

LC3, a mammalian homologue of yeast Apg8p, is localized after processing

EMBO Journal

19, 5720-5728

DOI: [10.1093/emboj/19.21.5720](https://doi.org/10.1093/emboj/19.21.5720)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A ubiquitin-like system mediates protein lipidation. <i>Nature</i> , 2000, 408, 488-492.	13.7	1,790
2	Autophagy as a Regulated Pathway of Cellular Degradation. , 2000, 290, 1717-1721.		3,087
3	Autophagic Cell Death and Its Execution by Lysosomal Cathepsins.. <i>Archives of Histology and Cytology</i> , 2001, 64, 233-246.	0.2	222
4	Approaching the Molecular Mechanism of Autophagy. <i>Traffic</i> , 2001, 2, 524-531.	1.3	151
5	The pre-autophagosomal structure organized by concerted functions of APG genes is essential for autophagosome formation. <i>EMBO Journal</i> , 2001, 20, 5971-5981.	3.5	864
6	Molecular dissection of autophagy: two ubiquitin-like systems. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 211-216.	16.1	1,190
7	Dissection of Autophagosome Formation Using Apg5-Deficient Mouse Embryonic Stem Cells. <i>Journal of Cell Biology</i> , 2001, 152, 657-668.	2.3	1,282
8	Apg2p Functions in Autophagosome Formation on the Perivacuolar Structure. <i>Journal of Biological Chemistry</i> , 2001, 276, 30452-30460.	1.6	115
9	The Human Homolog of <i>Saccharomyces cerevisiae</i> Apg7p Is a Protein-activating Enzyme for Multiple Substrates Including Human Apg12p, GATE-16, GABARAP, and MAP-LC3. <i>Journal of Biological Chemistry</i> , 2001, 276, 1701-1706.	1.6	294
10	Autophagy in Yeast: Mechanistic Insights and Physiological Function. <i>Microbiology and Molecular Biology Reviews</i> , 2001, 65, 463-479.	2.9	155
11	Cellular Sequences in Pestivirus Genomes Encoding Gamma-Aminobutyric Acid (A) Receptor-Associated Protein and Golgi-Associated ATPase Enhancer of 16 Kilodaltons. <i>Journal of Virology</i> , 2002, 76, 13069-13076.	1.5	42
12	Leaf Senescence and Starvation-Induced Chlorosis Are Accelerated by the Disruption of an Arabidopsis Autophagy Gene. <i>Plant Physiology</i> , 2002, 129, 1181-1193.	2.3	548
13	Human Apg3p/Aut1p Homologue Is an Authentic E2 Enzyme for Multiple Substrates, GATE-16, GABARAP, and MAP-LC3, and Facilitates the Conjugation of hApg12p to hApg5p. <i>Journal of Biological Chemistry</i> , 2002, 277, 13739-13744.	1.6	237
14	Elucidating TOR Signaling and Rapamycin Action: Lessons from <i>Saccharomyces cerevisiae</i> . <i>Microbiology and Molecular Biology Reviews</i> , 2002, 66, 579-591.	2.9	312
15	Regulation of starvation- and virus-induced autophagy by the eIF2 \hat{A} kinase signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 190-195.	3.3	706
16	<i>Coxiella burnetii</i> Localizes in a Rab7-Labeled Compartment with Autophagic Characteristics. <i>Infection and Immunity</i> , 2002, 70, 5816-5821.	1.0	219
17	Novel PtdIns(3)P-binding protein Etf1 functions as an effector of the Vps34 PtdIns 3-kinase in autophagy. <i>Journal of Cell Biology</i> , 2002, 158, 761-772.	2.3	85
18	The First Molecular Evidence That Autophagy Relates Rimmed Vacuole Formation in Chloroquine Myopathy. <i>Journal of Biochemistry</i> , 2002, 131, 647-651.	0.9	53

#	ARTICLE	IF	CITATIONS
19	The Apg8/12-activating Enzyme Apg7 Is Required for Proper Nutrient Recycling and Senescence in <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 33105-33114.	1.6	521
20	Murine Apg12p Has a Substrate Preference for Murine Apg7p over Three Apg8p Homologs. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 256-262.	1.0	30
21	Crystal structure of the GABA A receptor-associated protein, GABARAP. <i>EMBO Reports</i> , 2002, 3, 183-189.	2.0	65
22	Autophagy in the Eukaryotic Cell. <i>Eukaryotic Cell</i> , 2002, 1, 11-21.	3.4	517
23	Mammalian Apg12p, but not the Apg12p-Apg5p conjugate, facilitates LC3 processing. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 1164-1170.	1.0	37
24	Mouse Apg10 as an Apg12-conjugating enzyme: analysis by the conjugation-mediated yeast two-hybrid method. <i>FEBS Letters</i> , 2002, 532, 450-454.	1.3	44
25	SKD1 AAA ATPase-Dependent Endosomal Transport is Involved in Autolysosome Formation.. <i>Cell Structure and Function</i> , 2002, 27, 29-37.	0.5	131
26	Diversity of Signaling Controls of Macroautophagy in Mammalian Cells.. <i>Cell Structure and Function</i> , 2002, 27, 431-441.	0.5	67
27	Autophagosome Formation in Mammalian Cells.. <i>Cell Structure and Function</i> , 2002, 27, 421-429.	0.5	833
28	Autophagy in Yeast: A Review of the Molecular Machinery.. <i>Cell Structure and Function</i> , 2002, 27, 409-420.	0.5	180
29	Induction of Autophagy Causes Dramatic Changes in the Subcellular Distribution of GFP-Rab24. <i>Traffic</i> , 2002, 3, 472-482.	1.3	163
30	Inhibition of Autophagy in Mitotic Animal Cells. <i>Traffic</i> , 2002, 3, 878-893.	1.3	163
31	Paz2 and 13 other PAZ gene products regulate vacuolar engulfment of peroxisomes during micropexophagy. <i>Genes To Cells</i> , 2002, 7, 75-90.	0.5	109
32	Bacterial interactions with the autophagic pathway. <i>Cellular Microbiology</i> , 2002, 4, 1-10.	1.1	158
33	Light Chain 3 associates with a Sos1 guanine nucleotide exchange factor: its significance in the Sos1-mediated Rac1 signaling leading to membrane ruffling. <i>Oncogene</i> , 2002, 21, 7060-7066.	2.6	16
34	DAP kinase and DRP-1 mediate membrane blebbing and the formation of autophagic vesicles during programmed cell death. <i>Journal of Cell Biology</i> , 2002, 157, 455-468.	2.3	471
35	Mechanisms of GABA _A Receptor Assembly and Trafficking: Implications for the Modulation of Inhibitory Neurotransmission. <i>Molecular Neurobiology</i> , 2002, 26, 251-268.	1.9	78
36	Putative microtubule-associated proteins from the <i>Arabidopsis</i> genome. <i>Protoplasma</i> , 2003, 222, 61-74.	1.0	39

#	ARTICLE	IF	CITATIONS
37	Modulation of GABAA receptor activity by phosphorylation and receptor trafficking: implications for the efficacy of synaptic inhibition. <i>Current Opinion in Neurobiology</i> , 2003, 13, 341-347.	2.0	262
38	Autophagy: a barrier or an adaptive response to cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2003, 1603, 113-128.	3.3	165
39	Involvement of LMA1 and GATE-16 family members in intracellular membrane dynamics. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2003, 1641, 145-156.	1.9	23
40	Degradation of normal and proliferated peroxisomes in rat hepatocytes: Regulation of peroxisomes quantity in cells. <i>Microscopy Research and Technique</i> , 2003, 61, 151-160.	1.2	29
41	Crystallization and preliminary X-ray analysis of LC3-I. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1464-1465.	2.5	10
42	Phosphoinositide 3-kinase accelerates autophagic cell death during glucose deprivation in the rat cardiomyocyte-derived cell line H9c2. <i>Oncogene</i> , 2003, 22, 8529-8535.	2.6	123
43	Dynamics of Endosomal Sorting. <i>International Review of Cytology</i> , 2003, 232, 1-57.	6.2	42
44	Inhibition of DNA repair for sensitizing resistant glioma cells to temozolomide. <i>Journal of Neurosurgery</i> , 2003, 99, 1047-1052.	0.9	128
45	The carboxyl terminal 17 amino acids within Apg7 are essential for Apg8 lipidation, but not for Apg12 conjugation. <i>FEBS Letters</i> , 2003, 551, 71-77.	1.3	14
46	GATE-16 and GABARAP are authentic modifiers mediated by Apg7 and Apg3. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 637-644.	1.0	96
47	Class III phosphoinositide 3-kinase-Beclin1 complex mediates the amino acid-dependent regulation of autophagy in C2C12 myotubes. <i>Biochemical Journal</i> , 2003, 376, 577-586.	1.7	198
48	Role of the Apg12 conjugation system in mammalian autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 553-561.	1.2	107
49	Autophagy Genes Are Essential for Dauer Development and Life-Span Extension in <i>C. elegans</i> . <i>Science</i> , 2003, 301, 1387-1391.	6.0	1,200
50	Mouse Apg16L, a novel WD-repeat protein, targets to the autophagic isolation membrane with the Apg12-Apg5 conjugate. <i>Journal of Cell Science</i> , 2003, 116, 1679-1688.	1.2	660
51	The ALG-2-interacting Protein Alix Associates with CHMP4b, a Human Homologue of Yeast Snf7 That Is Involved in Multivesicular Body Sorting. <i>Journal of Biological Chemistry</i> , 2003, 278, 39104-39113.	1.6	185
52	Insulin-dependent signaling regulates azurophil granule-selective macroautophagy in human myeloblastic cells. <i>Journal of Leukocyte Biology</i> , 2003, 74, 1108-1116.	1.5	18
53	Post-translational Modifications of Three Members of the Human MAP1LC3 Family and Detection of a Novel Type of Modification for MAP1LC3B. <i>Journal of Biological Chemistry</i> , 2003, 278, 29278-29287.	1.6	244
54	A Single Protease, Apg4B, Is Specific for the Autophagy-related Ubiquitin-like Proteins GATE-16, MAP1-LC3, GABARAP, and Apg8L. <i>Journal of Biological Chemistry</i> , 2003, 278, 51841-51850.	1.6	213

#	ARTICLE	IF	CITATIONS
55	MAP-1LC3, a promising autophagosomal marker, is processed during the differentiation and recovery of podocytes from PAN nephrosis. <i>FASEB Journal</i> , 2003, 17, 1165-1167.	0.2	180
56	The COOH Terminus of GATE-16, an Intra-Golgi Transport Modulator, Is Cleaved by the Human Cysteine Protease HsApg4A. <i>Journal of Biological Chemistry</i> , 2003, 278, 14053-14058.	1.6	69
57	Human Autophagins, a Family of Cysteine Proteinases Potentially Implicated in Cell Degradation by Autophagy. <i>Journal of Biological Chemistry</i> , 2003, 278, 3671-3678.	1.6	189
58	The Mouse APG10 Homologue, an E2-like Enzyme for Apg12p Conjugation, Facilitates MAP-LC3 Modification. <i>Journal of Biological Chemistry</i> , 2003, 278, 39517-39526.	1.6	70
59	Amino Acids as Regulators of Proteolysis ^{1,2} . <i>Journal of Nutrition</i> , 2003, 133, 2052S-2056S.	1.3	133
60	Promotion of tumorigenesis by heterozygous disruption of the beclin 1 autophagy gene. <i>Journal of Clinical Investigation</i> , 2003, 112, 1809-1820.	3.9	1,957
61	The Molecular Mechanism of Autophagy. <i>Molecular Medicine</i> , 2003, 9, 65-76.	1.9	470
62	Mitochondrial autophagy and injury in the liver in α 1-antitrypsin deficiency. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G851-G862.	1.6	183
63	Kinesin dependent, rapid, bi-directional transport of ER sub-compartment in dendrites of hippocampal neurons. <i>Journal of Cell Science</i> , 2004, 117, 163-175.	1.2	92
64	Disturbed Cholesterol Traffic but Normal Proteolytic Function in LAMP-1/LAMP-2 Double-deficient Fibroblasts. <i>Molecular Biology of the Cell</i> , 2004, 15, 3132-3145.	0.9	241
65	Processing of a Pestivirus Protein by a Cellular Protease Specific for Light Chain 3 of Microtubule-Associated Proteins. <i>Journal of Virology</i> , 2004, 78, 5900-5912.	1.5	15
66	Amino Acids and Insulin Control Autophagic Proteolysis through Different Signaling Pathways in Relation to mTOR in Isolated Rat Hepatocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 8452-8459.	1.6	186
67	Death-Associated Protein Kinase Phosphorylates ZIP Kinase, Forming a Unique Kinase Hierarchy To Activate Its Cell Death Functions. <i>Molecular and Cellular Biology</i> , 2004, 24, 8611-8626.	1.1	103
68	Processing of ATG8s, Ubiquitin-Like Proteins, and Their Deconjugation by ATG4s Are Essential for Plant Autophagy. <i>Plant Cell</i> , 2004, 16, 2967-2983.	3.1	540
69	Pivotal Role of the Cell Death Factor BNIP3 in Ceramide-Induced Autophagic Cell Death in Malignant Glioma Cells. <i>Cancer Research</i> , 2004, 64, 4286-4293.	0.4	393
70	Presenilin 1 mediates the turnover of telencephalin in hippocampal neurons via an autophagic degradative pathway. <i>Journal of Cell Biology</i> , 2004, 166, 1041-1054.	2.3	177
71	7-Ketocholesterol Induces Protein Ubiquitination, Myelin Figure Formation, and Light Chain 3 Processing in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2296-2301.	1.1	120
72	Analyses of α -Interacting Protein and Activator of G-Protein-Signaling-3 Functions in Macroautophagy. <i>Methods in Enzymology</i> , 2004, 390, 17-31.	0.4	52

#	ARTICLE	IF	CITATIONS
73	HsAtg4B/HsApg4B/Autophagin-1 Cleaves the Carboxyl Termini of Three Human Atg8 Homologues and Delipidates Microtubule-associated Protein Light Chain 3- and GABAA Receptor-associated Protein-Phospholipid Conjugates. <i>Journal of Biological Chemistry</i> , 2004, 279, 36268-36276.	1.6	297
74	Alfy, a novel FYVE-domain-containing protein associated with protein granules and autophagic membranes. <i>Journal of Cell Science</i> , 2004, 117, 4239-4251.	1.2	271
75	Coronavirus Replication Complex Formation Utilizes Components of Cellular Autophagy. <i>Journal of Biological Chemistry</i> , 2004, 279, 10136-10141.	1.6	397
76	In Vivo and in Vitro Reconstitution of Atg8 Conjugation Essential for Autophagy. <i>Journal of Biological Chemistry</i> , 2004, 279, 40584-40592.	1.6	180
77	Human Light Chain 3/MAP1LC3B Is Cleaved at Its Carboxyl-terminal Met121 to Expose Gly120 for Lipidation and Targeting to Autophagosomal Membranes. <i>Journal of Biological Chemistry</i> , 2004, 279, 47704-47710.	1.6	213
78	Induction of macroautophagy in human colon cancer cells by soybean B-group triterpenoid saponins. <i>Carcinogenesis</i> , 2004, 26, 159-167.	1.3	140
79	Role for Rab7 in maturation of late autophagic vacuoles. <i>Journal of Cell Science</i> , 2004, 117, 4837-4848.	1.2	781
80	Rab7 is required for the normal progression of the autophagic pathway in mammalian cells. <i>Journal of Cell Science</i> , 2004, 117, 2687-2697.	1.2	583
81	The crystal structure of microtubule-associated protein light chain 3, a mammalian homologue of <i>Saccharomyces cerevisiae</i> Atg8. <i>Genes To Cells</i> , 2004, 9, 611-618.	0.5	158
82	Role of Bcl-2 family proteins in a non-apoptotic programmed cell death dependent on autophagy genes. <i>Nature Cell Biology</i> , 2004, 6, 1221-1228.	4.6	1,277
83	Inhibition of mTOR induces autophagy and reduces toxicity of polyglutamine expansions in fly and mouse models of Huntington disease. <i>Nature Genetics</i> , 2004, 36, 585-595.	9.4	2,188
84	Cellular autophagy: surrender, avoidance and subversion by microorganisms. <i>Nature Reviews Microbiology</i> , 2004, 2, 301-314.	13.6	422
85	Role of autophagy in temozolomide-induced cytotoxicity for malignant glioma cells. <i>Cell Death and Differentiation</i> , 2004, 11, 448-457.	5.0	917
86	A novel protein-conjugating system for Ufm1, a ubiquitin-fold modifier. <i>EMBO Journal</i> , 2004, 23, 1977-1986.	3.5	300
87	Autophagy as a cell death and tumor suppressor mechanism. <i>Oncogene</i> , 2004, 23, 2891-2906.	2.6	1,306
88	WIPI-1± (WIPI49), a member of the novel 7-bladed WIPI protein family, is aberrantly expressed in human cancer and is linked to starvation-induced autophagy. <i>Oncogene</i> , 2004, 23, 9314-9325.	2.6	322
89	The role of autophagy during the early neonatal starvation period. <i>Nature</i> , 2004, 432, 1032-1036.	13.7	2,630
90	Mechanisms of Neuroprotective Action of Vitamin D3. <i>Biochemistry (Moscow)</i> , 2004, 69, 738-741.	0.7	3,514

#	ARTICLE	IF	CITATIONS
91	Letter to the Editor:1H,13C, and15N Resonance Assignments of Human Microtubule-associated Protein Light Chain-3. <i>Journal of Biomolecular NMR</i> , 2004, 29, 415-416.	1.6	2
92	Autophagy: molecular mechanisms, physiological functions and relevance in human pathology. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 1439-1454.	2.4	203
93	In Vivo Analysis of Autophagy in Response to Nutrient Starvation Using Transgenic Mice Expressing a Fluorescent Autophagosome Marker. <i>Molecular Biology of the Cell</i> , 2004, 15, 1101-1111.	0.9	2,115
94	Autophagy Defends Cells Against Invading Group A Streptococcus. <i>Science</i> , 2004, 306, 1037-1040.	6.0	1,047
95	LC3, GABARAP and GATE16 localize to autophagosomal membrane depending on form-II formation. <i>Journal of Cell Science</i> , 2004, 117, 2805-2812.	1.2	1,256
96	Inhibition of platelet-derived growth factor signalling induces autophagy in malignant glioma cells. <i>British Journal of Cancer</i> , 2004, 90, 1069-1075.	2.9	65
97	Autophagy Is a Defense Mechanism Inhibiting BCG and Mycobacterium tuberculosis Survival in Infected Macrophages. <i>Cell</i> , 2004, 119, 753-766.	13.5	1,996
98	Programmed Autophagy in the Drosophila Fat Body Is Induced by Ecdysone through Regulation of the PI3K Pathway. <i>Developmental Cell</i> , 2004, 7, 179-192.	3.1	434
99	Role and Regulation of Starvation-Induced Autophagy in the Drosophila Fat Body. <i>Developmental Cell</i> , 2004, 7, 167-178.	3.1	877
100	Regulation and role of autophagy in mammalian cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2445-2462.	1.2	581
101	Microtubule disruption inhibits autophagosome-lysosome fusion: implications for studying the roles of aggresomes in polyglutamine diseases. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2541-2550.	1.2	156
102	Methods for monitoring autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2491-2502.	1.2	830
103	LC3 conjugation system in mammalian autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2503-2518.	1.2	1,223
104	Autophagic vacuoles are enriched in amyloid precursor protein-secretase activities: implications for β -amyloid peptide over-production and localization in Alzheimer's disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2531-2540.	1.2	279
105	Arabidopsis homologues of the autophagy protein Atg8 are a novel family of microtubule binding proteins. <i>FEBS Letters</i> , 2004, 567, 302-306.	1.3	80
106	Autophagy: a regulated bulk degradation process inside cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 453-458.	1.0	480
107	Two ubiquitin-like conjugation systems essential for autophagy. <i>Seminars in Cell and Developmental Biology</i> , 2004, 15, 231-236.	2.3	276
108	Caldendrin but not Calmodulin Binds to Light Chain 3 of MAP1A/B: An Association with the Microtubule Cytoskeleton Highlighting Exclusive Binding Partners for Neuronal Ca ²⁺ -sensor Proteins. <i>Journal of Molecular Biology</i> , 2004, 336, 957-970.	2.0	53

