
1418	Comparative proteomic analysis reveals the different hepatotoxic mechanisms of human hepatocytes exposed to silver nanoparticles. Journal of Hazardous Materials, 2023, 445, 130599.	12.4	4
1419	Anti-apoptotic and autophagic effect: Using conditioned medium from human bone marrow mesenchymal stem cells to treat human trabecular meshwork cells. Regenerative Therapy, 2023, 22, 50-58.	3.0	1
1420	Autophagy inducer rapamycin treatment reduces IFN-l–mediated Inflammation and improves anti–HIV-1 T cell response in vivo. JCI Insight, 2022, 7, .	5.0	7
1421	Brucella BtpB Manipulates Apoptosis and Autophagic Flux in RAW264.7 Cells. International Journal of Molecular Sciences, 2022, 23, 14439.	4.1	3
1422	New Visions on Natural Products and Cancer Therapy: Autophagy and Related Regulatory Pathways. Cancers, 2022, 14, 5839.	3.7	21
1423	A comprehensive understanding of ambient particulate matter and its components on the adverse health effects based from epidemiological and laboratory evidence. Particle and Fibre Toxicology, 2022, 19, .	6.2	28
1424	Role of AMPK in autophagy. Frontiers in Physiology, 0, 13, .	2.8	41

#	Article	IF	CITATIONS
1425	Secretory autophagy: a turn key for understanding AMD pathology and developing new therapeutic targets?. Expert Opinion on Therapeutic Targets, 2022, 26, 883-895.	3.4	2
1426	Deficiency of cancer/testis antigen gene CT55 causes male infertility in humans and mice. Cell Death and Differentiation, 2023, 30, 500-514.	11.2	3
1427	SFTS bunyavirus NSs protein sequestrates mTOR into inclusion bodies and deregulates mTORâ€ULK1 signaling, provoking proâ€viral autophagy. Journal of Medical Virology, 2023, 95, .	5.0	4
1428	Resveratrol Ameliorates Fibrosis in Rheumatoid Arthritis-Associated Interstitial Lung Disease via the Autophagy–Lysosome Pathway. Molecules, 2022, 27, 8475.	3.8	4
1429	Autophagy in Atherosclerotic Plaque Cells: Targeting NLRP3 Inflammasome for Self-Rescue. Biomolecules, 2023, 13, 15.	4.0	6
1430	The role of autophagy and ferroptosis in sensorineural hearing loss. Frontiers in Neuroscience, 0, 16,	2.8	5
1431	Role of Autophagy in HIV-1 and Drug Abuse-Mediated Neuroinflammaging. Viruses, 2023, 15, 44.	3.3	3
1432	Role of autophagy in aging: The good, the bad, and the ugly. Aging Cell, 2023, 22, .	6.7	20
1433	Evaluation of the Combination of Metformin and Rapamycin in an MPP+-Treated SH-SY5Y Model of Parkinson's Disease. Advances in Pharmacological and Pharmaceutical Sciences, 2023, 2023, 1-8.	1.3	0
1434	How ginseng regulates autophagy: Insights from multistep process. Biomedicine and Pharmacotherapy, 2023, 158, 114139.	5.6	5
1435	Autophagy and Apoptosis: Current Challenges of Treatment and Drug Resistance in Multiple Myeloma. International Journal of Molecular Sciences, 2023, 24, 644.	4.1	4
1436	Autophagy-dependent ferroptosis in kidney disease. Frontiers in Medicine, 0, 9, .	2.6	5
1437	Insights into the role of senescence in tumor dormancy: mechanisms and applications. Cancer and Metastasis Reviews, 2023, 42, 19-35.	5.9	9
1438	The Role of Autophagy Regulation as a Novel Approach for Cancer Immunotherapy. , 2023, , 1-24.		0
1439	To Kill or to Be Killed: How Does the Battle between the UPS and Autophagy Maintain the Intracellular Homeostasis in Eukaryotes?. International Journal of Molecular Sciences, 2023, 24, 2221.	4.1	2
1440	Autophagy and necroptosis in cisplatin-induced acute kidney injury: Recent advances regarding their role and therapeutic potential. Frontiers in Pharmacology, 0, 14, .	3.5	8
1441	Treatment of Rapamycin and Evaluation of an Autophagic Response in the Gut of Bactericera cockerelli (SulÄ). Insects, 2023, 14, 142.	2.2	1
1442	Autophagy as a Promising Therapeutic Target in Age-Associated Neurodegenerative Disorders. , 2023, , 41-56.		1

#	Article	IF	CITATIONS
1443	EVALUATION OF ANTIOXIDANTS ENZYMES AND AUTOPHAGY GENES IN THE BLOOD OF IRAQI SMOKER VOLUNTEERS. Wiadomości Lekarskie, 2023, 76, 500-507.	0.3	0
1444	Autophagy in dry eye disease: Therapeutic implications of autophagy modulators on the ocular surface. Indian Journal of Ophthalmology, 2023, 71, 1285-1291.	1.1	1
1445	Chicken CH25H inhibits ALV-J replication by promoting cellular autophagy. Frontiers in Immunology, 0, 14, .	4.8	5
1446	βâ€lonone represses renal cell carcinoma progression through activating LKB1/AMPKâ€triggered autophagy. Journal of Biochemical and Molecular Toxicology, 2023, 37, .	3.0	1
1447	Alzheimer's disease-associated mutant ubiquitin (UBB+1) is secreted through an autophagosome-like vesicle-mediated unconventional pathway. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2023, 1866, 194936.	1.9	1
1448	Natural Compounds Targeting the Autophagy Pathway in the Treatment of Colorectal Cancer. International Journal of Molecular Sciences, 2023, 24, 7310.	4.1	4
1449	The interaction between Hsp90-mediated unfolded protein response and autophagy contributes to As3+/ Se4+ combination-induced apoptosis of acute promyelocytic leukemia cells. Toxicology and Applied Pharmacology, 2023, 467, 116511.	2.8	2
1450	Redox partner interactions in the ATG8 lipidation system in microalgae. Free Radical Biology and Medicine, 2023, 203, 58-68.	2.9	2
1451	Cross-talk between the RAS-ERK and mTOR signalings-associated autophagy contributes to tripterygium glycosides tablet-induced liver injury. Biomedicine and Pharmacotherapy, 2023, 160, 114325.	5.6	3
1452	The participation of non-canonical autophagic proteins in the autophagy process and their potential as therapeutic targets. Expert Opinion on Therapeutic Targets, 2023, 27, 71-86.	3.4	1
1453	G-quadruplex ligands as potent regulators of lysosomes. Autophagy, 2023, 19, 1901-1915.	9.1	3
1454	Loss of Splicing Factor SRSF3 Impairs Lipophagy Through Ubiquitination and Degradation of Syntaxin17 in Hepatocytes. Journal of Lipid Research, 2023, 64, 100342.	4.2	1
1455	Is Autophagy Inhibition in Combination with Temozolomide a Therapeutically Viable Strategy?. Cells, 2023, 12, 535.	4.1	4
1456	Viruses Binding to Host Receptors Interacts with Autophagy. International Journal of Molecular Sciences, 2023, 24, 3423.	4.1	4
1457	Role of Ceramides and Sphingolipids in Parkinson's Disease. Journal of Molecular Biology, 2023, 435, 168000.	4.2	4
1458	Autophagy-dependent ferroptosis as a potential treatment for glioblastoma. Frontiers in Oncology, 0, 13, .	2.8	5
1459	Autophagy/Mitophagy Regulated by Ubiquitination: A Promising Pathway in Cancer Therapeutics. Cancers, 2023, 15, 1112.	3.7	5
1460	Autophagy: A challengeable paradox in cancer treatment. Cancer Medicine, 2023, 12, 11542-11569.	2.8	9

#	Article	IF	Citations
1461	Dual function of Rab1A in secretion and autophagy: hypervariable domain dependence. Life Science Alliance, 2023, 6, e202201810.	2.8	3
1463	Protein homeostasis in aging and cancer. Frontiers in Cell and Developmental Biology, 0, 11, .	3.7	3
1464	Atg1-dependent phosphorylation of Vps34 is required for dynamic regulation of the phagophore assembly site and autophagy in <i>Saccharomyces cerevisiae</i> . Autophagy, 2023, 19, 2428-2442.	9.1	3
1465	miR-103-3p Regulates the Differentiation and Autophagy of Myoblasts by Targeting MAP4. International Journal of Molecular Sciences, 2023, 24, 4130.	4.1	0
1466	Identifying a selective inhibitor of autophagy that targets ATG12-ATG3 protein-protein interaction. Autophagy, 2023, 19, 2372-2385.	9.1	2
1467	Ubiquitin and its relatives as wizards of the endolysosomal system. Journal of Cell Science, 2023, 136, .	2.0	3
1468	Aquaporin 5 maintains lens transparency by regulating the lysosomal pathway using <scp>circRNA</scp> . Journal of Cellular and Molecular Medicine, 2023, 27, 803-818.	3.6	4
1469	Mitochondrial Hydrogen Peroxide Activates PTEN and Inactivates Akt Leading to Autophagy Inhibition-Dependent Cell Death in Neuronal Models of Parkinson's Disease. Molecular Neurobiology, 2023, 60, 3345-3364.	4.0	2
1470	ATG16L1 adopts a dual–binding site mode to interact with WIPI2b in autophagy. Science Advances, 2023, 9, .	10.3	7
1471	Cellular liquid–liquid phase separation: Concept, functions, regulations, and detections. Journal of Cellular Physiology, 0, , .	4.1	0
1472	Targeting Autophagy Using Long Non-Coding RNAs (LncRNAs): New Landscapes in the Arena of Cancer Therapeutics. Cells, 2023, 12, 810.	4.1	8
1474	SEC22B inhibition attenuates colorectal cancer aggressiveness and autophagic flux under unfavorable environment. Biochemical and Biophysical Research Communications, 2023, 665, 10-18.	2.1	0
1475	Autophagic flux is impaired in the brain tissue of Tay-Sachs disease mouse model. PLoS ONE, 2023, 18, e0280650.	2.5	1
1476	<i>UBE2C</i> -mediated Autophagy Inhibition via Ubiquitination of SIRT1 Contributes to Endometrial Cancer Progression. Molecular Cancer Research, 2023, 21, 564-577.	3.4	4
1477	Crosstalk between Autophagy and RLR Signaling. Cells, 2023, 12, 956.	4.1	4