#	ARTICLE	IF	CITATIONS
109	Development by Self-Digestion. <i>Developmental Cell</i> , 2004, 6, 463-477.	3.1	3,502
110	Autophagy is the dominant type of programmed cell death in breast cancer MCF-7 cells exposed to AGS 115 and EFDAC, new sesquiterpene analogs of paclitaxel. <i>Anti-Cancer Drugs</i> , 2005, 16, 777-788.	0.7	35
111	Participation of autophagy in the degeneration process of rat hepatocytes after transplantation following prolonged cold preservation. <i>Archives of Histology and Cytology</i> , 2005, 68, 71-80.	0.2	47
112	Pathways of myocyte death: implications for development of clinical laboratory biomarkers. <i>Advances in Clinical Chemistry</i> , 2005, 40, 37-98.	1.8	30
113	The role of acidic organelles in the development of schistosomula of <i>Schistosoma mansoni</i> and their response to signalling molecules. <i>Parasitology</i> , 2005, 130, 309-322.	0.7	12
114	Presenilin 1: more than just γ -secretase. <i>Biochemical Society Transactions</i> , 2005, 33, 559-562.	1.6	23
115	In vivo expression and characteristics of novel β -mannose-rich glycoprotein markers of apoptotic cells. <i>Cell Biology International</i> , 2005, 29, 920-928.	1.4	18
116	Autophagy. <i>Annals of the New York Academy of Sciences</i> , 2005, 1066, 259-271.	1.8	124
117	Role of the autophagic-lysosomal system on low potassium-induced apoptosis in cultured cerebellar granule cells. <i>Journal of Neurochemistry</i> , 2005, 92, 1228-1242.	2.1	126
118	GABARAP is not essential for GABA _A receptor targeting to the synapse. <i>European Journal of Neuroscience</i> , 2005, 22, 2644-2648.	1.2	78
119	Autophagy is an immediate macrophage response to <i>Legionella pneumophila</i> . <i>Cellular Microbiology</i> , 2005, 7, 765-778.	1.1	277
120	Autophagy induction favours the generation and maturation of the <i>Coxiella</i> -replicative vacuoles. <i>Cellular Microbiology</i> , 2005, 7, 981-993.	1.1	257
121	Visualization of autophagy in <i>Arabidopsis</i> using the fluorescent dye monodansylcadaverine and a GFP-AtATG8e fusion protein. <i>Plant Journal</i> , 2005, 42, 598-608.	2.8	240
122	Chemical inhibitor of nonapoptotic cell death with therapeutic potential for ischemic brain injury. <i>Nature Chemical Biology</i> , 2005, 1, 112-119.	3.9	2,411
123	Dynein mutations impair autophagic clearance of aggregate-prone proteins. <i>Nature Genetics</i> , 2005, 37, 771-776.	9.4	405
124	The role of autophagy in cancer development and response to therapy. <i>Nature Reviews Cancer</i> , 2005, 5, 726-734.	12.8	1,581
125	Lysosomes and autophagy in cell death control. <i>Nature Reviews Cancer</i> , 2005, 5, 886-897.	12.8	1,135
126	Autophagy in metazoans: cell survival in the land of plenty. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 439-448.	16.1	712

#	ARTICLE	IF	CITATIONS
127	Autophagy: dual roles in life and death?. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 505-510.	16.1	889
128	The influence of age on apoptotic and other mechanisms of cell death after cerebral hypoxiaâ€“ischemia. <i>Cell Death and Differentiation</i> , 2005, 12, 162-176.	5.0	383
129	Vitamin D analog EB1089 triggers dramatic lysosomal changes and Beclin 1-mediated autophagic cell death. <i>Cell Death and Differentiation</i> , 2005, 12, 1297-1309.	5.0	247
130	Doctor Jekyll and Mister Hyde: autophagy can promote both cell survival and cell death. <i>Cell Death and Differentiation</i> , 2005, 12, 1468-1472.	5.0	79
131	Autophagy: molecular machinery for self-eating. <i>Cell Death and Differentiation</i> , 2005, 12, 1542-1552.	5.0	1,339
132	Arsenic trioxide induces autophagic cell death in malignant glioma cells by upregulation of mitochondrial cell death protein BNIP3. <i>Oncogene</i> , 2005, 24, 980-991.	2.6	377
133	PK11195 potently sensitizes to apoptosis induction independently from the peripheral benzodiazepin receptor. <i>Oncogene</i> , 2005, 24, 7503-7513.	2.6	88
134	Membranous complexes characteristic of melanocytes derived from patients with Hermanskyâ€“Pudlak syndrome type 1 are macroautophagosomal entities of the lysosomal compartment. <i>Pigment Cell & Melanoma Research</i> , 2005, 18, 417-426.	4.0	25
135	Molecular mechanism and regulation of autophagy1. <i>Acta Pharmacologica Sinica</i> , 2005, 26, 1421-1434.	2.8	183
136	Selective Inactivation of a Fas-associated Death Domain Protein (FADD)-dependent Apoptosis and Autophagy Pathway in Immortal Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2005, 16, 1189-1199.	0.9	104
137	Subversion of Cellular Autophagosomal Machinery by RNA Viruses. <i>PLoS Biology</i> , 2005, 3, e156.	2.6	717
138	Autophagy in cardiac myocyte homeostasis, aging, and pathology. <i>Cardiovascular Research</i> , 2005, 68, 355-365.	1.8	221
139	Cell-Autonomous Death of Cerebellar Purkinje Neurons with Autophagy in Niemann-Pick Type C Disease. <i>PLoS Genetics</i> , 2005, 1, e7.	1.5	165
140	Autophagy in chronically ischemic myocardium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13807-13812.	3.3	490
141	Survival mechanisms in a physiological oxidative stress model. <i>FASEB Journal</i> , 2005, 19, 2066-2068.	0.2	28
142	The apoptosis/autophagy paradox: autophagic vacuolization before apoptotic death. <i>Journal of Cell Science</i> , 2005, 118, 3091-3102.	1.2	487
143	The lipid composition of autophagic vacuoles regulates expression of multilamellar bodies. <i>Journal of Cell Science</i> , 2005, 118, 1991-2003.	1.2	86
144	Rab18 localizes to lipid droplets and induces their close apposition to the endoplasmic reticulum-derived membrane. <i>Journal of Cell Science</i> , 2005, 118, 2601-2611.	1.2	320

#	ARTICLE	IF	CITATIONS
145	Inhibition of Macroautophagy Triggers Apoptosis. <i>Molecular and Cellular Biology</i> , 2005, 25, 1025-1040.	1.1	1,533
146	Structural Basis for the Specificity and Catalysis of Human Atg4B Responsible for Mammalian Autophagy. <i>Journal of Biological Chemistry</i> , 2005, 280, 40058-40065.	1.6	121
147	Solution Structure of Microtubule-associated Protein Light Chain 3 and Identification of Its Functional Subdomains. <i>Journal of Biological Chemistry</i> , 2005, 280, 24610-24617.	1.6	93
148	Modulation of N-Ethylmaleimide-sensitive Factor Activity upon Amino Acid Deprivation. <i>Journal of Biological Chemistry</i> , 2005, 280, 16219-16226.	1.6	16
149	Impairment of starvation-induced and constitutive autophagy in Atg7-deficient mice. <i>Journal of Cell Biology</i> , 2005, 169, 425-434.	2.3	2,180
150	HDAC6 and Microtubules Are Required for Autophagic Degradation of Aggregated Huntingtin. <i>Journal of Biological Chemistry</i> , 2005, 280, 40282-40292.	1.6	652
151	Endothelial Nitric-oxide Synthase Antisense (NOS3AS) Gene Encodes an Autophagy-related Protein (APG9-like2) Highly Expressed in Trophoblast. <i>Journal of Biological Chemistry</i> , 2005, 280, 18283-18290.	1.6	92
152	Rapamycin-Sensitive Pathway Regulates Mitochondrial Membrane Potential, Autophagy, and Survival in Irradiated MCF-7 Cells. <i>Cancer Research</i> , 2005, 65, 11061-11070.	0.4	206
153	Increased susceptibility of cytoplasmic over nuclear polyglutamine aggregates to autophagic degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13135-13140.	3.3	301
154	Inhibition of the DNA-Dependent Protein Kinase Catalytic Subunit Radiosensitizes Malignant Glioma Cells by Inducing Autophagy. <i>Cancer Research</i> , 2005, 65, 4368-4375.	0.4	162
155	Macrophages Rapidly Transfer Pathogens from Lipid Raft Vacuoles to Autophagosomes. <i>Autophagy</i> , 2005, 1, 53-58.	4.3	77
156	Extensive Involvement of Autophagy in Alzheimer Disease: An Immuno-Electron Microscopy Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005, 64, 113-122.	0.9	1,270
157	Autophagic Cell Death of Pancreatic Acinar Cells in Serine Protease Inhibitor Kazal Type 3 Deficient Mice. <i>Gastroenterology</i> , 2005, 129, 696-705.	0.6	137
158	Autophagy as an Innate Defense System against Invading Pathogenic Bacteria. <i>Journal of Oral Biosciences</i> , 2005, 47, 11-17.	0.8	0
159	p62/SQSTM1 forms protein aggregates degraded by autophagy and has a protective effect on huntingtin-induced cell death. <i>Journal of Cell Biology</i> , 2005, 171, 603-614.	2.3	2,854
160	Lithium induces autophagy by inhibiting inositol monophosphatase. <i>Journal of Cell Biology</i> , 2005, 170, 1101-1111.	2.3	868
161	Escape of Intracellular Shigella from Autophagy. <i>Science</i> , 2005, 307, 727-731.	6.0	795
162	Macroautophagy in Mammalian Cells. , 2005, , 166-180.		5

#	ARTICLE	IF	CITATIONS
163	Does Autophagy Contribute To Cell Death?. <i>Autophagy</i> , 2005, 1, 66-74.	4.3	405
164	Induced expressions of Rab24 GTPase and LC3 in nerve-injured motor neurons. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1206-1213.	1.0	39
165	Growth Factor Regulation of Autophagy and Cell Survival in the Absence of Apoptosis. <i>Cell</i> , 2005, 120, 237-248.	13.5	1,364
166	Lysosomal proteolysis in skeletal muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 2098-2114.	1.2	191
167	Cathepsin Deficiency as a Model for Neuronal Ceroid Lipofuscinoses. <i>American Journal of Pathology</i> , 2005, 167, 1473-1476.	1.9	13
168	Participation of Autophagy in Storage of Lysosomes in Neurons from Mouse Models of Neuronal Ceroid-Lipofuscinoses (Batten Disease). <i>American Journal of Pathology</i> , 2005, 167, 1713-1728.	1.9	305
169	Autophagic Cell Death of Pancreatic Acinar Cells in Serine Protease Inhibitor Kazal Type 3 Deficient Mice. <i>Gastroenterology</i> , 2005, 129, 696-705.	0.6	96
170	Macroautophagy a novel β -amyloid peptide-generating pathway activated in Alzheimer's disease. <i>Journal of Cell Biology</i> , 2005, 171, 87-98.	2.3	891
171	Membrane Origin for Autophagy. <i>Current Topics in Developmental Biology</i> , 2006, 74, 1-30.	1.0	71
172	Autophagy Is Activated for Cell Survival after Endoplasmic Reticulum Stress. <i>Molecular and Cellular Biology</i> , 2006, 26, 9220-9231.	1.1	1,627
173	Cerebral Ischemia-Hypoxia Induces Intravascular Coagulation and Autophagy. <i>American Journal of Pathology</i> , 2006, 169, 566-583.	1.9	336
174	A dual function for Deep orange in programmed autophagy in the <i>Drosophila melanogaster</i> fat body. <i>Experimental Cell Research</i> , 2006, 312, 2018-2027.	1.2	73
175	Autophagy and antigen presentation. <i>Cellular Microbiology</i> , 2006, 8, 891-898.	1.1	86
176	Starvation-induced expression of autophagy-related genes in <i>Arabidopsis</i> . <i>Biology of the Cell</i> , 2006, 98, 53-67.	0.7	178
177	Autophagy Contributes to Caspase-independent Macrophage Cell Death. <i>Journal of Biological Chemistry</i> , 2006, 281, 19179-19187.	1.6	189
178	Generation of cell lines with tetracycline-regulated autophagy and a role for autophagy in controlling cell size. <i>FEBS Letters</i> , 2006, 580, 2623-2629.	1.3	209
179	DRAM, a p53-Induced Modulator of Autophagy, Is Critical for Apoptosis. <i>Cell</i> , 2006, 126, 121-134.	13.5	1,232
180	Ceramides and other bioactive sphingolipid backbones in health and disease: Lipidomic analysis, metabolism and roles in membrane structure, dynamics, signaling and autophagy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1864-1884.	1.4	484

#	ARTICLE	IF	CITATIONS
181	Molecular cloning and characterization of rat LC3A and LC3B—Two novel markers of autophagosome. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 437-442.	1.0	155
182	Organelle degradation during the lens and erythroid differentiation is independent of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 485-489.	1.0	102
183	Quantitative monitoring of autophagic degradation. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 71-77.	1.0	22
184	Cholesterol depletion induces autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 246-252.	1.0	108
185	Proteasome inhibition induces both pro- and anti-cell death pathways in prostate cancer cells. <i>Cancer Letters</i> , 2006, 243, 217-227.	3.2	47
186	Autophagy in Innate Immunity against Intracellular Bacteria. <i>Journal of Biochemistry</i> , 2006, 140, 161-166.	0.9	115
187	Role of autophagy in the clearance of mutant huntingtin: A step towards therapy?. <i>Molecular Aspects of Medicine</i> , 2006, 27, 520-527.	2.7	72
188	Neuronal macroautophagy: From development to degeneration. <i>Molecular Aspects of Medicine</i> , 2006, 27, 503-519.	2.7	151
189	Nutrient control of macroautophagy in mammalian cells. <i>Molecular Aspects of Medicine</i> , 2006, 27, 426-443.	2.7	77
190	The Crystal Structure of Human Atg4b, a Processing and De-conjugating Enzyme for Autophagosome-forming Modifiers. <i>Journal of Molecular Biology</i> , 2006, 355, 612-618.	2.0	79
191	A Short Mitochondrial Form of p19ARF Induces Autophagy and Caspase-Independent Cell Death. <i>Molecular Cell</i> , 2006, 22, 463-475.	4.5	225
192	Intracellularly invading <i>Streptococcus pyogenes</i> is degraded by autophagic machinery. <i>International Congress Series</i> , 2006, 1289, 250-253.	0.2	0
193	Autophagic Stress in Neuronal Injury and Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 423-432.	0.9	188
194	<i>C. elegans</i> feeding defective mutants have shorter body lengths and increased autophagy. , 2006, 6, 39.		150
195	The Crohn's disease-associated adherent-invasive <i>Escherichia coli</i> strain LF82 replicates in mature phagolysosomes within J774 macrophages. <i>Cellular Microbiology</i> , 2006, 8, 471-484.	1.1	136
196	Different apoptotic mechanisms are activated in male and female brains after neonatal hypoxia-ischaemia. <i>Journal of Neurochemistry</i> , 2006, 96, 1016-1027.	2.1	252
197	Induction of transcription factor CEBP homology protein mediates hypoglycaemia-induced necrotic cell death in human neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2006, 99, 952-964.	2.1	13
198	Atg8L/Apg8L is the fourth mammalian modifier of mammalian Atg8 conjugation mediated by human Atg4B, Atg7 and Atg3. <i>FEBS Journal</i> , 2006, 273, 2553-2562.	2.2	54

#	ARTICLE	IF	CITATIONS
199	Microtubules Facilitate Autophagosome Formation and Fusion of Autophagosomes with Endosomes. <i>Traffic</i> , 2006, 7, 129-145.	1.3	380
200	Cysteine peptidases CPA and CPB are vital for autophagy and differentiation in <i>Leishmania mexicana</i> . <i>Molecular Microbiology</i> , 2006, 61, 655-674.	1.2	143
201	Autophagic and tumour suppressor activity of a novel Beclin1-binding protein UVRAG. <i>Nature Cell Biology</i> , 2006, 8, 688-698.	4.6	945
202	Fluorescence protease protection of GFP chimeras to reveal protein topology and subcellular localization. <i>Nature Methods</i> , 2006, 3, 205-210.	9.0	127
203	A keratin cytoskeletal protein regulates protein synthesis and epithelial cell growth. <i>Nature</i> , 2006, 441, 362-365.	13.7	430
204	Loss of autophagy in the central nervous system causes neurodegeneration in mice. <i>Nature</i> , 2006, 441, 880-884.	13.7	3,209
205	Suppression of basal autophagy in neural cells causes neurodegenerative disease in mice. <i>Nature</i> , 2006, 441, 885-889.	13.7	3,539
206	Insulin-like growth factor-1 and TNF- α regulate autophagy through c-Jun N-terminal kinase and Akt pathways in human atherosclerotic vascular smooth cells. <i>Immunology and Cell Biology</i> , 2006, 84, 448-454.	1.0	275
207	The Interplay between Pro-Death and Pro-Survival Signaling Pathways in Myocardial Ischemia/Reperfusion Injury: Apoptosis Meets Autophagy. <i>Cardiovascular Drugs and Therapy</i> , 2006, 20, 445-462.	1.3	140
208	Identification and characterization of two rice autophagy associated genes, OsAtg8 and OsAtg4. <i>Molecular Biology Reports</i> , 2006, 33, 273-278.	1.0	37
209	Amino acid starvation induced autophagic cell death in PC-12 cells: Evidence for activation of caspase-3 but not calpain-1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1573-1582.	2.2	37
210	Apoptosome impairment during development results in activation of an autophagy program in cerebral cortex. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1595-1602.	2.2	14
211	Autophagy in innate and adaptive immunity against intracellular pathogens. <i>Journal of Molecular Medicine</i> , 2006, 84, 194-202.	1.7	113
212	Survival of parvovirus B19-infected cells by cellular autophagy. <i>Virology</i> , 2006, 349, 254-263.	1.1	65
213	Chloroquine-resistant isoforms of the <i>Plasmodium falciparum</i> chloroquine resistance transporter acidify lysosomal pH in HEK293 cells more than chloroquine-sensitive isoforms. <i>Molecular and Biochemical Parasitology</i> , 2006, 150, 288-299.	0.5	20
214	Dysfunction of endocytic and autophagic pathways in a lysosomal storage disease. <i>Annals of Neurology</i> , 2006, 59, 700-708.	2.8	286
215	Protein Aggregates are Transported to Vacuoles by Macroautophagic Mechanism in Nutrient-Starved Plant Cells. <i>Autophagy</i> , 2006, 2, 96-106.	4.3	100
216	Effects of RNA Interference of Atg4B on the Limited Proteolysis of LC3 in PC12 Cells and Expression of Atg4B in Various Rat Tissues. <i>Autophagy</i> , 2006, 2, 200-208.	4.3	43

#	ARTICLE	IF	CITATIONS
217	Cytotoxicity of water-soluble fullerene in vascular endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C1495-C1502.	2.1	212
218	Autophagy Signaling and the Cogwheels of Cancer. <i>Autophagy</i> , 2006, 2, 67-73.	4.3	132
219	Bafilomycin A1 Inhibits Chloroquine-Induced Death of Cerebellar Granule Neurons. <i>Molecular Pharmacology</i> , 2006, 69, 1125-1136.	1.0	155
220	Sulforaphane Causes Autophagy to Inhibit Release of Cytochrome c and Apoptosis in Human Prostate Cancer Cells. <i>Cancer Research</i> , 2006, 66, 5828-5835.	0.4	274
221	Disruption of Autophagy at the Maturation Step by the Carcinogen Lindane Is Associated with the Sustained Mitogen-Activated Protein Kinase/Extracellular Signal-Regulated Kinase Activity. <i>Cancer Research</i> , 2006, 66, 6861-6870.	0.4	172
222	Role of endoplasmic reticulum depletion and multidomain proapoptotic BAX and BAK proteins in shaping cell death after hypericin-mediated photodynamic therapy. <i>FASEB Journal</i> , 2006, 20, 756-758.	0.2	217
223	Cytoplasmic Lipid Droplets Are Sites of Convergence of Proteasomal and Autophagic Degradation of Apolipoprotein B. <i>Molecular Biology of the Cell</i> , 2006, 17, 2674-2683.	0.9	190
224	In Situ Detection of Starvation-induced Autophagy. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 85-96.	1.3	125
225	Ultrastructure and Origin of Membrane Vesicles Associated with the Severe Acute Respiratory Syndrome Coronavirus Replication Complex. <i>Journal of Virology</i> , 2006, 80, 5927-5940.	1.5	465
226	Calpain is required for macroautophagy in mammalian cells. <i>Journal of Cell Biology</i> , 2006, 175, 595-605.	2.3	159
227	Rotavirus NSP4 Induces a Novel Vesicular Compartment Regulated by Calcium and Associated with Viroplasms. <i>Journal of Virology</i> , 2006, 80, 6061-6071.	1.5	96
228	Intracellular Inclusions Containing Mutant α 1-Antitrypsin Z Are Propagated in the Absence of Autophagic Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 4467-4476.	1.6	235
229	Functional specificity of the mammalian Beclin-Vps34 PI 3-kinase complex in macroautophagy versus endocytosis and lysosomal enzyme trafficking. <i>Journal of Cell Science</i> , 2006, 119, 259-270.	1.2	305
230	Transcriptional repression induces a slowly progressive atypical neuronal death associated with changes of YAP isoforms and p73. <i>Journal of Cell Biology</i> , 2006, 172, 589-604.	2.3	84
231	Autophagy is involved in T cell death after binding of HIV-1 envelope proteins to CXCR4. <i>Journal of Clinical Investigation</i> , 2006, 116, 2161-2172.	3.9	389
232	Inhibition of Mammalian Target of Rapamycin or Apoptotic Pathway Induces Autophagy and Radiosensitizes PTEN Null Prostate Cancer Cells. <i>Cancer Research</i> , 2006, 66, 10040-10047.	0.4	321
233	Induction of Autophagy in Axonal Dystrophy and Degeneration. <i>Journal of Neuroscience</i> , 2006, 26, 8057-8068.	1.7	298
234	Phosphatidylserine in Addition to Phosphatidylethanolamine Is an in Vitro Target of the Mammalian Atg8 Modifiers, LC3, GABARAP, and GATE-16. <i>Journal of Biological Chemistry</i> , 2006, 281, 3017-3024.	1.6	178

#	ARTICLE	IF	CITATIONS
235	Regulation of Autophagy by Sphingosine Kinase 1 and Its Role in Cell Survival during Nutrient Starvation. <i>Journal of Biological Chemistry</i> , 2006, 281, 8518-8527.	1.6	230
236	Autophagy Controls Salmonella Infection in Response to Damage to the Salmonella-containing Vacuole. <i>Journal of Biological Chemistry</i> , 2006, 281, 11374-11383.	1.6	578
237	Degradation of Amyotrophic Lateral Sclerosis-linked Mutant Cu,Zn-Superoxide Dismutase Proteins by Macroautophagy and the Proteasome*. <i>Journal of Biological Chemistry</i> , 2006, 281, 30524-30533.	1.6	186
238	Functional Analysis of the ATG8 Homologue <i>Ao atg8</i> and Role of Autophagy in Differentiation and Germination in <i>Aspergillus oryzae</i> . <i>Eukaryotic Cell</i> , 2006, 5, 1328-1336.	3.4	121
239	Autophagy: Eating for Good Health. <i>Journal of Immunology</i> , 2006, 177, 4945-4951.	0.4	58
240	Human IRGM Induces Autophagy to Eliminate Intracellular Mycobacteria. <i>Science</i> , 2006, 313, 1438-1441.	6.0	831
241	Enhancing Macroautophagy Protects against Ischemia/Reperfusion Injury in Cardiac Myocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 29776-29787.	1.6	497
242	Depletion of type IA regulatory subunit (RI α) of protein kinase A (PKA) in mammalian cells and tissues activates mTOR and causes autophagic deficiency. <i>Human Molecular Genetics</i> , 2006, 15, 2962-2971.	1.4	92
243	GEC1 Interacts with the μ Opioid Receptor and Enhances Expression of the Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 7983-7993.	1.6	84
244	Autophagy for Cancer Therapy through Inhibition of Pro-apoptotic Proteins and Mammalian Target of Rapamycin Signaling. <i>Journal of Biological Chemistry</i> , 2006, 281, 36883-36890.	1.6	162
245	Mitochondrial Aberrations in Mucopolipidosis Type IV. <i>Journal of Biological Chemistry</i> , 2006, 281, 39041-39050.	1.6	130
246	Microtubules Support Production of Starvation-induced Autophagosomes but Not Their Targeting and Fusion with Lysosomes. <i>Journal of Biological Chemistry</i> , 2006, 281, 36303-36316.	1.6	253
247	Autophagy-mediated clearance of huntingtin aggregates triggered by the insulin-signaling pathway. <i>Journal of Cell Biology</i> , 2006, 172, 719-731.	2.3	339
248	Autophagy Is Induced in CD4+ T Cells and Important for the Growth Factor-Withdrawal Cell Death. <i>Journal of Immunology</i> , 2006, 177, 5163-5168.	0.4	258
249	Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1-Mediated Autophagy in Human Granulosa Cells as an Alternative of Programmed Cell Death. <i>Endocrinology</i> , 2006, 147, 3851-3860.	1.4	88
250	Excess Peroxisomes Are Degraded by Autophagic Machinery in Mammals. <i>Journal of Biological Chemistry</i> , 2006, 281, 4035-4041.	1.6	206
251	Autophagy-mediated reentry of <i>Francisella tularensis</i> into the endocytic compartment after cytoplasmic replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14578-14583.	3.3	315
252	Regulation of Intracellular Accumulation of Mutant Huntingtin by Beclin 1. <i>Journal of Biological Chemistry</i> , 2006, 281, 14474-14485.	1.6	391

#	ARTICLE	IF	CITATIONS
253	Sitosterol-containing Lipoproteins Trigger Free Sterol-induced Caspase-independent Death in ACAT-competent Macrophages. <i>Journal of Biological Chemistry</i> , 2006, 281, 33635-33649.	1.6	77
254	p62/SQSTM1 Binds Directly to Atg8/LC3 to Facilitate Degradation of Ubiquitinated Protein Aggregates by Autophagy. <i>Journal of Biological Chemistry</i> , 2007, 282, 24131-24145.	1.6	3,766
255	NIX is required for programmed mitochondrial clearance during reticulocyte maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19500-19505.	3.3	768
256	Role for Gingipains in <i>Porphyromonas gingivalis</i> Traffic to Phagolysosomes and Survival in Human Aortic Endothelial Cells. <i>Infection and Immunity</i> , 2007, 75, 2090-2100.	1.0	59
257	Expression of Autophagy-Associated Genes in Skeletal Muscle: An Experimental Model of Chloroquine-Induced Myopathy. <i>Pathobiology</i> , 2007, 74, 169-176.	1.9	34
258	Tissue-specific Autophagy Alterations and Increased Tumorigenesis in Mice Deficient in Atg4C/Autophagin-3. <i>Journal of Biological Chemistry</i> , 2007, 282, 18573-18583.	1.6	360
259	Quercetin mediates preferential degradation of oncogenic Ras and causes autophagy in Ha- RAS -transformed human colon cells. <i>Carcinogenesis</i> , 2007, 28, 1021-1031.	1.3	115
260	A Human scFv Antibody against TRAIL Receptor 2 Induces Autophagic Cell Death in Both TRAIL-Sensitive and TRAIL-Resistant Cancer Cells. <i>Cancer Research</i> , 2007, 67, 7327-7334.	0.4	96
261	Modification of Cellular Autophagy Protein LC3 by Poliovirus. <i>Journal of Virology</i> , 2007, 81, 12543-12553.	1.5	148
262	Telomere 3' overhang-specific DNA oligonucleotides induce autophagy in malignant glioma cells. <i>FASEB Journal</i> , 2007, 21, 2918-2930.	0.2	57
263	siRNA Screening of the Kinome Identifies ULK1 as a Multidomain Modulator of Autophagy. <i>Journal of Biological Chemistry</i> , 2007, 282, 25464-25474.	1.6	397
264	Trehalose, a Novel mTOR-independent Autophagy Enhancer, Accelerates the Clearance of Mutant Huntingtin and α -Synuclein. <i>Journal of Biological Chemistry</i> , 2007, 282, 5641-5652.	1.6	971
265	Distinct Roles of Autophagy in the Heart During Ischemia and Reperfusion. <i>Circulation Research</i> , 2007, 100, 914-922.	2.0	1,379
266	Systemic Treatment with the Antidiabetic Drug Metformin Selectively Impairs p53-Deficient Tumor Cell Growth. <i>Cancer Research</i> , 2007, 67, 6745-6752.	0.4	835
267	A critical role for the autophagy gene Atg5 in T cell survival and proliferation. <i>Journal of Experimental Medicine</i> , 2007, 204, 25-31.	4.2	564
269	Nelfinavir, A Lead HIV Protease Inhibitor, Is a Broad-Spectrum, Anticancer Agent that Induces Endoplasmic Reticulum Stress, Autophagy, and Apoptosis <i>In vitro</i> and <i>In vivo</i> . <i>Clinical Cancer Research</i> , 2007, 13, 5183-5194.	3.2	295
270	Methods for Monitoring Autophagy from Yeast to Human. <i>Autophagy</i> , 2007, 3, 181-206.	4.3	614
271	Atg19 Mediates a Dual Interaction Cargo Sorting Mechanism in Selective Autophagy. <i>Molecular Biology of the Cell</i> , 2007, 18, 919-929.	0.9	55

#	ARTICLE	IF	CITATIONS
272	mTOR Kinase and the Regulatory Subunit of Protein Kinase A (PRKAR1A) Spatially and Functionally Interact during Autophagosome Maturation. <i>Autophagy</i> , 2007, 3, 151-153.	4.3	30
273	Lysophosphatidic Acid Inhibits Serum Deprivation-Induced Autophagy in Human Prostate Cancer PC-3 Cells. <i>Autophagy</i> , 2007, 3, 268-270.	4.3	23
274	S6 kinase inactivation impairs growth and translational target phosphorylation in muscle cells maintaining proper regulation of protein turnover. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C712-C722.	2.1	86
275	Lipid Trafficking Defects Increase Beclin-1 and Activate Autophagy in Niemann-Pick Type C Disease. <i>Autophagy</i> , 2007, 3, 487-489.	4.3	44
276	The Pancreatitis-induced Vacuole Membrane Protein 1 Triggers Autophagy in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 37124-37133.	1.6	186
277	Autophagic-Like Cell Death in Neutrophils Induced by Autoantibodies. <i>Autophagy</i> , 2007, 3, 67-68.	4.3	30
278	<i>Listeria monocytogenes</i> Evades Killing by Autophagy During Colonization of Host Cells. <i>Autophagy</i> , 2007, 3, 442-451.	4.3	229
279	Caspase-Independent Autophagic Cytotoxicity in Etoposide-Treated CaSki Cervical Carcinoma Cells. <i>DNA and Cell Biology</i> , 2007, 26, 713-720.	0.9	34
280	Examination of the Therapeutic Potential of Delta-24-RGD in Brain Tumor Stem Cells: Role of Autophagic Cell Death. <i>Journal of the National Cancer Institute</i> , 2007, 99, 1410-1414.	3.0	268
281	Fine mapping of a linkage region on chromosome 17p13 reveals that GABARAP and DLG4 are associated with vulnerability to nicotine dependence in European-Americans. <i>Human Molecular Genetics</i> , 2007, 16, 142-153.	1.4	32
282	DNA Mismatch Repair Initiates 6-Thioguanine-Induced Autophagy through p53 Activation in Human Tumor Cells. <i>Clinical Cancer Research</i> , 2007, 13, 1315-1321.	3.2	72
283	Small molecule regulators of autophagy identified by an image-based high-throughput screen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19023-19028.	3.3	439
284	Analysis of the Role of Autophagy in Replication of Herpes Simplex Virus in Cell Culture. <i>Journal of Virology</i> , 2007, 81, 12128-12134.	1.5	141
285	Autophagy in Niemann-Pick C disease is dependent upon Beclin-1 and responsive to lipid trafficking defects. <i>Human Molecular Genetics</i> , 2007, 16, 1495-1503.	1.4	185
286	Inhibition of N-(4-hydroxyphenyl)retinamide-induced autophagy at a lower dose enhances cell death in malignant glioma cells. <i>Carcinogenesis</i> , 2007, 29, 600-609.	1.3	62
287	Protective role of autophagy against <i>Vibrio cholerae</i> cytolysin, a pore-forming toxin from <i>V. cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1829-1834.	3.3	162
288	Manipulation of Rab GTPase Function by Intracellular Bacterial Pathogens. <i>Microbiology and Molecular Biology Reviews</i> , 2007, 71, 636-652.	2.9	180
289	Inhibition of Paraquat-Induced Autophagy Accelerates the Apoptotic Cell Death in Neuroblastoma SH-SY5Y Cells. <i>Toxicological Sciences</i> , 2007, 97, 448-458.	1.4	124

#	ARTICLE	IF	CITATIONS
290	Mitochondrial c-Jun NH2-Terminal Kinase Prevents the Accumulation of Reactive Oxygen Species and Reduces Necrotic Damage in Neural Tumor Cells that Lack Trophic Support. <i>Molecular Cancer Research</i> , 2007, 5, 47-60.	1.5	22
291	The role of autophagy in the death of L1210 leukemia cells initiated by the new antitumor agents, XK469 and SH80. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 370-379.	1.9	26
292	C-Terminal Modification Is Required for GABARAP-Mediated GABAA Receptor Trafficking. <i>Journal of Neuroscience</i> , 2007, 27, 6655-6663.	1.7	48
293	Characterization and subcellular localization of human neutral class III α -mannosidase cytosolic enzymes/free oligosaccharides/glycosidehydrolase family 38/M2C1/N-glycosylation. <i>Glycobiology</i> , 2007, 17, 1084-1093.	1.3	18
294	Tissue Transglutaminase Inhibits Autophagy in Pancreatic Cancer Cells. <i>Molecular Cancer Research</i> , 2007, 5, 241-249.	1.5	123
295	Autophagy Limits <i>Listeria monocytogenes</i> Intracellular Growth in the Early Phase of Primary Infection. <i>Autophagy</i> , 2007, 3, 117-125.	4.3	206
296	Cytosolic LC3 Ratio as a Sensitive Index of Macroautophagy in Isolated Rat Hepatocytes and H4-II-E Cells. <i>Autophagy</i> , 2007, 3, 553-560.	4.3	118
297	Cathepsin D Deficiency Induces Persistent Neurodegeneration in the Absence of Bax-Dependent Apoptosis. <i>Journal of Neuroscience</i> , 2007, 27, 2081-2090.	1.7	87
298	Sodium Selenite Induces Superoxide-Mediated Mitochondrial Damage and Subsequent Autophagic Cell Death in Malignant Glioma Cells. <i>Cancer Research</i> , 2007, 67, 6314-6324.	0.4	236
299	An obligatory requirement for the heterotrimeric G protein Gi3 in the antiautophagic action of insulin in the liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3003-3008.	3.3	104
300	Essential role for autophagy protein Atg7 in the maintenance of axonal homeostasis and the prevention of axonal degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14489-14494.	3.3	560
301	Differential Effects of Endoplasmic Reticulum Stress-induced Autophagy on Cell Survival. <i>Journal of Biological Chemistry</i> , 2007, 282, 4702-4710.	1.6	435
302	Staphylococcus aureus Subvert Autophagy for Induction of Caspase-independent Host Cell Death. <i>Journal of Biological Chemistry</i> , 2007, 282, 2695-2706.	1.6	255
303	Oridonin Induced Autophagy in Human Cervical Carcinoma HeLa Cells Through Ras, JNK, and P38 Regulation. <i>Journal of Pharmacological Sciences</i> , 2007, 105, 317-325.	1.1	98
304	The role of mammalian autophagy in protein metabolism. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2007, 83, 39-46.	1.6	17
305	The I-isoaspartyl-O-methyltransferase in <i>Caenorhabditis elegans</i> larval longevity and autophagy. <i>Developmental Biology</i> , 2007, 303, 493-500.	0.9	22
306	Evidence That Curcumin Suppresses the Growth of Malignant Gliomas in Vitro and in Vivo through Induction of Autophagy: Role of Akt and Extracellular Signal-Regulated Kinase Signaling Pathways. <i>Molecular Pharmacology</i> , 2007, 72, 29-39.	1.0	480
307	Autophagic and apoptotic response to stress signals in mammalian cells. <i>Archives of Biochemistry and Biophysics</i> , 2007, 462, 210-219.	1.4	162

#	ARTICLE	IF	CITATIONS
308	Selective degradation of mitochondria by mitophagy. Archives of Biochemistry and Biophysics, 2007, 462, 245-253.	1.4	1,385
309	ATF4 regulates β -secretase activity during amino acid imbalance. Biochemical and Biophysical Research Communications, 2007, 352, 722-727.	1.0	49
310	In vitro transformation of mesenchymal stem cells by oncogenic H-rasVal12. Biochemical and Biophysical Research Communications, 2007, 353, 60-66.	1.0	36
311	Role of galectin-3 in prion infections of the CNS. Biochemical and Biophysical Research Communications, 2007, 359, 672-678.	1.0	60
312	Role of Hrs in maturation of autophagosomes in mammalian cells. Biochemical and Biophysical Research Communications, 2007, 360, 721-727.	1.0	60
313	Autophagy Gene-Dependent Clearance of Apoptotic Cells during Embryonic Development. Cell, 2007, 128, 931-946.	13.5	602
314	GAPDH and Autophagy Preserve Survival after Apoptotic Cytochrome c Release in the Absence of Caspase Activation. Cell, 2007, 129, 983-997.	13.5	464
315	Atg8, a Ubiquitin-like Protein Required for Autophagosome Formation, Mediates Membrane Tethering and Hemifusion. Cell, 2007, 130, 165-178.	13.5	1,056
316	Homeostatic Levels of p62 Control Cytoplasmic Inclusion Body Formation in Autophagy-Deficient Mice. Cell, 2007, 131, 1149-1163.	13.5	1,925
317	HSV-1 ICP34.5 Confers Neurovirulence by Targeting the Beclin 1 Autophagy Protein. Cell Host and Microbe, 2007, 1, 23-35.	5.1	733
318	Autophagy and NF- κ B: Fight for fate. Cytokine and Growth Factor Reviews, 2007, 18, 233-243.	3.2	93
319	The modulator effect of GH on skeletal muscle lysosomal enzymes is dietary protein dependent. Growth Hormone and IGF Research, 2007, 17, 137-148.	0.5	1
320	Antigen-Loading Compartments for Major Histocompatibility Complex Class II Molecules Continuously Receive Input from Autophagosomes. Immunity, 2007, 26, 79-92.	6.6	608
321	Innate and Adaptive Immunity through Autophagy. Immunity, 2007, 27, 11-21.	6.6	392
322	T Helper 2 Cytokines Inhibit Autophagic Control of Intracellular Mycobacterium tuberculosis. Immunity, 2007, 27, 505-517.	6.6	413
323	Kainic acid induces early and transient autophagic stress in mouse hippocampus. Neuroscience Letters, 2007, 414, 57-60.	1.0	104
324	No upregulation of lectin-like oxidized low-density lipoprotein receptor-1 in serum-deprived EA.hy926 endothelial cells under oxLDL exposure, but increase in autophagy. European Journal of Cell Biology, 2007, 86, 605-616.	1.6	57
325	Molecular machinery of autophagosome formation in yeast, Saccharomyces cerevisiae. FEBS Letters, 2007, 581, 2156-2161.	1.3	373