1478	Detection of rare genetic variations in the promoter regions of the ATG16L gene in Parkinson's patients. Neuroscience Letters, 2023, 804, 137195.	2.1	1
1479	Brain insulin resistance linked Alzheimer's and Parkinson'sÂdisease pathology: An undying implication of epigenetic and autophagy modulation. Inflammopharmacology, 2023, 31, 699-716.	3.9	7
1480	Autophagy: A Potential Therapeutic Target to Tackle Drug Resistance in Multiple Myeloma. International Journal of Molecular Sciences, 2023, 24, 6019.	4.1	5

		CITATION R	EPORT	
#	Article		IF	CITATIONS
1482	Autophagy pathways in autoimmune diseases. Journal of Autoimmunity, 2023, 136, 10	3030.	6.5	14
1483	The role of autophagy in cardiovascular disease: Cross-interference of signaling pathway underlying therapeutic targets. Frontiers in Cardiovascular Medicine, 0, 10, .	ys and	2.4	11
1484	The hunger strikes back: an epigenetic memory for autophagy. Cell Death and Different 1404-1415.	iation, 2023, 30,	11.2	4
1485	FRIENDLY is required for efficient dark-induced mitophagy and controlled senescence in Free Radical Biology and Medicine, 2023, 204, 1-7.	Arabidopsis.	2.9	6
1486	BmCPV replication is suppressed by the activation of the NF-κB/autophagy pathway thr interaction of vsp21 translated by vcircRNA_000048 with ubiquitin carboxyl-terminal by Insect Biochemistry and Molecular Biology, 2023, 156, 103947.	ough the ⁄drolase.	2.7	1
1487	TRIM21 enhances bortezomib sensitivity in multiple myeloma by halting prosurvival aut Advances, 2023, 7, 5752-5770.	ophagy. Blood	5.2	1
1488	Targeted protein degradation might present a novel therapeutic approach in the fight a trypanosomiasis. European Journal of Pharmaceutical Sciences, 2023, 186, 106451.	gainst African	4.0	3
1489	Atrial natriuretic peptide stimulates autophagy/mitophagy and improves mitochondrial chronic heart failure. Cellular and Molecular Life Sciences, 2023, 80, .	function in	5.4	5
1490	Delineating the twin role of autophagy in lung cancer. Biologia Futura, 2023, 74, 119-1	35.	1.4	1
1491	Identification of potential selective autophagy receptors from proteinâ€content profilin autophagosomes. Journal of Cellular Biochemistry, 0, , .	g of	2.6	1
1492	Protein Aggregates and Aggrephagy in Myopathies. International Journal of Molecular S 24, 8456.	ciences, 2023,	4.1	4
1493	FBXW7 promotes autophagy and inhibits proliferation of oral squamous cell carcinoma Inflammation and Disease, 2023, 11, .	. Immunity,	2.7	2
1494	Bioorthogonally Activatable Autophagy-Tethering Compounds for Aptamer-Guided Mito Degradation. Nano Letters, 2023, 23, 4965-4973.	ochondrial	9.1	7
1495	Pyroptosis, ferroptosis, and autophagy cross-talk in glioblastoma opens up new avenue glioblastoma treatment. Cell Communication and Signaling, 2023, 21, .	s for	6.5	8
1496	Cellular proteins act as surfactants to control the interfacial behavior and function of bi condensates. Developmental Cell, 2023, 58, 919-932.e5.	ological	7.0	9
1497	Microglial-to-neuronal CCR5 signaling regulates autophagy in neurodegeneration. Neur 2021-2037.e12.	on, 2023, 111,	8.1	19
1499	Characterization of aggrephagy-related genes to predict the progression of liver fibrosis multi-omics profiles. , 2024, 5, 46-59.	from		1
1500	Role of Autophagy Pathway in Parkinson's Disease and Related Genetic Neurologica Journal of Molecular Biology, 2023, 435, 168144.	l Disorders.	4.2	10

#	Article	IF	CITATIONS
1501	Limited Bariatric Surgery-induced Weight Loss in Subjects With Type 2 Diabetes: Predictor Variables in Adipose Tissue. Journal of Clinical Endocrinology and Metabolism, 0, , .	3.6	0
1502	ULK1-mediated metabolic reprogramming regulates Vps34 lipid kinase activity by its lactylation. Science Advances, 2023, 9, .	10.3	13
1503	CircHIPK3 negatively regulates autophagy by blocking VCP binding to the Beclin 1 complex in bladder cancer. Discover Oncology, 2023, 14, .	2.1	0
1504	A autophagy related-like protein 16-1 promotes the formation of autophagosomes and autolysosomes in antibacterial immune response of Pacific oyster Crassostrea gigas. Developmental and Comparative Immunology, 2023, 147, 104748.	2.3	2
1505	The landscape of mitophagy in sepsis reveals PHB1 as an NLRP3 inflammasome inhibitor. Frontiers in Immunology, 0, 14, .	4.8	1
1506	PtdIns4P exchange at endoplasmic reticulum-autolysosome contacts is essential for autophagy and neuronal homeostasis. Autophagy, 2023, 19, 2682-2701.	9.1	1
1507	The roles of molecular chaperones in regulating cell metabolism. FEBS Letters, 2023, 597, 1681-1701.	2.8	3
1508	Inhibition of autophagy; an opportunity for the treatment of cancer resistance. Frontiers in Cell and Developmental Biology, 0, 11, .	3.7	0
1509	High levels of intracellular endotrophin in adipocytes mediate COPII vesicle supplies to autophagosome to impair autophagic flux and contribute to systemic insulin resistance in obesity. Metabolism: Clinical and Experimental, 2023, 145, 155629.	3.4	0
1510	Downregulation of Claudin5 promotes malignant progression and radioresistance through Beclin1-mediated autophagy in esophageal squamous cell carcinoma. Journal of Translational Medicine, 2023, 21, .	4.4	3
1511	LC3B is lipidated to large lipid droplets during prolonged starvation for noncanonical autophagy. Developmental Cell, 2023, 58, 1266-1281.e7.	7.0	5
1512	Emerging roles of p300/CBP in autophagy and autophagy-related human disorders. Journal of Cell Science, 2023, 136, .	2.0	2
1513	Antibody screening reveals antigenic proteins involved in Talaromyces marneffei and human interaction. Frontiers in Cellular and Infection Microbiology, 0, 13, .	3.9	1
1514	Regulated Cell Death of Retinal Ganglion Cells in Glaucoma: Molecular Insights and Therapeutic Potentials. Cellular and Molecular Neurobiology, 2023, 43, 3161-3178.	3.3	4
1515	Biology of Stress Responses in Aging. , 2023, 1, 20230001.		0
1516	Autophagyâ€dependent regulation of MHCâ€i molecule presentation. Journal of Cellular Biochemistry, 0, ,	2.6	1
1517	Autophagy modulation in breast cancer utilizing nanomaterials and nanoparticles. Frontiers in Oncology, 0, 13, .	2.8	1
1518	Role of Macroautophagy in Mammalian Male Reproductive Physiology. Cells, 2023, 12, 1322.	4.1	1

#	Article	IF	CITATIONS
1519	The role of lysosomal membrane proteins in autophagy and related diseases. FEBS Journal, 0, , .	4.7	0
1521	Autophagy dictates sensitivity to PRMT5 inhibitor in breast cancer. Scientific Reports, 2023, 13, .	3.3	4
1522	TLR4 Overexpression Aggravates Bacterial Lipopolysaccharide-Induced Apoptosis via Excessive Autophagy and NF-κB/MAPK Signaling in Transgenic Mammal Models. Cells, 2023, 12, 1769.	4.1	1
1523	Targeting autophagy with tamoxifen in breast cancer: From molecular mechanisms to targeted therapy. Fundamental and Clinical Pharmacology, 2023, 37, 1092-1108.	1.9	0
1524	Hepatic and Skeletal Muscle Autophagy Marker Levels in Rat Models of Prenatal and Postnatal Protein Restriction. Nutrients, 2023, 15, 3058.	4.1	0
1525	Tethering ATG16L1 or LC3 induces targeted autophagic degradation of protein aggregates and mitochondria. Autophagy, 2023, 19, 2997-3013.	9.1	2
1526	Comprehensive view of macrophage autophagy and its application in cardiovascular diseases. Cell Proliferation, 2024, 57, .	5.3	2
1527	Molecular regulation and therapeutic implications of cell death in pulmonary hypertension. Cell Death Discovery, 2023, 9, .	4.7	6
1528	Autophagy orchestrates the crosstalk between cellsÂand organs. EMBO Reports, 0, , .	4.5	1
1529	Aging Differentially Affects Axonal Autophagosome Formation and Maturation. Autophagy, 0, , 1-17.	9.1	1
1530	Drug discovery by targeting the protein–protein interactions involved in autophagy. Acta Pharmaceutica Sinica B, 2023, 13, 4373-4390.	12.0	4
1531	Role of microRNAs in regulation of doxorubicin and paclitaxel responses in lung tumor cells. Cell Division, 2023, 18, .	2.4	0
1532	Impact and Advances in the Role of Bacterial Extracellular Vesicles in Neurodegenerative Disease and Its Therapeutics. Biomedicines, 2023, 11, 2056.	3.2	1
1533	Hsa_circ_0001402 alleviates vascular neointimal hyperplasia through a miR-183-5p-dependent regulation of vascular smooth muscle cell proliferation, migration, and autophagy. Journal of Advanced Research, 2023, , .	9.5	3
1534	Central Nervous System Targeted Protein Degraders. Biomolecules, 2023, 13, 1164.	4.0	1
1535	Nrf2: a dark horse in doxorubicin-induced cardiotoxicity. Cell Death Discovery, 2023, 9, .	4.7	8
1537	Vitamin D and autophagy in knee osteoarthritis: A review. International Immunopharmacology, 2023, 123, 110712.	3.8	1
1538	AI-based AlphaFold2 significantly expands the structural space of the autophagy pathway. Autophagy, 0, , 1-20.	9.1	0

#	Article	IF	CITATIONS
1539	Autophagy/Mitophagy in Airway Diseases: Impact of Oxidative Stress on Epithelial Cells. Biomolecules, 2023, 13, 1217.	4.0	3