#	ARTICLE	IF	CITATIONS
326	Regulation of Autophagy by Extracellular Signal-Regulated Protein Kinases During 1-Methyl-4-Phenylpyridinium-Induced Cell Death. <i>American Journal of Pathology</i> , 2007, 170, 75-86.	1.9	428
327	Cholesterol Accumulation Is Associated with Lysosomal Dysfunction and Autophagic Stress in Npc1 ^Δ /Δ ⁺ Mouse Brain. <i>American Journal of Pathology</i> , 2007, 171, 962-975.	1.9	189
328	Linking of Autophagy to Ubiquitin-Proteasome System Is Important for the Regulation of Endoplasmic Reticulum Stress and Cell Viability. <i>American Journal of Pathology</i> , 2007, 171, 513-524.	1.9	621
329	GABA _A Receptors: Properties and Trafficking. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2007, 42, 3-14.	2.3	102
330	Autophagy: process and function. <i>Genes and Development</i> , 2007, 21, 2861-2873.	2.7	3,312
331	Autophagy-Dependent Viral Recognition by Plasmacytoid Dendritic Cells. <i>Science</i> , 2007, 315, 1398-1401.	6.0	802
332	BNIP3 Is an RB/E2F Target Gene Required for Hypoxia-Induced Autophagy. <i>Molecular and Cellular Biology</i> , 2007, 27, 6229-6242.	1.1	340
333	Functional multivesicular bodies are required for autophagic clearance of protein aggregates associated with neurodegenerative disease. <i>Journal of Cell Biology</i> , 2007, 179, 485-500.	2.3	559
334	ER Stress Signaling and the BCL-2 Family of Proteins: From Adaptation to Irreversible Cellular Damage. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 2345-2356.	2.5	100
335	Chemical Inhibition of Acetyl-CoA Carboxylase Induces Growth Arrest and Cytotoxicity Selectively in Cancer Cells. <i>Cancer Research</i> , 2007, 67, 8180-8187.	0.4	276
336	Autophagy Is Activated in Colorectal Cancer Cells and Contributes to the Tolerance to Nutrient Deprivation. <i>Cancer Research</i> , 2007, 67, 9677-9684.	0.4	317
337	Roles of PRIP in GABA _A Receptor Signaling. <i>Journal of Oral Biosciences</i> , 2007, 49, 105-112.	0.8	0
338	Protein Turnover Via Autophagy: Implications for Metabolism. <i>Annual Review of Nutrition</i> , 2007, 27, 19-40.	4.3	730
339	The Role of Autophagy in Mediating Cell Survival and Death During Ischemia and Reperfusion in the Heart. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1373-1382.	2.5	120
340	Ubiquitinated-Protein Aggregates Form in Pancreatic Î-Cells During Diabetes-Induced Oxidative Stress and Are Regulated by Autophagy. <i>Diabetes</i> , 2007, 56, 930-939.	0.3	218
341	Neuronal Death and Neuroprotection: A Review. <i>Methods in Molecular Biology</i> , 2007, 399, 1-14.	0.4	17
342	Cardiac autophagy is a maladaptive response to hemodynamic stress. <i>Journal of Clinical Investigation</i> , 2007, 117, 1782-1793.	3.9	672
343	Î ² -Amyloid is a substrate of autophagy in sporadic inclusion body myositis. <i>Annals of Neurology</i> , 2007, 61, 476-483.	2.8	126

#	ARTICLE	IF	CITATIONS
344	Mouse translation elongation factor eEF1A-2 interacts with Prdx-I to protect cells against apoptotic death induced by oxidative stress. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 267-278.	1.2	87
345	Concanavalin A induces autophagy in hepatoma cells and has a therapeutic effect in a murine in situ hepatoma model. <i>Hepatology</i> , 2007, 45, 286-296.	3.6	161
346	Apoptosis regulation by autophagy gene 5. <i>Critical Reviews in Oncology/Hematology</i> , 2007, 63, 241-244.	2.0	48
347	Crystallization and preliminary crystallographic analysis of human Atg4Bâ€“LC3 complex. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 99-102.	0.7	6
348	Silencing mammalian target of rapamycin signaling by small interfering RNA enhances rapamycin-induced autophagy in malignant glioma cells. <i>Oncogene</i> , 2007, 26, 1840-1851.	2.6	139
349	Autophagosome formation: core machinery and adaptations. <i>Nature Cell Biology</i> , 2007, 9, 1102-1109.	4.6	1,938
350	The energy sensing LKB1â€“AMPK pathway regulates p27kip1 phosphorylation mediating the decision to enter autophagy or apoptosis. <i>Nature Cell Biology</i> , 2007, 9, 218-224.	4.6	782
351	Bif-1 interacts with Beclin 1 through UVRAG and regulates autophagy and tumorigenesis. <i>Nature Cell Biology</i> , 2007, 9, 1142-1151.	4.6	805
352	Small molecules enhance autophagy and reduce toxicity in Huntington's disease models. <i>Nature Chemical Biology</i> , 2007, 3, 331-338.	3.9	572
353	Genome-wide association study identifies new susceptibility loci for Crohn disease and implicates autophagy in disease pathogenesis. <i>Nature Genetics</i> , 2007, 39, 596-604.	9.4	1,633
354	The role of autophagy in cardiomyocytes in the basal state and in response to hemodynamic stress. <i>Nature Medicine</i> , 2007, 13, 619-624.	15.2	1,378
355	Autophagy: from phenomenology to molecular understanding in less than a decade. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 931-937.	16.1	1,765
356	Response to myocardial ischemia/reperfusion injury involves Bnip3 and autophagy. <i>Cell Death and Differentiation</i> , 2007, 14, 146-157.	5.0	555
357	ER stress (PERK/eIF2Î± phosphorylation) mediates the polyglutamine-induced LC3 conversion, an essential step for autophagy formation. <i>Cell Death and Differentiation</i> , 2007, 14, 230-239.	5.0	822
358	Autophagy delays apoptotic death in breast cancer cells following DNA damage. <i>Cell Death and Differentiation</i> , 2007, 14, 500-510.	5.0	475
359	p73 regulates DRAM-independent autophagy that does not contribute to programmed cell death. <i>Cell Death and Differentiation</i> , 2007, 14, 1071-1079.	5.0	92
360	Clearance of dying autophagic cells of different origin by professional and non-professional phagocytes. <i>Cell Death and Differentiation</i> , 2007, 14, 1117-1128.	5.0	66
361	Constitutive autophagy: vital role in clearance of unfavorable proteins in neurons. <i>Cell Death and Differentiation</i> , 2007, 14, 887-894.	5.0	157

#	ARTICLE	IF	CITATIONS
362	A plant triterpenoid, avicin D, induces autophagy by activation of AMP-activated protein kinase. <i>Cell Death and Differentiation</i> , 2007, 14, 1948-1957.	5.0	95
363	LAMP proteins are required for fusion of lysosomes with phagosomes. <i>EMBO Journal</i> , 2007, 26, 313-324.	3.5	542
364	Reactive oxygen species are essential for autophagy and specifically regulate the activity of Atg4. <i>EMBO Journal</i> , 2007, 26, 1749-1760.	3.5	1,848
365	Functional and physical interaction between Bcl-XL and a BH3-like domain in Beclin-1. <i>EMBO Journal</i> , 2007, 26, 2527-2539.	3.5	1,003
366	The anticancer drug imatinib induces cellular autophagy. <i>Leukemia</i> , 2007, 21, 936-942.	3.3	208
367	Ambra1 regulates autophagy and development of the nervous system. <i>Nature</i> , 2007, 447, 1121-1125.	13.7	889
368	The Death of Human Cancer Cells Following Photodynamic Therapy: Apoptosis Competence is Necessary for Bcl-2 Protection but not for Induction of Autophagy. <i>Photochemistry and Photobiology</i> , 2007, 83, 1016-1023.	1.3	56
369	Induction of autophagy in neurite degeneration of mouse superior cervical ganglion neurons. <i>European Journal of Neuroscience</i> , 2007, 26, 2979-2988.	1.2	106
370	The autophagic pathway is actively modulated by phase II <i>Coxiella burnetii</i> to efficiently replicate in the host cell. <i>Cellular Microbiology</i> , 2007, 9, 891-909.	1.1	210
371	Fission yeast autophagy induced by nitrogen starvation generates a nitrogen source that drives adaptation processes. <i>Genes To Cells</i> , 2007, 12, 155-170.	0.5	89
372	GABA receptor associated proteins: a key factor regulating GABA receptor function. <i>Journal of Neurochemistry</i> , 2007, 100, 279-294.	2.1	173
373	Autophagic cell death induced by TrkA receptor activation in human glioblastoma cells. <i>Journal of Neurochemistry</i> , 2007, 103, 259-275.	2.1	47
374	Induction of Autophagy Promotes Fusion of Multivesicular Bodies with Autophagic Vacuoles in K562 Cells. <i>Traffic</i> , 2008, 9, 230-250.	1.3	379
375	The autophagic response to nutrient deprivation in the hI-1 cardiac myocyte is modulated by Bcl-2 and sarco/endoplasmic reticulum calcium stores. <i>FEBS Journal</i> , 2007, 274, 3184-3197.	2.2	121
376	Haematopoietic development and immunological function in the absence of cathepsin D. <i>BMC Immunology</i> , 2007, 8, 22.	0.9	13
377	Increased autophagy in transgenic mice with a G93A mutant SOD1 gene. <i>Brain Research</i> , 2007, 1167, 112-117.	1.1	205
378	Growth hormone modulates the degradative capacity of muscle nucleases but not of cathepsin D in post-weaning mice. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, 159-167.	0.8	0
379	Human WIPI-1 puncta-formation: A novel assay to assess mammalian autophagy. <i>FEBS Letters</i> , 2007, 581, 3396-3404.	1.3	146

#	ARTICLE	IF	CITATIONS
380	Direct Induction of Autophagy by Atg1 Inhibits Cell Growth and Induces Apoptotic Cell Death. <i>Current Biology</i> , 2007, 17, 1-11.	1.8	1,011
381	ESCRTs and Fab1 Regulate Distinct Steps of Autophagy. <i>Current Biology</i> , 2007, 17, 1817-1825.	1.8	292
382	The intracellular sites of early replication and budding of SARS-coronavirus. <i>Virology</i> , 2007, 361, 304-315.	1.1	342
383	Genistein-induced apoptosis and autophagocytosis in ovarian cancer cells. <i>Gynecologic Oncology</i> , 2007, 105, 23-30.	0.6	148
384	Resveratrol inhibits glucose metabolism in human ovarian cancer cells. <i>Gynecologic Oncology</i> , 2007, 107, 450-457.	0.6	128
385	Cell death by incompatibility in the fungus <i>Podospora</i> . <i>Seminars in Cancer Biology</i> , 2007, 17, 101-111.	4.3	64
386	Inducible cell death in plant immunity. <i>Seminars in Cancer Biology</i> , 2007, 17, 166-187.	4.3	98
387	Eating the endoplasmic reticulum: quality control by autophagy. <i>Trends in Cell Biology</i> , 2007, 17, 279-285.	3.6	179
388	The formation of peripheral myelin protein 22 aggregates is hindered by the enhancement of autophagy and expression of cytoplasmic chaperones. <i>Neurobiology of Disease</i> , 2007, 25, 252-265.	2.1	81
389	Pathological apoptosis in the developing brain. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 993-1010.	2.2	162
390	Neurolysosomal pathology in human prosaposin deficiency suggests essential neurotrophic function of prosaposin. <i>Acta Neuropathologica</i> , 2007, 113, 163-175.	3.9	30
391	Macroautophagy inhibition sensitizes tamoxifen-resistant breast cancer cells and enhances mitochondrial depolarization. <i>Breast Cancer Research and Treatment</i> , 2008, 112, 389-403.	1.1	215
392	Autophagy in plants. <i>Journal of Plant Biology</i> , 2008, 51, 313-320.	0.9	52
393	Autophagy is activated and might protect neurons from degeneration after traumatic brain injury. <i>Neuroscience Bulletin</i> , 2008, 24, 143-149.	1.5	96
394	A novel diquinolonium displays preclinical anti-cancer activity and induces caspase-independent cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 748-755.	2.2	9
395	Induction of peroxisomal Lon protease in rat liver after di-(2-ethylhexyl)phthalate treatment. <i>Histochemistry and Cell Biology</i> , 2008, 129, 73-83.	0.8	29
396	Autophagy—physiology and pathophysiology. <i>Histochemistry and Cell Biology</i> , 2008, 129, 407-420.	0.8	170
397	Natural cyclic degeneration by a sequence of programmed cell death modes in <i>Semibalanus balanoides</i> (Linnaeus, 1767) (Crustacea, Cirripedia Thoracica). <i>Zoomorphology</i> , 2008, 127, 49-58.	0.4	8

#	ARTICLE	IF	CITATIONS
398	Activation of autophagy in retinal ganglion cells. <i>Journal of Neuroscience Research</i> , 2008, 86, 2943-2951.	1.3	74
399	Developmental expression of LC3 β and β 2; Absence of fibronectin or autophagy phenotype in LC3 β knockout mice. <i>Developmental Dynamics</i> , 2008, 237, 187-195.	0.8	93
400	Autophagy in the liver. <i>Hepatology</i> , 2008, 47, 1773-1785.	3.6	230
401	Autophagy activation by rapamycin eliminates mouse Mallory-Denk bodies and blocks their proteasome inhibitor-mediated formation. <i>Hepatology</i> , 2008, 47, 2026-2035.	3.6	119
402	Induction of incomplete autophagic response by hepatitis C virus via the unfolded protein response. <i>Hepatology</i> , 2008, 48, 1054-1061.	3.6	311
403	Nutrient deprivation induces autophagy as well as apoptosis in Chinese hamster ovary cell culture. <i>Biotechnology and Bioengineering</i> , 2008, 99, 678-685.	1.7	101
404	Alternative pathways of programmed cell death are activated in cells with defective caspase-dependent apoptosis. <i>Leukemia Research</i> , 2008, 32, 599-609.	0.4	12
405	Eupalinin A isolated from <i>Eupatorium chinense</i> L. induces autophagocytosis in human leukemia HL60 cells. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 721-731.	1.4	35
406	Apolipoprotein L1, a Novel Bcl-2 Homology Domain 3-only Lipid-binding Protein, Induces Autophagic Cell Death. <i>Journal of Biological Chemistry</i> , 2008, 283, 21540-21549.	1.6	187
407	Autophagic Death of Adult Hippocampal Neural Stem Cells Following Insulin Withdrawal. <i>Stem Cells</i> , 2008, 26, 2602-2610.	1.4	99
408	LC3 and Autophagy. <i>Methods in Molecular Biology</i> , 2008, 445, 77-88.	0.4	1,311
409	Dynamic effects of autophagy on arsenic trioxide-induced death of human leukemia cell line HL60 cells. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 123-134.	2.8	62
410	Class I phosphatidylinositol 3-kinase inhibitor LY294002 activates autophagy and induces apoptosis through p53 pathway in gastric cancer cell line SGC7901. <i>Acta Biochimica Et Biophysica Sinica</i> , 2008, 40, 194-201.	0.9	45
411	The Itinerary of Autophagosomes: From Peripheral Formation to Kiss-and-Run Fusion with Lysosomes. <i>Traffic</i> , 2008, 9, 574-587.	1.3	364
412	Huntington's disease: degradation of mutant huntingtin by autophagy. <i>FEBS Journal</i> , 2008, 275, 4263-4270.	2.2	177
413	Toll-like receptors control autophagy. <i>EMBO Journal</i> , 2008, 27, 1110-1121.	3.5	673
414	The Atg8 and Atg12 ubiquitin-like conjugation systems in macroautophagy. <i>EMBO Reports</i> , 2008, 9, 859-864.	2.0	674
415	Listeriolysin O allows <i>Listeria monocytogenes</i> replication in macrophage vacuoles. <i>Nature</i> , 2008, 451, 350-354.	13.7	273

#	ARTICLE	IF	CITATIONS
416	The Bcr-Abl kinase inhibitor INNO-406 induces autophagy and different modes of cell death execution in Bcr-Abl-positive leukemias. <i>Cell Death and Differentiation</i> , 2008, 15, 1712-1722.	5.0	57
417	Role of non-canonical Beclin 1-independent autophagy in cell death induced by resveratrol in human breast cancer cells. <i>Cell Death and Differentiation</i> , 2008, 15, 1318-1329.	5.0	396
418	BH3-only protein BIK induces caspase-independent cell death with autophagic features in Bcl-2 null cells. <i>Oncogene</i> , 2008, 27, 1366-1375.	2.6	64
419	The latent membrane protein 1 oncogene modifies B-cell physiology by regulating autophagy. <i>Oncogene</i> , 2008, 27, 2833-2842.	2.6	130
420	E2F1 regulates autophagy and the transcription of autophagy genes. <i>Oncogene</i> , 2008, 27, 4860-4864.	2.6	225
421	Regulation of autophagy by cytoplasmic p53. <i>Nature Cell Biology</i> , 2008, 10, 676-687.	4.6	1,025
422	Beclin1-binding UVRAG targets the class C Vps complex to coordinate autophagosome maturation and endocytic trafficking. <i>Nature Cell Biology</i> , 2008, 10, 776-787.	4.6	690
423	Novel targets for Huntington's disease in an mTOR-independent autophagy pathway. <i>Nature Chemical Biology</i> , 2008, 4, 295-305.	3.9	739
424	Autophagic control of listeria through intracellular innate immune recognition in drosophila. <i>Nature Immunology</i> , 2008, 9, 908-916.	7.0	332
425	Autophagy is required for necrotic cell death in <i>Caenorhabditis elegans</i> . <i>Cell Death and Differentiation</i> , 2008, 15, 105-112.	5.0	165
426	Autophagy promotes necrosis in apoptosis-deficient cells in response to ER stress. <i>Cell Death and Differentiation</i> , 2008, 15, 422-425.	5.0	147
427	Intra-mitochondrial degradation of Tim23 curtails the survival of cells rescued from apoptosis by caspase inhibitors. <i>Cell Death and Differentiation</i> , 2008, 15, 545-554.	5.0	21
428	A selective PIKfyve inhibitor blocks PtdIns(3,5)P ₂ production and disrupts endomembrane transport and retroviral budding. <i>EMBO Reports</i> , 2008, 9, 164-170.	2.0	251
429	Autophagy after Experimental Intracerebral Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 897-905.	2.4	106
430	Changes in Autophagy after Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 674-683.	2.4	123
431	Role of autophagy in G2019S LRRK2-associated neurite shortening in differentiated SH-SY5Y cells. <i>Journal of Neurochemistry</i> , 2008, 105, 1048-1056.	2.1	463
432	Neuronal pigmented autophagic vacuoles: lipofuscin, neuromelanin, and ceroid as macroautophagic responses during aging and disease. <i>Journal of Neurochemistry</i> , 2008, 106, 24-36.	2.1	164
433	Suppression of autophagy precipitates neuronal cell death following low doses of methamphetamine. <i>Journal of Neurochemistry</i> , 2008, 106, 1426-1439.	2.1	101