1541	Autophagy and Exercise: Current Insights and Future Research Directions. International Journal of Sports Medicine, 2024, 45, 171-182.	1.7	0
1542	Differential Regulation of Autophagy on Urine-Concentrating Capability through Modulating the Renal AQP2 Expression and Renin-Angiotensin System in Mice. American Journal of Physiology - Renal Physiology, 0, , .	2.7	1
1543	Proteostasis plays an important role in demyelinating Charcot Marie Tooth disease. Biochemical Pharmacology, 2023, 216, 115760.	4.4	0
1544	p62 and NBR1 functions are dispensable for aggrephagy in mouse ESCs and ESC-derived neurons. Life Science Alliance, 2023, 6, e202301936.	2.8	0
1545	<scp>TOR</scp> â€mediated Ypt1 phosphorylation regulates autophagy initiation complex assembly. EMBO Journal, 2023, 42, .	7.8	0
1546	Altered Expression of Autophagy Biomarkers in Hippocampal Neurons in a Multiple Sclerosis Animal Model. International Journal of Molecular Sciences, 2023, 24, 13225.	4.1	3
1547	Selective autophagy associated with iron overload aggravates non-alcoholic steatohepatitis via ferroptosis. Experimental Biology and Medicine, 2023, 248, 1112-1123.	2.4	1
1548	Emerging Roles of Ubiquitination in Biomolecular Condensates. Cells, 2023, 12, 2329.	4.1	2
1549	Involvement of the Sch9/Rim15/Msn2 signaling pathway in the anti-aging activity of dendrobine from Dendrobium nobile Lindl. via modification of oxidative stress and autophagy. Chinese Medicine, 2023, 18, .	4.0	0
1550	Autophagy and Inflammation: Regulatory Roles in Viral Infections. Biomolecules, 2023, 13, 1454.	4.0	1
1551	Novel Potent Autophagy Inhibitor Ka-003 Inhibits Dengue Virus Replication. Viruses, 2023, 15, 2012.	3.3	0
1552	The Effects of Cordycepin on Benign Prostatic Hyperplasia through Autophagy Activation in BPH-1 Cell Line. Cell and Tissue Biology, 2023, 17, 353-363.	0.4	0
1553	S670, an amide derivative of 3-O-acetyl-11-keto-β-boswellic acid, induces ferroptosis in human glioblastoma cells by generating ROS and inhibiting STX17-mediated fusion of autophagosome and lysosome. Acta Pharmacologica Sinica, 0, , .	6.1	0
1554	The role of autophagy protein Atg5 in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2023, 79, 105029.	2.0	1
1555	Three-dimensional growth sensitizes breast cancer cells to treatment with ferroptosis-promoting drugs. Cell Death and Disease, 2023, 14, .	6.3	1
1556	The Multifaceted Role of Degradable Cobalt Nanoparticles: Dual-Target Starvation and Intracellular Acidification Engendering LC3-Associated Whole-Cell Autophagy. , 2023, 5, 2726-2738.		0
1557	Mechanistic Insights into the Interactions of Arl8b with the RUN Domains of PLEKHM1 and SKIP. Journal of Molecular Biology, 2023, 435, 168293.	4.2	0

#	Article	IF	CITATIONS
1558	Autophagy as a caretaker of nuclear integrity. FEBS Letters, 2023, 597, 2728-2738.	2.8	2
1559	Crosstalk between mitochondrial biogenesis and mitophagy to maintain mitochondrial homeostasis. Journal of Biomedical Science, 2023, 30, .	7.0	10
1560	Nutrientâ $\in$ dependent signaling pathways that control autophagy in yeast. FEBS Letters, 0, , .	2.8	0
1561	Crosstalk between autophagy and metabolic regulation of (CAR) T cells: therapeutic implications. Frontiers in Immunology, 0, 14, .	4.8	0
1562	Omics Analyses in a Neural Stem Cell Model of Familial Parkinson's Disease. Advances in Experimental Medicine and Biology, 2023, , 149-160.	1.6	0
1564	Mitigating viral invasion: mTORC2â $\in$ <sup>TM</sup> s role in neuroprotection and immunity. , 2024, , 173-182.		0
1565	Proteostasis in T cell aging. Seminars in Immunology, 2023, 70, 101838.	5.6	0
1566	Proteostasis defects: Medicinal challenges of imperfect aging & neurodegeneration. Translational Medicine of Aging, 2023, 7, 87-97.	1.3	0
1567	Lysosome and related protein degradation technologies. Drug Discovery Today, 2023, 28, 103767.	6.4	0
1568	Luteolin alleviates depressionâ€like behavior by modulating glycerophospholipid metabolism in the hippocampus and prefrontal cortex of LOD rats. CNS Neuroscience and Therapeutics, 2024, 30, .	3.9	0
1569	Cand2 inhibits CRL-mediated ubiquitination and suppresses autophagy to facilitate pathogenicity of phytopathogenic fungi. Plant Communications, 2024, 5, 100720.	7.7	0
1570	Signaling circuits and the apical extracellular matrix in aging: connections identified in the nematode <i>Caenorhabditis elegans</i> . American Journal of Physiology - Cell Physiology, 2023, 325, C1201-C1211.	4.6	0
1571	Reduction of Tumor Formation in GABARAP Knockout Mice is Associated with Absence of H-ras Mutation. , 2022, 15, 7-14.		0
1572	Cathepsin D mediates prenatal caffeine exposure-caused NAFLD susceptibility in male rat offspring by regulating autophagy. Free Radical Biology and Medicine, 2023, 208, 684-699.	2.9	0
1573	The Molecular Mechanism and Therapeutic Application of Autophagy for Urological Disease. International Journal of Molecular Sciences, 2023, 24, 14887.	4.1	1
1574	Ganoderma lucidum polysaccharides associated with 5-Fluorouracil impair OSCC tumorigenesis in vitro. Pharmacological Research Modern Chinese Medicine, 2023, 9, 100310.	1.2	0
1575	Seasonal variations of the epididymis in donkeys ( <scp><i>Equus asinus</i></scp> ) with special reference to blood epididymal barrier. Microscopy Research and Technique, 2024, 87, 326-338.	2.2	0
1576	HOOKLESS1 acetylates AUTOPHAGY-RELATED PROTEIN18a to promote autophagy during nutrient starvation in Arabidopsis. Plant Cell, 2023, 36, 136-157.	6.6	1

#	Article	IF	CITATIONS
1577	A noncanonical function of SKP1 regulates the switch between autophagy and unconventional secretion. Science Advances, 2023, 9, .	10.3	2
1578	Metixene is an incomplete autophagy inducer in preclinical models of metastatic cancer and brain metastases. Journal of Clinical Investigation, 0, , .	8.2	1
1579	Compounds targeting ferroptosis in breast cancer: progress and their therapeutic potential. Frontiers in Pharmacology, 0, 14, .	3.5	0
1580	<i>Moringa oleifera</i> and Autophagy: Evidence from <i>In Vitro</i> Studies on Chaperone-Mediated Autophagy in HepG <sub>2</sub> Cancer Cells. Nutrition and Cancer, 2023, 75, 1822-1847.	2.0	0
1581	Unlocking the Therapeutic Potential of Medicinal Plants for Alzheimer's Disease: Preclinical to Clinical Trial Insights. Future Pharmacology, 2023, 3, 877-907.	1.8	2
1582	The Small GTPase Rab7 Regulates Antigen Processing in B Cells in a Possible Interplay with Autophagy Machinery. Cells, 2023, 12, 2566.	4.1	1
1583	V-ATPase recruitment to ER exit sites switches COPII-mediated transport to lysosomal degradation. Developmental Cell, 2023, 58, 2761-2775.e5.	7.0	2
1584	Transcriptome Analysis Reveals the Involvement of Mitophagy and Peroxisome in the Resistance to Qols in Corynespora cassiicola. Microorganisms, 2023, 11, 2849.	3.6	Ο
1585	Advances of Protein Palmitoylation in Tumor Cell Deaths. Cancers, 2023, 15, 5503.	3.7	0
1586	Autophagy as a dual-faced host response to viral infections. Frontiers in Cellular and Infection Microbiology, 0, 13, .	3.9	1
1587	Application Value of Antimicrobial Peptides in Gastrointestinal Tumors. International Journal of Molecular Sciences, 2023, 24, 16718.	4.1	1
1588	Revealing the role of epigenetic and post-translational modulations of autophagy proteins in the regulation of autophagy and cancer: a therapeutic approach. Molecular Biology Reports, 2024, 51, .	2.3	0
1589	The Role of Autophagy in Type 2 Diabetic Kidney Disease Management. Cells, 2023, 12, 2691.	4.1	0
1590	Phlorizin, a novel caloric restriction mimetic, stimulates hypoxia and protects cardiomyocytes through activating autophagy via modulating the Hif-11±/Bnip3 axis in sepsis-induced myocardial dysfunction. International Immunopharmacology, 2024, 126, 111241.	3.8	1
1591	New insight of the pathogenesis in osteoarthritis: the intricate interplay of ferroptosis and autophagy mediated by mitophagy/chaperone-mediated autophagy. Frontiers in Cell and Developmental Biology, 0, 11, .	3.7	1
1592	Septins modulate the autophagy response after nutrient starvation. Molecular Biology of the Cell, 0, ,	2.1	1
1593	Multifaceted Functions of RNA m6A Modification in Modulating Regulated Cell Death. RNA Technologies, 2023, , 539-573.	0.3	0
1594	Deacetylation of ATG7 drives the induction of macroautophagy and LC3-associated microautophagy. Autophagy, 0, , 1-13.	9.1	0

#	Article	IF	CITATIONS
1595	Expression of the umami taste receptor T1R1/T1R3 in porcine testis of: Function in regulating testosterone synthesis and autophagy in Leydig cells. Journal of Steroid Biochemistry and Molecular Biology, 2024, 236, 106429.	2.5	0
1596	Neonatal nicotine exposure affects adult rat hepatic pathways involved in endoplasmic reticulum stress and macroautophagy in a sex-dependent manner. Journal of Developmental Origins of Health and Disease, 0, , 1-9.	1.4	0