#	ARTICLE	IF	CITATIONS
434	Subversion of cellular autophagy by <i>Anaplasma phagocytophilum</i> . <i>Cellular Microbiology</i> , 2008, 10, 593-605.	1.1	101
435	Synthetic fibril peptide promotes clearance of scrapie prion protein by lysosomal degradation. <i>Microbiology and Immunology</i> , 2008, 52, 357-365.	0.7	7
436	Autophagy and autophagic cell death are next targets for elimination of the resistance to tyrosine kinase inhibitors. <i>Cancer Science</i> , 2008, 99, 2200-2208.	1.7	56
437	Akt Induces Apoptosis in Neuroblastoma Cells Expressing a C98X Vasopressin Mutant Following Autophagy Suppression. <i>Journal of Neuroendocrinology</i> , 2008, 20, 1165-1175.	1.2	17
438	<i>Escherichia coli</i> isolated from bovine mastitis invade mammary cells by a modified endocytic pathway. <i>Veterinary Microbiology</i> , 2008, 130, 151-164.	0.8	21
439	Autophagic machinery activated by dengue virus enhances virus replication. <i>Virology</i> , 2008, 374, 240-248.	1.1	312
440	Autophagy modulates keratin-containing inclusion formation and apoptosis in cell culture in a context-dependent fashion. <i>Experimental Cell Research</i> , 2008, 314, 1753-1764.	1.2	29
441	The PERK/eIF2 β signaling pathway of Unfolded Protein Response is essential for N-(4-hydroxyphenyl)retinamide (4HPR)-induced cytotoxicity in cancer cells. <i>Experimental Cell Research</i> , 2008, 314, 1667-1682.	1.2	35
442	The reduced catalase expression in TrkA-induced cells leads to autophagic cell death via ROS accumulation. <i>Experimental Cell Research</i> , 2008, 314, 3094-3106.	1.2	134
443	The peroxin Pex14p is involved in LC3-dependent degradation of mammalian peroxisomes. <i>Experimental Cell Research</i> , 2008, 314, 3531-3541.	1.2	92
444	ATP-induced autophagy is associated with rapid killing of intracellular mycobacteria within human monocytes/macrophages. <i>BMC Immunology</i> , 2008, 9, 35.	0.9	127
445	Temsirolimus downregulates p21 without altering cyclin D1 expression and induces autophagy and synergizes with vorinostat in mantle cell lymphoma. <i>Experimental Hematology</i> , 2008, 36, 443-450.	0.2	134
446	ERK and p38 pathways regulate amino acid signalling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 2241-2254.	1.9	44
447	Specific regional distribution of <i>gec1</i> mRNAs in adult rat central nervous system. <i>Brain Research</i> , 2008, 1210, 103-115.	1.1	15
448	A Molecule Targeting VHL-Deficient Renal Cell Carcinoma that Induces Autophagy. <i>Cancer Cell</i> , 2008, 14, 90-102.	7.7	233
449	Toward unraveling membrane biogenesis in mammalian autophagy. <i>Current Opinion in Cell Biology</i> , 2008, 20, 401-407.	2.6	100
450	Roles of autophagy and mTOR signaling in neuronal differentiation of mouse neuroblastoma cells. <i>Cellular Signalling</i> , 2008, 20, 659-665.	1.7	118
451	Inhibition of ERK attenuates autophagy and potentiates tumour necrosis factor α -induced cell death in MCF7 cells. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1265-1271.	1.6	124

#	ARTICLE	IF	CITATIONS
452	Intense pseudotransport of a cationic drug mediated by vacuolar ATPase: Procainamide-induced autophagic cell vacuolization. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 364-377.	1.3	39
453	Receptor-independent, vacuolar ATPase-mediated cellular uptake of histamine receptor-1 ligands: Possible origin of pharmacological distortions and side effects. <i>Toxicology and Applied Pharmacology</i> , 2008, 229, 320-331.	1.3	17
454	Suppression of autophagy enhances the cytotoxicity of the DNA-damaging aromatic amine p-anilinoaniline. <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 169-179.	1.3	26
455	Focal cerebral ischemia induces upregulation of Beclin 1 and autophagy-like cell death. <i>Neurobiology of Disease</i> , 2008, 29, 132-141.	2.1	273
456	Neuroprotection of rapamycin in lactacystin-induced neurodegeneration via autophagy enhancement. <i>Neurobiology of Disease</i> , 2008, 32, 16-25.	2.1	190
457	Apoptosis, Autophagy, and Necrosis. , 2008, , 205-220.		2
458	Fine Structure of the Autophagosome. <i>Methods in Molecular Biology</i> , 2008, 445, 11-28.	0.4	93
459	Chapter Twentyâ€Six Methods to Investigate Autophagy During Starvation and Regeneration in Hydra. <i>Methods in Enzymology</i> , 2008, 451, 409-437.	0.4	33
460	Sexual Autophagic Differences in the Androgen-Dependent Flank Organ of Syrian Hamsters. <i>Journal of Andrology</i> , 2008, 30, 113-121.	2.0	16
461	Molecular Links Between Autophagy and Apoptosis. <i>Methods in Molecular Biology</i> , 2008, 445, 175-193.	0.4	12
462	Induction of autophagy in rat hippocampus and cultured neurons by iron. <i>Acta Neurochirurgica Supplementum</i> , 2008, 105, 29-32.	0.5	9
463	Neurogenic Chronic Intestinal Pseudo-Obstruction: Antineuronal Antibody-Mediated Activation of Autophagy Via Fas. <i>Gastroenterology</i> , 2008, 135, 601-609.	0.6	21
464	Differentiation-specific expression and localization of an autophagosomal marker protein (LC3) in human epidermal keratinocytes. <i>Journal of Dermatological Science</i> , 2008, 52, 213-215.	1.0	19
465	Methods for Assessing Autophagy and Autophagic Cell Death. <i>Methods in Molecular Biology</i> , 2008, 445, 29-76.	0.4	159
466	A pathway sensor for genome-wide screens of intracellular proteolytic cleavage. <i>Genome Biology</i> , 2008, 9, R64.	13.9	38
467	Autophagy Is Essential for Preimplantation Development of Mouse Embryos. <i>Science</i> , 2008, 321, 117-120.	6.0	485
468	New Insights into the Mechanisms of Macroautophagy in Mammalian Cells. <i>International Review of Cell and Molecular Biology</i> , 2008, 266, 207-247.	1.6	128
469	The involvement of cellular prion protein in the autophagy pathway in neuronal cells. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 238-247.	1.0	39

#	ARTICLE	IF	CITATIONS
470	Axon & dendrite degeneration: Its mechanisms and protective experimental paradigms. <i>Neurochemistry International</i> , 2008, 52, 751-760.	1.9	30
471	Lysosomal myopathies: An excessive build-up in autophagosomes is too much to handle. <i>Neuromuscular Disorders</i> , 2008, 18, 521-529.	0.3	136
472	Stimulation of mitochondrial biogenesis and autophagy by lipopolysaccharide in the neonatal rat cardiomyocyte protects against programmed cell death. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 411-418.	0.9	121
473	Structural Basis for Sorting Mechanism of p62 in Selective Autophagy. <i>Journal of Biological Chemistry</i> , 2008, 283, 22847-22857.	1.6	665
474	Apoptosis and Tumor Cell Death in Response to HAMLET (Human α -Lactalbumin Made Lethal to Tumor) Tj ETQq0 0 0 rgBT /Overlock 10		53
475	Small molecule enhancers of autophagy for neurodegenerative diseases. <i>Molecular BioSystems</i> , 2008, 4, 895.	2.9	146
476	Autophagy induced by suberoylanilide hydroxamic acid in HeLa S3 cells involves inhibition of protein kinase B and up-regulation of Beclin 1. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 272-283.	1.2	39
477	In vivo effect of an antilipolytic drug (3,5-dimethylpyrazole) on autophagic proteolysis and autophagy-related gene expression in rat liver. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 786-792.	1.0	19
478	TMEM74, a lysosome and autophagosome protein, regulates autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 622-629.	1.0	50
479	Role of AMP-activated protein kinase in autophagy and proteasome function. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 964-968.	1.0	67
480	Inhibition of histone deacetylase1 induces autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1179-1183.	1.0	88
481	Segregation and rapid turnover of EDEM1 by an autophagy-like mechanism modulates standard ERAD and folding activities. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 405-410.	1.0	111
482	Induction of autophagy by B cell antigen receptor stimulation and its inhibition by costimulation. <i>Biochemical and Biophysical Research Communications</i> , 2008, 374, 274-281.	1.0	43
483	Induction of autophagy by proteasome inhibitor is associated with proliferative arrest in colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 374, 258-263.	1.0	79
484	Fas-mediated autophagy requires JNK activation in HeLa cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 1205-1210.	1.0	44
485	Identification and characterization of a splice variant of the catalytic domain of mouse NTE-related esterase. <i>Gene</i> , 2008, 417, 43-50.	1.0	6
486	The Role of Autophagy in Mammalian Development: Cell Makeover Rather than Cell Death. <i>Developmental Cell</i> , 2008, 15, 344-357.	3.1	481
487	Autophagosome formation from membrane compartments enriched in phosphatidylinositol 3-phosphate and dynamically connected to the endoplasmic reticulum. <i>Journal of Cell Biology</i> , 2008, 182, 685-701.	2.3	1,588

#	ARTICLE	IF	CITATIONS
488	Beclin 1 Forms Two Distinct Phosphatidylinositol 3-Kinase Complexes with Mammalian Atg14 and UVRAG. <i>Molecular Biology of the Cell</i> , 2008, 19, 5360-5372.	0.9	1,025
489	The Atg16L Complex Specifies the Site of LC3 Lipidation for Membrane Biogenesis in Autophagy. <i>Molecular Biology of the Cell</i> , 2008, 19, 2092-2100.	0.9	900
490	p53-Dependent and p53-Independent Activation of Autophagy by ARF. <i>Cancer Research</i> , 2008, 68, 352-357.	0.4	109
491	Inhibition of Autophagy Prevents Hippocampal Pyramidal Neuron Death after Hypoxic-Ischemic Injury. <i>American Journal of Pathology</i> , 2008, 172, 454-469.	1.9	443
492	Autophagy in neurodegeneration and development. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 723-729.	1.8	110
493	Localization and MHC Class II Presentation of Antigens Targeted for Macroautophagy. <i>Methods in Molecular Biology</i> , 2008, 445, 213-225.	0.4	9
494	BH3 Mimetics Reactivate Autophagic Cell Death in Anoxia-Resistant Malignant Glioma Cells. <i>Neoplasia</i> , 2008, 10, 873-885.	2.3	24
495	Aging Results in Increased Autophagy of Mitochondria and Protein Nitration in Rat Hepatocytes Following Heat Stress. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 615-627.	1.3	53
496	Effect of Rifampicin to Inhibit Rapamycin-Induced Autophagy via the Suppression of Protein Phosphatase 2A Activity. <i>Immunopharmacology and Immunotoxicology</i> , 2008, 30, 837-849.	1.1	12
497	Isolation of Hyperactive Mutants of Mammalian Target of Rapamycin. <i>Journal of Biological Chemistry</i> , 2008, 283, 31861-31870.	1.6	61
498	Delta-24-RGD in Combination With RAD001 Induces Enhanced Anti-glioma Effect via Autophagic Cell Death. <i>Molecular Therapy</i> , 2008, 16, 487-493.	3.7	105
499	Autophagy is cytoprotective during cisplatin injury of renal proximal tubular cells. <i>Kidney International</i> , 2008, 74, 631-640.	2.6	285
500	Induction of Autophagy in Porcine Kidney Cells by Quantum Dots: A Common Cellular Response to Nanomaterials?. <i>Toxicological Sciences</i> , 2008, 106, 140-152.	1.4	175
501	Active Ras Triggers Death in Glioblastoma Cells through Hyperstimulation of Macropinocytosis. <i>Molecular Cancer Research</i> , 2008, 6, 965-977.	1.5	169
502	Autophagy is an adaptive response in desmin-related cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9745-9750.	3.3	209
503	Lithium delays progression of amyotrophic lateral sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2052-2057.	3.3	508
504	Vitamin D3 Induces Autophagy of Human Myeloid Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 25596-25605.	1.6	111
505	The pathogenesis of Niemann-Pick type C disease: a role for autophagy?. <i>Expert Reviews in Molecular Medicine</i> , 2008, 10, e26.	1.6	73

#	ARTICLE	IF	CITATIONS
506	A block of autophagy in lysosomal storage disorders. <i>Human Molecular Genetics</i> , 2008, 17, 119-129.	1.4	456
507	Rapamycin Inhibits Polyglutamine Aggregation Independently of Autophagy by Reducing Protein Synthesis. <i>Molecular Pharmacology</i> , 2008, 73, 1052-1063.	1.0	109
508	Autophagy during Proliferation and Encystation in the Protozoan Parasite <i>Entamoeba invadens</i> . <i>Infection and Immunity</i> , 2008, 76, 278-288.	1.0	77
509	Severe growth retardation and early lethality in mice lacking the nuclear localization sequence and C-terminus of PTH-related protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20309-20314.	3.3	111
510	Sequestration of Mutated α 1-Antitrypsin into Inclusion Bodies Is a Cell-protective Mechanism to Maintain Endoplasmic Reticulum Function. <i>Molecular Biology of the Cell</i> , 2008, 19, 572-586.	0.9	76
511	Golgi-resident Small GTPase Rab33B Interacts with Atg16L and Modulates Autophagosome Formation. <i>Molecular Biology of the Cell</i> , 2008, 19, 2916-2925.	0.9	233
512	The autophagy-related protein beclin 1 shows reduced expression in early Alzheimer disease and regulates amyloid β accumulation in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2190-9.	3.9	914
513	Preferential Cytotoxicity of Bortezomib toward Hypoxic Tumor Cells via Overactivation of Endoplasmic Reticulum Stress Pathways. <i>Cancer Research</i> , 2008, 68, 9323-9330.	0.4	126
514	Autophagy-mediated clearance of aggresomes is not a universal phenomenon. <i>Human Molecular Genetics</i> , 2008, 17, 2570-2582.	1.4	143
515	Human rhomboid family-1 gene silencing causes apoptosis or autophagy to epithelial cancer cells and inhibits xenograft tumor growth. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1355-1364.	1.9	84
516	Blocked Autophagy Sensitizes Resistant Carcinoma Cells to Radiation Therapy. <i>Cancer Research</i> , 2008, 68, 1485-1494.	0.4	476
517	Mutant p53 protein localized in the cytoplasm inhibits autophagy. <i>Cell Cycle</i> , 2008, 7, 3056-3061.	1.3	262
518	Apoptosis inhibition by Bcl-2 gives way to autophagy in glucocorticoid-treated lymphocytes. <i>Autophagy</i> , 2008, 4, 612-620.	4.3	51
519	Eat your heart out: Role of autophagy in myocardial ischemia/reperfusion. <i>Autophagy</i> , 2008, 4, 416-421.	4.3	77
520	Compensatory activation of ERK1/2 in <i>Atg5</i> -deficient mouse embryo fibroblasts suppresses oxidative stress-induced cell death. <i>Autophagy</i> , 2008, 4, 315-321.	4.3	35
521	Lipidation of Atg8: How is substrate specificity determined without a canonical E3 enzyme?. <i>Autophagy</i> , 2008, 4, 911-913.	4.3	15
522	Quantitation of autophagy by luciferase release assay. <i>Autophagy</i> , 2008, 4, 801-806.	4.3	52
523	Dissecting autophagosome formation: The missing pieces. <i>Autophagy</i> , 2008, 4, 920-922.	4.3	20

#	ARTICLE	IF	CITATIONS
524	Targeted therapy for the loss of von Hippel-Lindau in renal cell carcinoma: A novel molecule that induces autophagic cell death. <i>Autophagy</i> , 2008, 4, 944-946.	4.3	16
525	Autophagy-independent incorporation of GFP-LC3 into protein aggregates is dependent on its interaction with p62/SQSTM1. <i>Autophagy</i> , 2008, 4, 1054-1056.	4.3	46
526	Timosaponin A-III Induces Autophagy Preceding Mitochondria-Mediated Apoptosis in HeLa Cancer Cells. <i>Cancer Research</i> , 2008, 68, 10229-10237.	0.4	131
527	Mitochondrially localized ERK2 regulates mitophagy and autophagic cell stress. <i>Autophagy</i> , 2008, 4, 770-782.	4.3	251
528	Autophagic neuron death in neonatal brain ischemia/hypoxia. <i>Autophagy</i> , 2008, 4, 404-408.	4.3	121
529	Unsaturated lipid peroxidation-derived aldehydes activate autophagy in vascular smooth-muscle cells. <i>Biochemical Journal</i> , 2008, 410, 525-534.	1.7	155
530	The Role of Autophagy in Age-Related Neurodegeneration. <i>NeuroSignals</i> , 2008, 16, 75-84.	0.5	89
531	Hepatitis C Virus Genotype 1a Growth and Induction of Autophagy. <i>Journal of Virology</i> , 2008, 82, 2241-2249.	1.5	201
532	Autophagic Cell Death of Human Hepatoma Cells Induced by Endostar, a Recombinant Human Endostatin. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2008, 23, 735-740.	0.7	11
533	Suppression of autophagy in skeletal muscle uncovers the accumulation of ubiquitinated proteins and their potential role in muscle damage in Pompe disease. <i>Human Molecular Genetics</i> , 2008, 17, 3897-3908.	1.4	291
534	Autophagy: a target for therapeutic interventions in myocardial pathophysiology. <i>Expert Opinion on Therapeutic Targets</i> , 2008, 12, 1509-1522.	1.5	11
535	Chapter 20 Methods for Functional Analysis of Macroautophagy in Filamentous Fungi. <i>Methods in Enzymology</i> , 2008, 451, 295-310.	0.4	10
536	Autophagosomes in GFP-LC3 Transgenic Mice. <i>Methods in Molecular Biology</i> , 2008, 445, 119-124.	0.4	88
537	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	4.3	2,064
538	OSU-03012 Stimulates PKR-Like Endoplasmic Reticulum-Dependent Increases in 70-kDa Heat Shock Protein Expression, Attenuating Its Lethal Actions in Transformed Cells. <i>Molecular Pharmacology</i> , 2008, 73, 1168-1184.	1.0	72
539	<i>Vibrio parahaemolyticus</i> orchestrates a multifaceted host cell infection by induction of autophagy, cell rounding, and then cell lysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12497-12502.	3.3	109
540	Proteoglycan desulfation determines the efficiency of chondrocyte autophagy and the extent of FGF signaling during endochondral ossification. <i>Genes and Development</i> , 2008, 22, 2645-2650.	2.7	86
541	Pancreatic Lkb1 Deletion Leads to Acinar Polarity Defects and Cystic Neoplasms. <i>Molecular and Cellular Biology</i> , 2008, 28, 2414-2425.	1.1	137

#	ARTICLE	IF	CITATIONS
542	Loss of Macroautophagy Promotes or Prevents Fibroblast Apoptosis Depending on the Death Stimulus. <i>Journal of Biological Chemistry</i> , 2008, 283, 4766-4777.	1.6	119
543	Chelerythrine Induces Apoptosis through a Bax/Bak-independent Mitochondrial Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 8423-8433.	1.6	53
544	Physiological pH and Acidic Phospholipids Contribute to Substrate Specificity in Lipidation of Atg8. <i>Journal of Biological Chemistry</i> , 2008, 283, 21847-21852.	1.6	51
545	CCL2 Protects Prostate Cancer PC3 Cells from Autophagic Death via Phosphatidylinositol 3-Kinase/AKT-dependent Survivin Up-regulation. <i>Journal of Biological Chemistry</i> , 2008, 283, 25057-25073.	1.6	156
546	Pivotal Role of the Cyclin-dependent Kinase Inhibitor p21WAF1/CIP1 in Apoptosis and Autophagy. <i>Journal of Biological Chemistry</i> , 2008, 283, 388-397.	1.6	96
547	Autophagy Is Involved in Nutritional Stress Response and Differentiation in <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 3454-3464.	1.6	127
548	MyD88 and Trif Target Beclin 1 to Trigger Autophagy in Macrophages. <i>Journal of Biological Chemistry</i> , 2008, 283, 33175-33182.	1.6	335
549	Novel Roles for Protein Kinase C γ -dependent Signaling Pathways in Acute Hypoxic Stress-induced Autophagy. <i>Journal of Biological Chemistry</i> , 2008, 283, 34432-34444.	1.6	46
550	Dihydrocapsaicin (DHC), a saturated structural analog of capsaicin, induces autophagy in human cancer cells in a catalase-regulated manner. <i>Autophagy</i> , 2008, 4, 1009-1019.	4.3	71
551	Induction of Autophagy during Extracellular Matrix Detachment Promotes Cell Survival. <i>Molecular Biology of the Cell</i> , 2008, 19, 797-806.	0.9	499
552	Mammalian Target of Rapamycin and S6 Kinase 1 Positively Regulate 6-thioguanine-Induced Autophagy. <i>Cancer Research</i> , 2008, 68, 2384-2390.	0.4	94
553	FIP200, a ULK-interacting protein, is required for autophagosome formation in mammalian cells. <i>Journal of Cell Biology</i> , 2008, 181, 497-510.	2.3	833
554	Prolonged Classical NF- κ B Activation Prevents Autophagy upon <i>E. coli</i> Stimulation In Vitro: A Potential Resolving Mechanism of Inflammation. <i>Mediators of Inflammation</i> , 2008, 2008, 1-15.	1.4	53
555	Impaired Autophagy of an Intracellular Pathogen Induced by a Crohn's Disease Associated ATG16L1 Variant. <i>PLoS ONE</i> , 2008, 3, e3391.	1.1	299
556	Autophagic dysfunction in mucopolipidosis type IV patients. <i>Human Molecular Genetics</i> , 2008, 17, 2723-2737.	1.4	163
557	A Small Molecule Inhibitor of Isoprenylcysteine Carboxymethyltransferase Induces Autophagic Cell Death in PC3 Prostate Cancer Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 18678-18684.	1.6	102
558	CCK-induced pancreatic growth is not limited by mitogenic capacity in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G1148-G1157.	1.6	17
559	Structural and Biochemical Bases for the Inhibition of Autophagy and Apoptosis by Viral BCL-2 of Murine β -Herpesvirus 68. <i>PLoS Pathogens</i> , 2008, 4, e25.	2.1	174