1597	The role of autophagy in tick-endosymbiont interactions: insights from <i>Ixodes scapularis</i> and <i>Rickettsia buchneri</i> . Microbiology Spectrum, 0, , .	3.0	0
1598	Comparative Genetic Analysis of the Promoters of the ATG16L1 and ATG5 Genes Associated with Sporadic Parkinson's Disease. Genes, 2023, 14, 2171.	2.4	0
1599	Molecular determinants of the crosstalk between endosomal microautophagy and chaperone-mediated autophagy. Cell Reports, 2023, 42, 113529.	6.4	0
1600	Host-directed therapy against tuberculosis: Concept and recent developments. Journal of Biosciences, 2023, 48, .	1.1	0
1601	Natural compounds modulating mitophagy: Implications for cancer therapy. Cancer Letters, 2024, 582, 216590.	7.2	0
1602	Global Remodeling of Host Proteome in Response to <i>Leishmania</i> Infection. ACS Infectious Diseases, 0, , .	3.8	0
1603	PAK inhibitor FRAX486 decreases the metastatic potential of triple-negative breast cancer cells by blocking autophagy. British Journal of Cancer, 2024, 130, 394-405.	6.4	0
1604	Uncovering the Impact of Aggrephagy in the Development of Alzheimer's Disease: Insights Into Diagnostic and Therapeutic Approaches from Machine Learning Analysis. Current Alzheimer Research, 2023, 20, 618-635.	1.4	0
1605	M2 Muscarinic Receptor Stimulation Induces Autophagy in Human Glioblastoma Cancer Stem Cells via mTOR Complex-1 Inhibition. Cancers, 2024, 16, 25.	3.7	0
1606	Postâ€ŧranslational modifications linked to preclinical Alzheimer's disease–related pathological and cognitive changes. Alzheimer's and Dementia, 2024, 20, 1851-1867.	0.8	0
1607	Role of autophagy in pathogenesis of ulcerative colitis. World Chinese Journal of Digestology, 2023, 31, 1022-1028.	0.1	0
1608	Stay in touch with the endoplasmic reticulum. Science China Life Sciences, 2024, 67, 230-257.	4.9	0
1609	Contrasting views on the role of AMPK in autophagy. BioEssays, 2024, 46, .	2.5	0
1610	Protein Quality Control Systems and ER Stress as Key Players in SARS-CoV-2-Induced Neurodegeneration. Cells, 2024, 13, 123.	4.1	0
1611	Two autophagy-related proteins, ATG5 and ATG7, from Eriocheir sinensis involved into Spiroplasma eriocheiris infection. Aquaculture, 2024, 582, 740556.	3.5	0
1614	Lactate-induced autophagy activation: unraveling the therapeutic impact of high-intensity interval training on insulin resistance in type 2 diabetic rats. Scientific Reports, 2024, 14, .	3.3	0

#	Article	IF	CITATIONS
1615	Programmed cell death in tumor immunity: mechanistic insights and clinical implications. Frontiers in Immunology, 0, 14, .	4.8	0
1616	Oral squamous cell carcinoma. , 2024, , 1-87.		0
1617	Mitochondrial dynamics and mitochondrial autophagy: Molecular structure, orchestrating mechanism and related disorders. Mitochondrion, 2024, 75, 101847.	3.4	0
1618	Osthole impairs mitochondrial metabolism and the autophagic flux in colorectal cancer. Phytomedicine, 2024, 125, 155383.	5.3	0
1619	The role of autophagy in insulin resistance and glucolipid metabolism and potential use of autophagy modulating natural products in the treatment of type 2 diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2024, 40, .	4.0	0
1620	CTRP9 prevents atherosclerosis progression through changing autophagic status of macrophages by activating USP22 mediated-de-ubiquitination on Sirt1 in vitro. Molecular and Cellular Endocrinology, 2024, 584, 112161.	3.2	0
1621	Qingfei xieding prescription ameliorates mitochondrial DNA-initiated inflammation in bleomycin-induced pulmonary fibrosis through activating autophagy. Journal of Ethnopharmacology, 2024, 325, 117820.	4.1	0
1622	Regulation and Functions of Autophagy During Animal Development. Journal of Molecular Biology, 2024, , 168473.	4.2	0
1623	Protein arginine methyltransferases (PRMTs): Orchestrators of cancer pathogenesis, immunotherapy dynamics, and drug resistance. Biochemical Pharmacology, 2024, 221, 116048.	4.4	0
1624	Autophagy and Huntington's disease. , 2024, , 229-257.		0
1625	Calcium and Phosphate Ion Efflux from Cells: The Roles of Matrix Vesicles, Extracellular Vesicles, and Other Membrane-invested Transporters in Vertebrate Hard Tissue Mineralization. , 2023, , 237-294.		0
1626	Autophagy-modulating biomaterials: multifunctional weapons to promote tissue regeneration. Cell Communication and Signaling, 2024, 22, .	6.5	0
1627	Linear motifs regulating protein secretion, sorting and autophagy in Leishmania parasites are diverged with respect to their host equivalents. PLoS Computational Biology, 2024, 20, e1011902.	3.2	0