#	ARTICLE	IF	CITATIONS
560	Autophagy protects LNCaP cells under androgen deprivation conditions. <i>Autophagy</i> , 2008, 4, 54-60.	4.3	90
561	A method to measure cardiac autophagic flux in vivo. <i>Autophagy</i> , 2008, 4, 322-329.	4.3	259
562	Resveratrol-induced apoptosis depends on the lipid kinase activity of Vps34 and on the formation of autophagolysosomes. <i>Carcinogenesis</i> , 2008, 29, 381-389.	1.3	98
563	Uncoupling proteinâ€² controls proliferation by promoting fatty acid oxidation and limiting glycolysisâ€derived pyruvate utilization. <i>FASEB Journal</i> , 2008, 22, 9-18.	0.2	181
564	Autophagy is associated with apoptosis in cisplatin injury to renal tubular epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F777-F787.	1.3	239
565	Sensory Perception of Food and Insulin-Like Signals Influence Seizure Susceptibility. <i>PLoS Genetics</i> , 2008, 4, e1000117.	1.5	39
566	The Immunosuppressor Mycophenolic Acid Kills Activated Lymphocytes by Inducing a Nonclassical Actin-Dependent Necrotic Signal. <i>Journal of Immunology</i> , 2008, 181, 7630-7638.	0.4	34
567	Lipid mediators of autophagy in stress-induced premature senescence of endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H1119-H1129.	1.5	100
568	The Atg8 Conjugation System Is Indispensable for Proper Development of Autophagic Isolation Membranes in Mice. <i>Molecular Biology of the Cell</i> , 2008, 19, 4762-4775.	0.9	424
569	Disruption of Neuronal Autophagy by Infected Microglia Results in Neurodegeneration. <i>PLoS ONE</i> , 2008, 3, e2906.	1.1	134
570	An Atg4B Mutant Hampers the Lipidation of LC3 Paralogues and Causes Defects in Autophagosome Closure. <i>Molecular Biology of the Cell</i> , 2008, 19, 4651-4659.	0.9	459
571	Impaired Phagosomal Maturation in Neutrophils Leads to Periodontitis in Lysosomal-Associated Membrane Protein-2 Knockout Mice. <i>Journal of Immunology</i> , 2008, 180, 475-482.	0.4	67
572	OSU-03012, a Novel Celecoxib Derivative, Induces Reactive Oxygen Speciesâ€Related Autophagy in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2008, 68, 9348-9357.	0.4	131
573	A rational mechanism for combination treatment of Huntington's disease using lithium and rapamycin. <i>Human Molecular Genetics</i> , 2008, 17, 170-178.	1.4	312
574	Autophagy upregulation by inhibitors of caspase-3 and mTOR enhances radiotherapy in a mouse model of lung cancer. <i>Autophagy</i> , 2008, 4, 659-668.	4.3	162
575	Membrane proteomics of phagosomes suggests a connection to autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16952-16957.	3.3	96
576	Apoptosis and Autophagy Induction in Mammalian Cells by Small Interfering RNA Knockdown of mRNA Capping Enzymes. <i>Molecular and Cellular Biology</i> , 2008, 28, 5829-5836.	1.1	34
577	Autophagosome Supports Coxsackievirus B3 Replication in Host Cells. <i>Journal of Virology</i> , 2008, 82, 9143-9153.	1.5	337

#	ARTICLE	IF	CITATIONS
578	Premature aging in mice activates a systemic metabolic response involving autophagy induction. <i>Human Molecular Genetics</i> , 2008, 17, 2196-2211.	1.4	141
579	Mitochondrially localized EGFR is subjected to autophagic regulation and implicated in cell survival. <i>Autophagy</i> , 2008, 4, 641-649.	4.3	39
580	Autophagy induced by Alexander disease-mutant GFAP accumulation is regulated by p38/MAPK and mTOR signaling pathways. <i>Human Molecular Genetics</i> , 2008, 17, 1540-1555.	1.4	149
581	Hypoxia induces autophagic cell death in apoptosis-competent cells through a mechanism involving BNIP3. <i>Autophagy</i> , 2008, 4, 195-204.	4.3	321
582	Glioma Regression <i>in vitro</i> and <i>in vivo</i> by a Suicide Combined Treatment. <i>Molecular Cancer Research</i> , 2008, 6, 407-417.	1.5	21
583	Atg8 Controls Phagophore Expansion during Autophagosome Formation. <i>Molecular Biology of the Cell</i> , 2008, 19, 3290-3298.	0.9	642
584	Dynamics of an F-actin aggresome generated by the actin-stabilizing toxin jasplakinolide. <i>Journal of Cell Science</i> , 2008, 121, 1415-1425.	1.2	68
585	Autophagy-Related Proteins, LC3 and Beclin-1, in Placentas From Pregnancies Complicated by Preeclampsia. <i>Reproductive Sciences</i> , 2008, 15, 912-920.	1.1	146
586	eIF4GI links nutrient sensing by mTOR to cell proliferation and inhibition of autophagy. <i>Journal of Cell Biology</i> , 2008, 181, 293-307.	2.3	174
587	A role for macroautophagy in protection against 4-hydroxytamoxifen-induced cell death and the development of antiestrogen resistance. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2977-2987.	1.9	177
588	Intracellular Protein Aggregation Is a Proximal Trigger of Cardiomyocyte Autophagy. <i>Circulation</i> , 2008, 117, 3070-3078.	1.6	218
589	Early cellular changes after blockage of chaperone-mediated autophagy. <i>Autophagy</i> , 2008, 4, 442-456.	4.3	65
590	HspB8 Chaperone Activity toward Poly(Q)-containing Proteins Depends on Its Association with Bag3, a Stimulator of Macroautophagy. <i>Journal of Biological Chemistry</i> , 2008, 283, 1437-1444.	1.6	306
591	Rab5 modulates aggregation and toxicity of mutant huntingtin through macroautophagy in cell and fly models of Huntington disease. <i>Journal of Cell Science</i> , 2008, 121, 1649-1660.	1.2	284
592	Induction of macroautophagy by exogenously introduced calcium. <i>Autophagy</i> , 2008, 4, 754-761.	4.3	92
593	Stimulation of autophagy suppresses the intracellular survival of <i>Burkholderia pseudomallei</i> in mammalian cell lines. <i>Autophagy</i> , 2008, 4, 744-753.	4.3	134
594	Tumor-Selective Replication of an Oncolytic Adenovirus Carrying Oct-3/4 Response Elements in Murine Metastatic Bladder Cancer Models. <i>Clinical Cancer Research</i> , 2008, 14, 1228-1238.	3.2	35
595	The cell biology of autophagy in metazoans: a developing story. <i>Development (Cambridge)</i> , 2008, 135, 2347-2360.	1.2	123

#	ARTICLE	IF	CITATIONS
596	Utilizing flow cytometry to monitor autophagy in living mammalian cells. <i>Autophagy</i> , 2008, 4, 621-628.	4.3	147
597	Involvement of autophagy in trypsinogen activation within the pancreatic acinar cells. <i>Journal of Cell Biology</i> , 2008, 181, 1065-1072.	2.3	188
598	Bcl-2 Family Proteins Were Involved in Pseudolaric Acid Induced Autophagy in Murine Fibrosarcoma L929 Cells. <i>Journal of Pharmacological Sciences</i> , 2008, 107, 295-302.	1.1	22
600	Thiopurine S-methyltransferase pharmacogenetics: autophagy as a mechanism for variant allozyme degradation. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 1083-1094.	0.7	27
601	Autophagy: Healthy Eating and Self-Digestion for Gastroenterologists. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008, 46, 496-506.	0.9	13
602	Egr-1 Regulates Autophagy in Cigarette Smoke-Induced Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2008, 3, e3316.	1.1	403
603	Dynein-dependent Movement of Autophagosomes Mediates Efficient Encounters with Lysosomes. <i>Cell Structure and Function</i> , 2008, 33, 109-122.	0.5	366
604	Autophagy in aging and in neurodegenerative disorders. <i>Hormones</i> , 2008, 7, 46-61.	0.9	58
605	Targeting lysosomal degradation induces p53-dependent cell death and prevents cancer in mouse models of lymphomagenesis. <i>Journal of Clinical Investigation</i> , 2008, 118, 79-88.	3.9	250
606	IFN- β -Inducible Irga6 Mediates Host Resistance against <i>Chlamydia trachomatis</i> via Autophagy. <i>PLoS ONE</i> , 2009, 4, e4588.	1.1	116
607	Chapter 3 Using Photoactivatable Proteins to Monitor Autophagosome Lifetime. <i>Methods in Enzymology</i> , 2009, 452, 25-45.	0.4	8
608	A glycosylated antitumor ether lipid kills cells via paraptosis-like cell death. <i>Biochemistry and Cell Biology</i> , 2009, 87, 401-414.	0.9	26
609	Apoptosis in Carcinogenesis and Chemotherapy. , 2009, , .		10
610	Chapter 2 Methods for Monitoring Autophagy Using GFP- Δ C3 Transgenic Mice. <i>Methods in Enzymology</i> , 2009, 452, 13-23.	0.4	142
611	Autophagy as an antimicrobial strategy. <i>Expert Review of Anti-Infective Therapy</i> , 2009, 7, 743-752.	2.0	14
612	The autophagic pathway is a key component in the lysosomal dependent entry of <i>Trypanosoma cruzi</i> into the host cell. <i>Autophagy</i> , 2009, 5, 6-18.	4.3	86
613	Role of JNK1-dependent Bcl-2 Phosphorylation in Ceramide-induced Macroautophagy. <i>Journal of Biological Chemistry</i> , 2009, 284, 2719-2728.	1.6	240
614	Chapter 20 Methods to Monitor Autophagy of <i>Salmonella enterica</i> serovar Typhimurium. <i>Methods in Enzymology</i> , 2009, 452, 325-343.	0.4	7

#	ARTICLE	IF	CITATIONS
615	Chapter 3 Autophagic Neuron Death. <i>Methods in Enzymology</i> , 2009, 453, 33-51.	0.4	37
616	Autophagy Provides Nutrients but Can Lead to Chop-dependent Induction of Bim to Sensitize Growth Factor-deprived Cells to Apoptosis. <i>Molecular Biology of the Cell</i> , 2009, 20, 1180-1191.	0.9	51
617	Autophagy Regulates Pancreatic Beta Cell Death in Response to Pdx1 Deficiency and Nutrient Deprivation. <i>Journal of Biological Chemistry</i> , 2009, 284, 27664-27673.	1.6	105
618	Autophagy Is Activated by TGF- β^2 and Potentiates TGF- β^2 -Mediated Growth Inhibition in Human Hepatocellular Carcinoma Cells. <i>Cancer Research</i> , 2009, 69, 8844-8852.	0.4	263
619	Cisd2 deficiency drives premature aging and causes mitochondria-mediated defects in mice. <i>Genes and Development</i> , 2009, 23, 1183-1194.	2.7	233
620	Autophagy is involved in influenza A virus replication. <i>Autophagy</i> , 2009, 5, 321-328.	4.3	229
621	Induction of macroautophagy by overexpression of the Parkinson's disease-associated GPR37 receptor. <i>FASEB Journal</i> , 2009, 23, 1978-1987.	0.2	49
622	Autophagic Elimination of Misfolded Procollagen Aggregates in the Endoplasmic Reticulum as a Means of Cell Protection. <i>Molecular Biology of the Cell</i> , 2009, 20, 2744-2754.	0.9	187
623	Copper-Dopamine Complex Induces Mitochondrial Autophagy Preceding Caspase-independent Apoptotic Cell Death. <i>Journal of Biological Chemistry</i> , 2009, 284, 13306-13315.	1.6	60
624	Autophagy protects neuron from A β^2 -induced cytotoxicity. <i>Autophagy</i> , 2009, 5, 502-510.	4.3	168
625	Chapter 7 The GST-BHMT Assay and Related Assays for Autophagy. <i>Methods in Enzymology</i> , 2009, 452, 97-118.	0.4	20
626	Hypoxia-selective macroautophagy and cell survival signaled by autocrine PDGFR activity. <i>Genes and Development</i> , 2009, 23, 1283-1288.	2.7	58
627	The autophagy machinery is required to initiate hepatitis C virus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14046-14051.	3.3	418
628	Activation of antibacterial autophagy by NADPH oxidases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6226-6231.	3.3	506
629	LC3-mediated fibronectin mRNA translation induces fibrosarcoma growth by increasing connective tissue growth factor. <i>Journal of Cell Science</i> , 2009, 122, 1441-1451.	1.2	13
630	Rapamycin Rescues TDP-43 Mislocalization and the Associated Low Molecular Mass Neurofilament Instability. <i>Journal of Biological Chemistry</i> , 2009, 284, 27416-27424.	1.6	140
631	Autophagy, Redox Signaling, and Ventricular Remodeling. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1975-1988.	2.5	76
632	A Non-canonical MEK/ERK Signaling Pathway Regulates Autophagy via Regulating Beclin 1. <i>Journal of Biological Chemistry</i> , 2009, 284, 21412-21424.	1.6	287

#	ARTICLE	IF	CITATIONS
633	Insulin-like Growth Factor-I Prevents the Accumulation of Autophagic Vesicles and Cell Death in Purkinje Neurons by Increasing the Rate of Autophagosome-to-lysosome Fusion and Degradation. <i>Journal of Biological Chemistry</i> , 2009, 284, 20398-20407.	1.6	50
634	Nutrient Deprivation Induces Neuronal Autophagy and Implicates Reduced Insulin Signaling in Neuroprotective Autophagy Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 2363-2373.	1.6	107
635	The Ubiquitin-like Protein LC3 Regulates the Rho-GEF Activity of AKAP-Lbc. <i>Journal of Biological Chemistry</i> , 2009, 284, 28232-28242.	1.6	23
636	Alzheimer Disease-associated Peptide, Amyloid β 240, Inhibits Vascular Regeneration With Induction of Endothelial Autophagy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1909-1915.	1.1	78
637	Loss of PINK1 Function Promotes Mitophagy through Effects on Oxidative Stress and Mitochondrial Fission. <i>Journal of Biological Chemistry</i> , 2009, 284, 13843-13855.	1.6	845
638	Combination of adenoviral virotherapy and temozolomide chemotherapy eradicates malignant glioma through autophagic and apoptotic cell death in vivo. <i>British Journal of Cancer</i> , 2009, 100, 1154-1164.	2.9	64
639	p300 Plays a Critical Role in Maintaining Cardiac Mitochondrial Function and Cell Survival in Postnatal Hearts. <i>Circulation Research</i> , 2009, 105, 746-754.	2.0	21
640	Rheb controls misfolded protein metabolism by inhibiting aggresome formation and autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8923-8928.	3.3	88
641	Potential of Amyotrophic Lateral Sclerosis (ALS)-associated TDP-43 Aggregation by the Proteasome-targeting Factor, Ubiquilin 1. <i>Journal of Biological Chemistry</i> , 2009, 284, 8083-8092.	1.6	108
642	Tau deletion exacerbates the phenotype of Niemann-Pick type C mice and implicates autophagy in pathogenesis. <i>Human Molecular Genetics</i> , 2009, 18, 956-965.	1.4	67
643	Atg5 Regulates Phenethyl Isothiocyanate-induced Autophagic and Apoptotic Cell Death in Human Prostate Cancer Cells. <i>Cancer Research</i> , 2009, 69, 3704-3712.	0.4	141
644	Host Cell Autophagy Is Induced by <i>Toxoplasma gondii</i> and Contributes to Parasite Growth. <i>Journal of Biological Chemistry</i> , 2009, 284, 1694-1701.	1.6	109
645	5-HT ₄ Receptor-Mediated Neuroprotection and Neurogenesis in the Enteric Nervous System of Adult Mice. <i>Journal of Neuroscience</i> , 2009, 29, 9683-9699.	1.7	290
646	Disruption of ceramide synthesis by CerS2 down-regulation leads to autophagy and the unfolded protein response. <i>Biochemical Journal</i> , 2009, 424, 273-283.	1.7	115
647	A Novel Protein Complex in Membrane Rafts Linking the NR2B Glutamate Receptor and Autophagy Is Disrupted following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2009, 26, 703-720.	1.7	49
648	Platonin induces autophagy-associated cell death in human leukemia cells. <i>Autophagy</i> , 2009, 5, 173-183.	4.3	48
649	Analysis of DRAM-related proteins reveals evolutionarily conserved and divergent roles in the control of autophagy. <i>Cell Cycle</i> , 2009, 8, 2260-2265.	1.3	58
650	Identification of novel autophagy regulators by a luciferase-based assay for the kinetics of autophagic flux. <i>Autophagy</i> , 2009, 5, 1018-1025.	4.3	84

#	ARTICLE	IF	CITATIONS
651	Self-eating in skeletal development: Implications for lysosomal storage disorders. <i>Autophagy</i> , 2009, 5, 228-229.	4.3	16
652	Macroautophagy: The key ingredient to a healthy diet?. <i>Autophagy</i> , 2009, 5, 140-151.	4.3	37
653	Transglutaminase 2 is involved in autophagosome maturation. <i>Autophagy</i> , 2009, 5, 1145-1154.	4.3	89
654	Characterization of unusual families of ATG8-like proteins and ATG12 in the protozoan parasite <i>Leishmania major</i> . <i>Autophagy</i> , 2009, 5, 159-172.	4.3	89
655	When more is less: Excess and deficiency of autophagy coexist in skeletal muscle in Pompe disease. <i>Autophagy</i> , 2009, 5, 111-113.	4.3	51
656	Variations in the effects on synthesis of amyloid β protein in modulated autophagic conditions. <i>Neurological Research</i> , 2009, 31, 959-968.	0.6	5
657	Indirect estimation of the area density of Atg8 on the phagophore. <i>Autophagy</i> , 2009, 5, 217-220.	4.3	23
658	Participation of autophagy in the initiation of graft dysfunction after rat liver transplantation. <i>Autophagy</i> , 2009, 5, 351-360.	4.3	60
659	A novel Bcl-X _L inhibitor Z36 that induces autophagic cell death in Hela cells. <i>Autophagy</i> , 2009, 5, 314-320.	4.3	34
660	Robust autophagy/mitophagy persists during mitosis. <i>Cell Cycle</i> , 2009, 8, 1616-1620.	1.3	49
661	Chapter 17 Autophagy in Load-Induced Heart Disease. <i>Methods in Enzymology</i> , 2009, 453, 343-363.	0.4	15
662	The Isopeptidase Inhibitor G5 Triggers a Caspase-independent Necrotic Death in Cells Resistant to Apoptosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 8369-8381.	1.6	30
663	Using LC3 to monitor autophagy flux in the retinal pigment epithelium. <i>Autophagy</i> , 2009, 5, 1190-1193.	4.3	53
664	Chapter 12 Monitoring the Autophagy Pathway in Cancer. <i>Methods in Enzymology</i> , 2009, 453, 251-271.	0.4	7
665	Safingol (l-threo-sphinganine) induces autophagy in solid tumor cells through inhibition of PKC and the PI3-kinase pathway. <i>Autophagy</i> , 2009, 5, 184-193.	4.3	97
666	Prion Protein Functions and Dysfunction in Prion Diseases. <i>Current Medicinal Chemistry</i> , 2009, 16, 380-389.	1.2	32
667	Varicella-Zoster Virus Infection Induces Autophagy in both Cultured Cells and Human Skin Vesicles. <i>Journal of Virology</i> , 2009, 83, 5466-5476.	1.5	75
668	Assaying autophagic activity in transgenic GFP-Lc3 and GFP-Gabarap zebrafish embryos. <i>Autophagy</i> , 2009, 5, 520-526.	4.3	166

#	ARTICLE	IF	CITATIONS
669	Viral Bcl-2-Mediated Evasion of Autophagy Aids Chronic Infection of \hat{I}^3 Herpesvirus 68. PLoS Pathogens, 2009, 5, e1000609.	2.1	83
670	Techniques to Study Autophagy in Plants. International Journal of Plant Genomics, 2009, 2009, 1-14.	2.2	34
671	Chapter 6 Monitoring Autophagy in Alzheimer's Disease and Related Neurodegenerative Diseases. Methods in Enzymology, 2009, 453, 111-144.	0.4	26
672	Molecular basis of canonical and bactericidal autophagy. International Immunology, 2009, 21, 1199-1204.	1.8	37
673	An Initial Step of GAS-Containing Autophagosome-Like Vacuoles Formation Requires Rab7. PLoS Pathogens, 2009, 5, e1000670.	2.1	85
674	Progressive Purkinje Cell Degeneration in tambaleante Mutant Mice Is a Consequence of a Missense Mutation in HERC1 E3 Ubiquitin Ligase. PLoS Genetics, 2009, 5, e1000784.	1.5	58
675	S1P5 is required for sphingosine 1-phosphate-induced autophagy in human prostate cancer PC-3 cells. American Journal of Physiology - Cell Physiology, 2009, 297, C451-C458.	2.1	68
676	A Gonadotropin-Releasing Hormone-II Antagonist Induces Autophagy of Prostate Cancer Cells. Cancer Research, 2009, 69, 923-931.	0.4	46
677	Effect of autophagy on multiple myeloma cell viability. Molecular Cancer Therapeutics, 2009, 8, 1974-1984.	1.9	135
678	The Adaptor Protein p62/SQSTM1 Targets Invading Bacteria to the Autophagy Pathway. Journal of Immunology, 2009, 183, 5909-5916.	0.4	501
679	Autophagy pathway intersects with HIV-1 biosynthesis and regulates viral yields in macrophages. Journal of Cell Biology, 2009, 186, 255-268.	2.3	446
680	Dasatinib-induced autophagy is enhanced in combination with temozolomide in glioma. Molecular Cancer Therapeutics, 2009, 8, 394-406.	1.9	114
681	Targeting of the Akt-Nuclear Factor- \hat{I}^B Signaling Network by [1-(4-Chloro-3-nitrobenzenesulfonyl)-1- <i>H</i> -indol-3-yl]-methanol (OSU-A9), a Novel Indole-3-Carbinol Derivative, in a Mouse Model of Hepatocellular Carcinoma. Molecular Pharmacology, 2009, 76, 957-968.	1.0	57
682	Co-localization of constituents of the dengue virus translation and replication machinery with amphisomes. Journal of General Virology, 2009, 90, 448-456.	1.3	143
683	Endoplasmic Reticulum Stress-Mediated Autophagy/Apoptosis Induced by Capsaicin (8-Methyl- <i>N</i> -vanillyl-6-nonenamide) and Dihydrocapsaicin is Regulated by the Extent of c-Jun NH ₂ -Terminal Kinase/Extracellular Signal-Regulated Kinase Activation in WI38 Lung Epithelial Fibroblast Cells. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 112-122.	1.3	108
684	Screen for Chemical Modulators of Autophagy Reveals Novel Therapeutic Inhibitors of mTORC1 Signaling. PLoS ONE, 2009, 4, e7124.	1.1	313
685	An Overview of the Molecular Mechanism of Autophagy. Current Topics in Microbiology and Immunology, 2009, 335, 1-32.	0.7	595
686	Cyclopeptide toxin promotes the degradation of Hsp90 client proteins through chaperone-mediated autophagy. Journal of Cell Biology, 2009, 185, 629-639.	2.3	81

#	ARTICLE	IF	CITATIONS
687	Inhibitors of the V0 subunit of the vacuolar H ⁺ -ATPase prevent segregation of lysosomal- and secretory-pathway proteins. <i>Journal of Cell Science</i> , 2009, 122, 3542-3553.	1.2	64
688	CCL2 and Interleukin-6 Promote Survival of Human CD11b ⁺ Peripheral Blood Mononuclear Cells and Induce M2-type Macrophage Polarization. <i>Journal of Biological Chemistry</i> , 2009, 284, 34342-34354.	1.6	474
689	A Novel Hybrid Yeast-Human Network Analysis Reveals an Essential Role for FBNP1L in Antibacterial Autophagy. <i>Journal of Immunology</i> , 2009, 182, 4917-4930.	0.4	51
690	Chapter 15 Mitophagy in Mammalian Cells. <i>Methods in Enzymology</i> , 2009, 452, 227-245.	0.4	24
691	Exploring the human genome with functional maps. <i>Genome Research</i> , 2009, 19, 1093-1106.	2.4	196
692	Markers of Autophagy Are Downregulated in Failing Human Heart After Mechanical Unloading. <i>Circulation</i> , 2009, 120, S191-7.	1.6	146
693	LRRK2 regulates autophagic activity and localizes to specific membrane microdomains in a novel human genomic reporter cellular model. <i>Human Molecular Genetics</i> , 2009, 18, 4022-4034.	1.4	402
694	Eradication of Intracellular <i>Salmonella enterica</i> Serovar Typhimurium with a Small-Molecule, Host Cell-Directed Agent. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 5236-5244.	1.4	79
695	Mammalian macroautophagy at a glance. <i>Journal of Cell Science</i> , 2009, 122, 1707-1711.	1.2	163
696	PARP-1 is involved in autophagy induced by DNA damage. <i>Autophagy</i> , 2009, 5, 61-74.	4.3	211
697	Autophagy: A new target for advanced papillary thyroid cancer therapy. <i>Surgery</i> , 2009, 146, 1208-1214.	1.0	49
698	Autophagy upregulation and loss of NF- κ B in oxidative stress-related immunodeficient SAMP8 mice. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 722-730.	2.2	23
699	The prosurvival role of autophagy in Resveratrol-induced cytotoxicity in human U251 glioma cells. <i>BMC Cancer</i> , 2009, 9, 215.	1.1	74
700	Disruption of the novel gene <i>fad104</i> causes rapid postnatal death and attenuation of cell proliferation, adhesion, spreading and migration. <i>Experimental Cell Research</i> , 2009, 315, 809-819.	1.2	32
701	The HIV protease inhibitor saquinavir induces endoplasmic reticulum stress, autophagy, and apoptosis in ovarian cancer cells. <i>Gynecologic Oncology</i> , 2009, 112, 623-630.	0.6	50
702	Endostatin induces autophagy in endothelial cells by modulating Beclin 1 and β -catenin levels. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3687-3698.	1.6	93
703	Distinct roles of the mTOR components Rictor and Raptor in MO7e megakaryocytic cells. <i>European Journal of Haematology</i> , 2009, 83, 235-245.	1.1	34
704	IF1, the endogenous regulator of the F1Fo-ATP synthase, defines mitochondrial volume fraction in HeLa cells by regulating autophagy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 393-401.	0.5	58

#	ARTICLE	IF	CITATIONS
705	Autophagy: A lysosomal degradation pathway with a central role in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 664-673.	1.9	581
706	Autophagy in <i>Drosophila melanogaster</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1452-1460.	1.9	96
707	Autophagy in Hydra: A response to starvation and stress in early animal evolution. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1432-1443.	1.9	67
708	TI-VAMP/VAMP7 and VAMP3/cellubrevin: two v-SNARE proteins involved in specific steps of the autophagy/multivesicular body pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1901-1916.	1.9	409
709	Olomoucine inhibits cathepsin L nuclear translocation, activates autophagy and attenuates toxicity of 6-hydroxydopamine. <i>Brain Research</i> , 2009, 1264, 85-97.	1.1	24
710	Allopregnanolone treatment delays cholesterol accumulation and reduces autophagic/lysosomal dysfunction and inflammation in <i>Npc1</i> ^{-/-} mouse brain. <i>Brain Research</i> , 2009, 1270, 140-151.	1.1	58
711	Lipopolysaccharide extends the lifespan of mouse primary-cultured microglia. <i>Brain Research</i> , 2009, 1279, 9-20.	1.1	12
712	Sodium arsenite-induced DAPK promoter hypermethylation and autophagy via ERK1/2 phosphorylation in human uroepithelial cells. <i>Chemico-Biological Interactions</i> , 2009, 181, 254-262.	1.7	30
713	The ESCRT-III protein CeVPS-32 is enriched in domains distinct from CeVPS-27 and CeVPS-23 at the endosomal membrane of epithelial cells. <i>Biology of the Cell</i> , 2009, 101, 599-615.	0.7	30
714	Hepatitis B virus X protein sensitizes cells to starvation-induced autophagy via up-regulation of beclin 1 expression. <i>Hepatology</i> , 2009, 49, 60-71.	3.6	205
715	GFP-LC3 labels organised smooth endoplasmic reticulum membranes independently of autophagy. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 86-95.	1.2	18
716	Immunohistochemical expression of MAP1LC3A and MAP1LC3B protein in breast carcinoma tissues. <i>Journal of Clinical Laboratory Analysis</i> , 2009, 23, 249-258.	0.9	24
717	Enterovirus 71-induced autophagy detected in vitro and in vivo promotes viral replication. <i>Journal of Medical Virology</i> , 2009, 81, 1241-1252.	2.5	165
718	Autophagy, lithium, and amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2009, 40, 173-194.	1.0	70
719	Effect of Bcl-2 overexpression on apoptosis and autophagy in recombinant Chinese hamster ovary cells under nutrient-deprived condition. <i>Biotechnology and Bioengineering</i> , 2009, 103, 757-766.	1.7	51
720	Degradation of excess peroxisomes in mammalian liver cells by autophagy and other mechanisms. <i>Histochemistry and Cell Biology</i> , 2009, 131, 455-458.	0.8	43
721	Apoptosis, autophagy and cell cycle arrest following photodamage to mitochondrial interior. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 276-286.	2.2	58
722	Serum deprivation induced autophagy and predominantly an AIF-dependent apoptosis in hippocampal HT22 neurons. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 1274-1288.	2.2	41

#	ARTICLE	IF	CITATIONS
723	Autophagy is required for preconditioning by the adenosine A1 receptor-selective agonist CCPA. <i>Basic Research in Cardiology</i> , 2009, 104, 157-167.	2.5	84
724	Cardioprotection requires taking out the trash. <i>Basic Research in Cardiology</i> , 2009, 104, 169-180.	2.5	91
725	Lindane and cell death: At the crossroads between apoptosis, necrosis and autophagy. <i>Toxicology</i> , 2009, 256, 32-41.	2.0	42
726	Cellular Responses to Cancer Chemopreventive Agent D,L-Sulforaphane in Human Prostate Cancer Cells Are Initiated by Mitochondrial Reactive Oxygen Species. <i>Pharmaceutical Research</i> , 2009, 26, 1729-1738.	1.7	92
727	Programmed Cell Death Pathways and Current Antitumor Targets. <i>Pharmaceutical Research</i> , 2009, 26, 1547-1560.	1.7	129
728	A small GTPase, human Rab32, is required for the formation of autophagic vacuoles under basal conditions. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2913-2932.	2.4	103
729	Basal autophagy is involved in the degradation of the ERAD component EDEM1. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 1434-1445.	2.4	39
730	Rare Earth Oxide Nanocrystals Induce Autophagy in HeLa Cells. <i>Small</i> , 2009, 5, 2784-2787.	5.2	96
731	Up-regulation of autophagy in small intestine Paneth cells in response to total-body β -irradiation. <i>Journal of Pathology</i> , 2009, 219, 242-252.	2.1	45
732	Analysis of the role of COP9 Signalosome (CSN) subunits in K562; the first link between CSN and autophagy. <i>BMC Cell Biology</i> , 2009, 10, 31.	3.0	20
733	Oxidative stress promotes autophagic cell death in human neuroblastoma cells with ectopic transfer of mitochondrial PPP2R2B (B β 2). <i>BMC Cell Biology</i> , 2009, 10, 91.	3.0	22
734	Review: Autophagy in neurodegeneration: firefighter and/or incendiary?. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 449-461.	1.8	100
735	Lag phase autophagy in the methylotrophic yeast <i>Pichia pastoris</i> . <i>Genes To Cells</i> , 2009, 14, 861-870.	0.5	18
736	Control of autophagy initiation by phosphoinositide 3-phosphatase jumpy. <i>EMBO Journal</i> , 2009, 28, 2244-2258.	3.5	241
737	The structure of Atg4B-LC3 complex reveals the mechanism of LC3 processing and delipidation during autophagy. <i>EMBO Journal</i> , 2009, 28, 1341-1350.	3.5	329
738	DAP-kinase-mediated phosphorylation on the BH3 domain of beclin 1 promotes dissociation of beclin 1 from Bcl-XL and induction of autophagy. <i>EMBO Reports</i> , 2009, 10, 285-292.	2.0	520
739	Hydroxychloroquine Modulates Metabolic Activity and Proliferation and Induces Autophagic Cell Death of Human Dermal Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2419-2426.	0.3	47
740	Discovery of Atg5/Atg7-independent alternative macroautophagy. <i>Nature</i> , 2009, 461, 654-658.	13.7	949

#	ARTICLE	IF	CITATIONS
741	RNA interference-mediated downregulation of Beclin1 attenuates cerebral ischemic injury in rats. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 919-927.	2.8	90
742	Rapamycin and mTOR-independent autophagy inducers ameliorate toxicity of polyglutamine-expanded huntingtin and related proteinopathies. <i>Cell Death and Differentiation</i> , 2009, 16, 46-56.	5.0	502
743	Autophagy in CD4+ T-cell immunity and tolerance. <i>Cell Death and Differentiation</i> , 2009, 16, 79-86.	5.0	41
744	Novel cell death by downregulation of eEF1A1 expression in tetraploids. <i>Cell Death and Differentiation</i> , 2009, 16, 139-150.	5.0	47
745	Autophagy regulates selective HMGB1 release in tumor cells that are destined to die. <i>Cell Death and Differentiation</i> , 2009, 16, 175-183.	5.0	235
746	Bif-1/Endophilin B1: a candidate for crescent driving force in autophagy. <i>Cell Death and Differentiation</i> , 2009, 16, 947-955.	5.0	116
747	PUMA- and Bax-induced autophagy contributes to apoptosis. <i>Cell Death and Differentiation</i> , 2009, 16, 1135-1145.	5.0	219
748	The inositol 1,4,5-trisphosphate receptor regulates autophagy through its interaction with Beclin 1. <i>Cell Death and Differentiation</i> , 2009, 16, 1006-1017.	5.0	258
749	Cell death induced by dexamethasone in lymphoid leukemia is mediated through initiation of autophagy. <i>Cell Death and Differentiation</i> , 2009, 16, 1018-1029.	5.0	192
750	The late stages of autophagy: how does the end begin?. <i>Cell Death and Differentiation</i> , 2009, 16, 984-990.	5.0	148
751	Autophagy within the antigen donor cell facilitates efficient antigen cross-priming of virus-specific CD8+ T cells. <i>Cell Death and Differentiation</i> , 2009, 16, 991-1005.	5.0	172
752	Two Beclin 1-binding proteins, Atg14L and Rubicon, reciprocally regulate autophagy at different stages. <i>Nature Cell Biology</i> , 2009, 11, 385-396.	4.6	1,046
753	Distinct regulation of autophagic activity by Atg14L and Rubicon associated with Beclin 1â€™phosphatidylinositol-3-kinase complex. <i>Nature Cell Biology</i> , 2009, 11, 468-476.	4.6	845
754	Mitochondrial fission factor Drp1 is essential for embryonic development and synapse formation in mice. <i>Nature Cell Biology</i> , 2009, 11, 958-966.	4.6	889
755	Autophagy enhances the presentation of endogenous viral antigens on MHC class I molecules during HSV-1 infection. <i>Nature Immunology</i> , 2009, 10, 480-487.	7.0	404
756	Stimulation of the insulin/mTOR pathway delays cone death in a mouse model of retinitis pigmentosa. <i>Nature Neuroscience</i> , 2009, 12, 44-52.	7.1	443
757	Dynamics and diversity in autophagy mechanisms: lessons from yeast. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 458-467.	16.1	1,498
758	Hypoxia-activated autophagy accelerates degradation of SQSTM1/p62. <i>Oncogene</i> , 2009, 28, 334-344.	2.6	144

#	ARTICLE	IF	CITATIONS
759	The pivotal role of c-Jun NH2-terminal kinase-mediated Beclin 1 expression during anticancer agents-induced autophagy in cancer cells. <i>Oncogene</i> , 2009, 28, 886-898.	2.6	246
760	A novel role for MAP1 LC3 in nonautophagic cytoplasmic vacuolation death of cancer cells. <i>Oncogene</i> , 2009, 28, 2556-2568.	2.6	112
761	Degenerative and protective reactions of the rat trigeminal motor nucleus after removal of the masseter and temporal muscles. <i>Journal of Oral Pathology and Medicine</i> , 2009, 38, 777-784.	1.4	5
762	Melatonin alters cell death processes in response to age-related oxidative stress in the brain of senescence-accelerated mice. <i>Journal of Pineal Research</i> , 2009, 46, 106-114.	3.4	52
763	Productive <i>Chlamydia trachomatis</i> lymphogranuloma venereum 434 infection in cells with augmented or inactivated autophagic activities. <i>FEMS Microbiology Letters</i> , 2009, 292, 240-249.	0.7	25
764	Structure and potential function of γ -aminobutyrate type A receptor-associated protein. <i>FEBS Journal</i> , 2009, 276, 4989-5005.	2.2	33
765	p53 induction contributes to excitotoxic neuronal death in rat striatum through apoptotic and autophagic mechanisms. <i>European Journal of Neuroscience</i> , 2009, 30, 2258-2270.	1.2	60
766	Macroautophagy and its role in nutrient homeostasis. <i>Nutrition Reviews</i> , 2009, 67, 677-689.	2.6	47
767	Intracellular sequestration of amiodarone: role of vacuolar ATPase and macroautophagic transition of the resulting vacuolar cytopathology. <i>British Journal of Pharmacology</i> , 2009, 157, 1531-1540.	2.7	58
768	Lithium induces clearance of protease resistant prion protein in prion-infected cells by induction of autophagy. <i>Journal of Neurochemistry</i> , 2009, 109, 25-34.	2.1	169
769	Tau is an inhibitor of deacetylase HDAC6 function. <i>Journal of Neurochemistry</i> , 2009, 109, 1756-1766.	2.1	153
770	Parkin deficiency increases the resistance of midbrain neurons and glia to mild proteasome inhibition: the role of autophagy and glutathione homeostasis. <i>Journal of Neurochemistry</i> , 2009, 110, 1523-1537.	2.1	25
771	Molecular architecture of myelinated peripheral nerves is supported by calorie restriction with aging. <i>Aging Cell</i> , 2009, 8, 178-191.	3.0	51
772	Multiple roles of the cytoskeleton in autophagy. <i>Biological Reviews</i> , 2009, 84, 431-448.	4.7	180
773	Effect of Akt overexpression on programmed cell death in antibody-producing Chinese hamster ovary cells. <i>Journal of Biotechnology</i> , 2009, 139, 89-94.	1.9	43
774	Autophagy Is an Essential Component of <i>Drosophila</i> Immunity against Vesicular Stomatitis Virus. <i>Immunity</i> , 2009, 30, 588-598.	6.6	417
775	Chapter 10 Monitoring Autophagy by Electron Microscopy in Mammalian Cells. <i>Methods in Enzymology</i> , 2009, 452, 143-164.	0.4	227
776	Apoptosis and Autophagy Cell Engineering. <i>Cell Engineering</i> , 2009, , 195-216.	0.4	4