1628	Recent advances in organelle-targeted organic photosensitizers for efficient photodynamic therapy. Coordination Chemistry Reviews, 2024, 506, 215710.	18.8	0
1629	Loss of chaperoneâ€mediated autophagy does not alter ageâ€related bone loss in male mice. FASEB BioAdvances, 2024, 6, 73-84.	2.4	0
1630	Targeting autophagy by antipsychotic phenothiazines: potential drug repurposing for cancer therapy. Biochemical Pharmacology, 2024, 222, 116075.	4.4	0
1631	Role of autophagy in skin photoaging: A narrative review. Medicine (United States), 2024, 103, e37178.	1.0	0
1632	RNA interference confirmed a close association of CYP, ApD, and UCH with the function of CpG ODNs in Litopenaeus vannamei. Aquaculture, 2024, 585, 740707.	3.5	0

#	Article	IF	CITATIONS
1633	Betulinic acid induces apoptosis of HeLa cells via ROS-dependent ER stress and autophagy in vitro and in vivo. Journal of Natural Medicines, 0, , .	2.3	0
1634	Real-Time Visualization of Cholesterol Trafficking in Human Granulosa Cells Using Confocal Live Cell Microscopy as a Tool to Study the Novel Role of Autophagy in Sex Steroid Synthesis. Methods in Molecular Biology, 2024, , .	0.9	0
1635	The potential anti-tumor effect of anesthetics on cancer by regulating autophagy. Frontiers in Pharmacology, 0, 15, .	3.5	0
1636	Functional significance of O-linked N-acetylglucosamine protein modification in regulating autophagy. Pharmacological Research, 2024, 202, 107120.	7.1	0
1637	Shared and more specific genetic determinants and pathways underlying yeast tolerance to acetic, butyric, and octanoic acids. Microbial Cell Factories, 2024, 23, .	4.0	0
1638	The interplay between mitochondrial dynamics and autophagy: From a key homeostatic mechanism to a driver of pathology. Seminars in Cell and Developmental Biology, 2024, 161-162, 1-19.	5.0	0
1639	Investigating Protein-Protein Interactions of Autophagy-Involved TNIP1. Methods in Molecular Biology, 2024, , .	0.9	0
1640	Autophagy-related protein PIATG2 regulates the vegetative growth, sporangial cleavage, autophagosome formation, and pathogenicity of <i>peronophythora litchii</i> . Virulence, 2024, 15, .	4.4	0
1641	Lectin: A Molecular Tool in Cancer Diagnosis and Therapy with Special Reference to Reproductive Cancers. Molecular Biotechnology, 0, , .	2.4	0
1642	<scp>MoAti1</scp> mediates mitophagy by facilitating recruitment of <scp>MoAtg8</scp> to promote invasive growth in <i>Magnaporthe oryzae</i> . Molecular Plant Pathology, 2024, 25, .	4.2	0
1643	A Comparative Analysis of Orexins in the Physio-Pathological Processes of the Male Genital Tract: New Challenges? A Review. Veterinary Sciences, 2024, 11, 131.	1.7	0
1644	MoMkk1 and MoAtg1 dichotomously regulating autophagy and pathogenicity through MoAtg9 phosphorylation in <i>Magnaporthe oryzae</i> . MBio, 2024, 15, .	4.1	0
1645	Friends and Foes: The Ambivalent Role of Autophagy in HIV-1 Infection. Viruses, 2024, 16, 500.	3.3	0
1646	The Potential of Targeting Autophagy-Related Non-coding RNAs in the Treatment of Alzheimer's and Parkinson's Diseases. Cellular and Molecular Neurobiology, 2024, 44, .	3.3	0
1647	Interleukin-22 Alleviates Caerulein-Induced Acute Pancreatitis by Activating AKT/mTOR Pathway. Digestive Diseases and Sciences, 0, , .	2.3	0
1648	Mitochondrial damage and clearance in retinal pigment epithelial cells. Acta Ophthalmologica, 2024, 102, 3-53.	1.1	0
1649	Molecular Mechanism of Autophagosome–Lysosome Fusion in Mammalian Cells. Cells, 2024, 13, 500.	4.1	0
1650	Emerging dimensions of autophagy in melanoma. Autophagy, 0, , 1-12.	9.1	0

		CITATION R	ation Report	
#	Article		IF	CITATIONS
1651	Hypoxia-associated autophagy flux dysregulation in human cancers. Cancer Letters, 20	024, 590, 216823.	7.2	0
1652	The association between ferroptosis and autophagy in cardiovascular diseases. Cell Bic Function, 2024, 42, .	ochemistry and	2.9	0
1654	Comprehensive Analysis of Autophagy-Related Genes in Rice Immunity against Magnap Plants, 2024, 13, 927.	porthe oryzae.	3.5	0
1655	Regulation of Autophagosome–Lysosome Fusion by Human Viral Infections. Pathoge	ens, 2024, 13, 266.	2.8	0
1656	Uncoordinated 51-like kinase 1a/b and 2 in fish Megalobrama amblycephala: Molecular functional characterization, and their potential roles in glucose metabolism. Internation of Biological Macromolecules, 2024, 265, 130985.	r cloning, nal Journal	7.5	0