#	ARTICLE	IF	CITATIONS
777	Chapter 25 Detachment-Induced Autophagy In Three-Dimensional Epithelial Cell Cultures. <i>Methods in Enzymology</i> , 2009, 452, 423-439.	0.4	13
778	Dehydroeburicoic Acid Induces Calcium- and Calpain-Dependent Necrosis in Human U87MG Glioblastomas. <i>Chemical Research in Toxicology</i> , 2009, 22, 1817-1826.	1.7	25
779	Chapter 10 Analyzing Autophagy in Clinical Tissues of Lung and Vascular Diseases. <i>Methods in Enzymology</i> , 2009, 453, 197-216.	0.4	8
780	ATG Systems from the Protein Structural Point of View. <i>Chemical Reviews</i> , 2009, 109, 1587-1598.	23.0	66
781	Blockade of Hsp20 Phosphorylation Exacerbates Cardiac Ischemia/Reperfusion Injury by Suppressed Autophagy and Increased Cell Death. <i>Circulation Research</i> , 2009, 105, 1223-1231.	2.0	110
782	Spheroids of granulosa cells provide an in vitro model for programmed cell death coupled to steroidogenesis. <i>Differentiation</i> , 2009, 77, 60-69.	1.0	10
783	Acetylation Targets Mutant Huntingtin to Autophagosomes for Degradation. <i>Cell</i> , 2009, 137, 60-72.	13.5	367
784	Vitamin D3 Induces Autophagy in Human Monocytes/Macrophages via Cathelicidin. <i>Cell Host and Microbe</i> , 2009, 6, 231-243.	5.1	684
785	Mechanisms and consequences of impaired lipid trafficking in Niemann-Pick type C1-deficient mammalian cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 659-670.	1.2	100
786	Induction of autophagy by anthrax lethal toxin. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 293-297.	1.0	23
787	Autophagy is upregulated in rats with status epilepticus and partly inhibited by Vitamin E. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 949-953.	1.0	45
788	Inhibition of cyclooxygenase-1 lowers proliferation and induces macroautophagy in colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 79-84.	1.0	13
789	The MAP1-LC3 conjugation system is involved in lipid droplet formation. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 419-423.	1.0	214
790	Inhibition of macroautophagy by bafilomycin A1 lowers proliferation and induces apoptosis in colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 451-456.	1.0	99
791	Identification and characterization of chicken neuropathy target esterase. <i>Gene</i> , 2009, 435, 45-52.	1.0	6
792	Murine muscle cell models for Pompe disease and their use in studying therapeutic approaches. <i>Molecular Genetics and Metabolism</i> , 2009, 96, 208-217.	0.5	35
793	Association of autophagy with cholesterol-accumulated compartments in Niemann-Pick disease type C cells. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 954-959.	0.8	43
794	Degradation of neuropathy target esterase by the macroautophagic lysosomal pathway. <i>Life Sciences</i> , 2009, 84, 89-96.	2.0	8

#	ARTICLE	IF	CITATIONS
795	Cytotoxic effects of oxysterols associated with human diseases: Induction of cell death (apoptosis) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 Medicine, 2009, 30, 153-170.	2.7	242
796	Low molecular weight A β 2 induces collapse of endoplasmic reticulum. Molecular and Cellular Neurosciences, 2009, 41, 32-43.	1.0	33
797	MAP1a associated light chain 3 increases microtubule stability by suppressing microtubule dynamics. Molecular and Cellular Neurosciences, 2009, 41, 85-93.	1.0	19
798	Mitochondria: One of the origins for autophagosomal membranes?. Mitochondrion, 2009, 9, 227-231.	1.6	15
799	Role of autophagy and proteasome degradation pathways in apoptosis of PC12 cells overexpressing human α -synuclein. Neuroscience Letters, 2009, 454, 203-208.	1.0	31
800	An ATP-competitive Mammalian Target of Rapamycin Inhibitor Reveals Rapamycin-resistant Functions of mTORC1. Journal of Biological Chemistry, 2009, 284, 8023-8032.	1.6	1,545
801	Chapter 23 Kinetic Analysis of Autophagosome Formation and Turnover in Primary Mouse Macrophages. Methods in Enzymology, 2009, 452, 383-402.	0.4	14
802	Chapter 1 Monitoring Autophagy in Mammalian Cultured Cells through the Dynamics of LC3. Methods in Enzymology, 2009, 452, 1-12.	0.4	220
803	Autophagy: from basic science to clinical application. Mucosal Immunology, 2009, 2, 315-330.	2.7	38
804	Chapter 9 Flow Cytometric Analysis of Autophagy in Living Mammalian Cells. Methods in Enzymology, 2009, 452, 131-141.	0.4	26
805	Glutamine Increases Autophagy Under Basal and Stressed Conditions in Intestinal Epithelial Cells. Gastroenterology, 2009, 136, 924-932.e2.	0.6	107
806	Molecular Mechanisms of Pancreatic Dysfunction Induced by Protein Malnutrition. Gastroenterology, 2009, 137, 1093-1101.e3.	0.6	27
807	Regulation Mechanisms and Signaling Pathways of Autophagy. Annual Review of Genetics, 2009, 43, 67-93.	3.2	3,114
808	A combination of indole-3-carbinol and genistein synergistically induces apoptosis in human colon cancer HT-29 cells by inhibiting Akt phosphorylation and progression of autophagy. Molecular Cancer, 2009, 8, 100.	7.9	128
809	Enhanced sensitivity of celecoxib in human glioblastoma cells: Induction of DNA damage leading to p53-dependent G1 cell cycle arrest and autophagy. Molecular Cancer, 2009, 8, 66.	7.9	80
810	Autophagy activation and enhanced mitophagy characterize the Purkinje cells of pcd mice prior to neuronal death. Molecular Brain, 2009, 2, 24.	1.3	95
811	Arginine Deiminase as a Novel Therapy for Prostate Cancer Induces Autophagy and Caspase-Independent Apoptosis. Cancer Research, 2009, 69, 700-708.	0.4	271
812	Measuring Autophagy in Macrophages. Current Protocols in Immunology, 2009, 87, Unit 14.14.	3.6	9

#	ARTICLE	IF	CITATIONS
813	A role for autophagolysosomes in dengue virus 3 production in HepG2 cells. <i>Journal of General Virology</i> , 2009, 90, 1093-1103.	1.3	108
814	Chapter 13 Autophagy Pathways in Glioblastoma. <i>Methods in Enzymology</i> , 2009, 453, 273-286.	0.4	53
815	Chapter 13 Cytosolic LC3 Ratio as a Quantitative Index of Macroautophagy. <i>Methods in Enzymology</i> , 2009, 452, 199-213.	0.4	119
816	Chapter 21 Monitoring Autophagy in Lysosomal Storage Disorders. <i>Methods in Enzymology</i> , 2009, 453, 417-449.	0.4	82
817	Emerging roles for the ubiquitin-proteasome system and autophagy in pancreatic Î²-cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1-E10.	1.8	51
818	<i>Vibrio</i> VopQ induces PI3K-independent autophagy and antagonizes phagocytosis. <i>Molecular Microbiology</i> , 2009, 73, 639-649.	1.2	89
819	Senescent Keratinocytes Die by Autophagic Programmed Cell Death. <i>American Journal of Pathology</i> , 2009, 174, 423-435.	1.9	99
820	Functional Significance and Morphological Characterization of Starvation-Induced Autophagy in the Adult Heart. <i>American Journal of Pathology</i> , 2009, 174, 1705-1714.	1.9	111
821	The Stent-Eluting Drugs Sirolimus and Paclitaxel Suppress Healing of the Endothelium by Induction of Autophagy. <i>American Journal of Pathology</i> , 2009, 175, 2226-2234.	1.9	57
822	Enhancement of Autophagic Flux after Neonatal Cerebral Hypoxia-Ischemia and Its Region-Specific Relationship to Apoptotic Mechanisms. <i>American Journal of Pathology</i> , 2009, 175, 1962-1974.	1.9	133
823	Group A Streptococcus: A Loser in the Battle with Autophagy. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 217-226.	0.7	10
824	The role of autophagy in tumour development and cancer therapy. <i>Expert Reviews in Molecular Medicine</i> , 2009, 11, e36.	1.6	177
825	Chapter 5 Autophagic Clearance of Aggregate-Prone Proteins Associated with Neurodegeneration. <i>Methods in Enzymology</i> , 2009, 453, 83-110.	0.4	81
826	Chapter 16 Novel Methods for Measuring Cardiac Autophagy In Vivo. <i>Methods in Enzymology</i> , 2009, 453, 325-342.	0.4	57
827	Chapter 22 Streptococcus, Shigella, and Listeria-Induced Autophagy. <i>Methods in Enzymology</i> , 2009, 452, 363-381.	0.4	9
828	CCL2 Is a Negative Regulator of AMP-Activated Protein Kinase to Sustain mTOR Complex-1 Activation, Survivin Expression, and Cell Survival in Human Prostate Cancer PC3 Cells. <i>Neoplasia</i> , 2009, 11, 1309-1317.	2.3	46
829	Autophagy, immunity and human disease. <i>Current Opinion in Gastroenterology</i> , 2009, 25, 512-520.	1.0	35
830	Severe Hepatocellular Injury With Apoptosis Induced by a Hepatitis C Polymerase Inhibitor. <i>Journal of Clinical Gastroenterology</i> , 2009, 43, 374-381.	1.1	25

#	ARTICLE	IF	CITATIONS
831	Alterations of cellular organelles in human liver-derived hepatoma G2 cells induced by adriamycin. <i>Anti-Cancer Drugs</i> , 2009, 20, 779-786.	0.7	14
832	Autophagy in skeletal muscle: implications for Pompe disease. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2009, 47 Suppl 1, S42-7.	0.3	48
834	Phosphorylated and non-phosphorylated forms of catechol <i>O</i> -methyltransferase in rat liver, brain and other tissues. <i>Biochemical Journal</i> , 2009, 417, 535-545.	1.7	18
835	Mitochondrial clearance is regulated by Atg7-dependent and -independent mechanisms during reticulocyte maturation. <i>Blood</i> , 2009, 114, 157-164.	0.6	210
836	Characterization of CAA0225, a Novel Inhibitor Specific for Cathepsin L, as a Probe for Autophagic Proteolysis. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 475-479.	0.6	30
837	MUC1 oncoprotein promotes autophagy in a survival response to glucose deprivation. <i>International Journal of Oncology</i> , 2009, 34, 1691-9.	1.4	41
838	Abnormal autophagy, ubiquitination, inflammation and apoptosis are dependent upon lysosomal storage and are useful biomarkers of mucopolysaccharidosis VI. <i>PathoGenetics</i> , 2009, 2, 4.	5.7	82
839	Models to Study Atherosclerosis: A Mechanistic Insight. <i>Current Vascular Pharmacology</i> , 2009, 7, 75-109.	0.8	50
840	Inducible EGFR T790M-Mediated Gefitinib Resistance in Non-small Cell Lung Cancer Cells Does Not Modulate Sensitivity to PI103 Provoked Autophagy. <i>Journal of Thoracic Oncology</i> , 2010, 5, 765-777.	0.5	15
841	Sporadic inclusion body myositis: possible pathogenesis inferred from biomarkers. <i>Current Opinion in Neurology</i> , 2010, 23, 482-488.	1.8	47
842	A systems biology viewpoint on autophagy in health and disease. <i>Current Opinion in Gastroenterology</i> , 2010, 26, 302-309.	1.0	41
843	Nedd4-Interacting Protein 2, a Short Half-life Membrane Protein Degraded in Lysosomes, Negatively Controls Down-Regulation of Connexin43. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 951-957.	0.6	15
844	Resveratrol-induced autophagy in human U373 glioma cells. <i>Oncology Letters</i> , 2010, 1, 489-493.	0.8	25
845	Autophagy contributes to therapy-induced degradation of the PML/RARA oncoprotein. <i>Blood</i> , 2010, 116, 2324-2331.	0.6	235
846	Novel In Vivo Tool to Evaluate Autophagic Activity in the Heart. <i>Circulation Journal</i> , 2010, 74, 49-50.	0.7	1
847	Involvement of autophagy via mammalian target of rapamycin (mTOR) inhibition in tributyltin-induced neuronal cell death. <i>Journal of Toxicological Sciences</i> , 2010, 35, 245-251.	0.7	30
848	Silibinin Induced Autophagic and Apoptotic Cell Death in HT1080 Cells Through a Reactive Oxygen Species Pathway. <i>Journal of Pharmacological Sciences</i> , 2010, 113, 48-56.	1.1	59
849	Stimulation of autophagy in the liver by lipopolysaccharide-induced systemic inflammation in a rat model of diabetes mellitus. <i>Biomedical Research</i> , 2010, 31, 263-271.	0.3	14

#	ARTICLE	IF	CITATIONS
850	Inhibition of Autophagy Potentiates Sulforaphane-Induced Apoptosis in Human Colon Cancer Cells. <i>Annals of Surgical Oncology</i> , 2010, 17, 592-602.	0.7	73
851	Pineapple bromelain induces autophagy, facilitating apoptotic response in mammary carcinoma cells. <i>BioFactors</i> , 2010, 36, 474-482.	2.6	55
852	Measurement of Autophagy in Cells and Tissues. <i>Methods in Molecular Biology</i> , 2010, 648, 193-214.	0.4	130
853	Selective degradation of p62 by autophagy. <i>Seminars in Immunopathology</i> , 2010, 32, 431-436.	2.8	216
854	T cell intrinsic roles of autophagy in promoting adaptive immunity. <i>Current Opinion in Immunology</i> , 2010, 22, 321-325.	2.4	9
855	Hallmark cellular pathology of Alzheimer's disease induced by mutant human tau expression in cultured <i>Aplysia</i> neurons. <i>Acta Neuropathologica</i> , 2010, 120, 209-222.	3.9	18
856	Autophagy in Viral Replication and Pathogenesis. <i>Molecules and Cells</i> , 2010, 29, 1-8.	1.0	93
857	Lysosomal accumulation of mTOR is enhanced by rapamycin. <i>Histochemistry and Cell Biology</i> , 2010, 134, 537-544.	0.8	20
858	Analysis of different cell death processes of prepubertal rat oocytes <i>in vitro</i> . <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 511-526.	2.2	23
859	Synergistic induction of apoptosis and caspase-independent autophagic cell death by a combination of nitroxide Tempo and heat shock in human leukemia U937 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1270-1283.	2.2	15
860	Vacuolar ATPase-mediated sequestration of local anesthetics in swollen macroautophagosomes. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 230-239.	0.7	20
861	Stimulation of the endosomal TLR pathway enhances autophagy-induced cell death in radiotherapy of breast cancer. <i>Genes and Genomics</i> , 2010, 32, 599-606.	0.5	17
862	Melatonin protects N2a against ischemia/reperfusion injury through autophagy enhancement. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2010, 30, 1-7.	1.0	42
863	Autoimmune regulator regulates autophagy in THP-1 human monocytes. <i>Frontiers of Medicine in China</i> , 2010, 4, 336-341.	0.1	4
864	Zinc(II) ion mediates tamoxifen-induced autophagy and cell death in MCF-7 breast cancer cell line. <i>BioMetals</i> , 2010, 23, 997-1013.	1.8	105
865	The Evolutionarily Conserved Interaction Between LC3 and p62 Selectively Mediates Autophagy-Dependent Degradation of Mutant Huntingtin. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 795-806.	1.7	39
866	Intracellular localization of GASP/ECOP/VOPP1. <i>Journal of Molecular Histology</i> , 2010, 41, 153-164.	1.0	20
867	Hypoxia, RONS and energy metabolism in articular cartilage. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 1167-1173.	0.6	17

#	ARTICLE	IF	CITATIONS
868	Macroautophagy is defective in mucolipin-1-deficient mouse neurons. <i>Neurobiology of Disease</i> , 2010, 40, 370-377.	2.1	89
869	Autophagy induction by the 30â€“100kDa fraction of areca nut in both normal and malignant cells through reactive oxygen species. <i>Oral Oncology</i> , 2010, 46, 822-828.	0.8	26
870	Autophagy plays an important role in Sunitinib-mediated cell death in H9c2 cardiac muscle cells. <i>Toxicology and Applied Pharmacology</i> , 2010, 248, 20-27.	1.3	64
871	Acute NMDA toxicity in cultured rat cerebellar granule neurons is accompanied by autophagy induction and late onset autophagic cell death phenotype. <i>BMC Neuroscience</i> , 2010, 11, 21.	0.8	52
872	1,1-Bis(3'-indolyl)-1-(p-substituted phenyl)methanes induce autophagic cell death in estrogen receptor negative breast cancer. <i>BMC Cancer</i> , 2010, 10, 669.	1.1	16
873	ROS-mediated autophagy was involved in cancer cell death induced by novel copper(II) complex. <i>Experimental and Toxicologic Pathology</i> , 2010, 62, 577-582.	2.1	64
874	DAP1, a Novel Substrate of mTOR, Negatively Regulates Autophagy. <i>Current Biology</i> , 2010, 20, 1093-1098.	1.8	145
875	Bax deficiency mediated drug resistance can be reversed by endoplasmic reticulum stress induced death signaling. <i>Biochemical Pharmacology</i> , 2010, 79, 1589-1599.	2.0	19
876	Chain-dependent photocytotoxicity of tricationic porphyrin conjugates and related mechanisms of cell death in proliferating human skin keratinocytes. <i>Biochemical Pharmacology</i> , 2010, 80, 1373-1385.	2.0	23
877	Autophagy impairment inhibits differentiation of glioma stem/progenitor cells. <i>Brain Research</i> , 2010, 1313, 250-258.	1.1	62
878	Methamphetamine induces macropinocytosis in differentiated SH-SY5Y human neuroblastoma cells. <i>Brain Research</i> , 2010, 1352, 1-10.	1.1	38
879	Temozolomide, quercetin and cell death in the MOGGCCM astrocytoma cell line. <i>Chemico-Biological Interactions</i> , 2010, 188, 190-203.	1.7	63
880	T-Lymphoblastic Lymphoma Cells Express High Levels of BCL2, S1P1, and ICAM1, Leading to a Blockade of Tumor Cell Intravasation. <i>Cancer Cell</i> , 2010, 18, 353-366.	7.7	141
881	AMPK-independent induction of autophagy by cytosolic Ca ²⁺ increase. <i>Cellular Signalling</i> , 2010, 22, 914-925.	1.7	145
882	Autophagy in plants and phytopathogens. <i>FEBS Letters</i> , 2010, 584, 1350-1358.	1.3	67
883	Atg8â€“family interacting motif crucial for selective autophagy. <i>FEBS Letters</i> , 2010, 584, 1379-1385.	1.3	473
884	Current knowledge of the preâ€“autophagosomal structure (PAS). <i>FEBS Letters</i> , 2010, 584, 1280-1286.	1.3	152
885	PINK1 is recruited to mitochondria with parkin and associates with LC3 in mitophagy. <i>FEBS Letters</i> , 2010, 584, 1073-1079.	1.3	205

#	ARTICLE	IF	CITATIONS
886	Physiological significance of selective degradation of p62 by autophagy. <i>FEBS Letters</i> , 2010, 584, 1374-1378.	1.3	439
887	Superoxide anion and proteasomal dysfunction contribute to curcumin-induced paraptosis of malignant breast cancer cells. <i>Free Radical Biology and Medicine</i> , 2010, 48, 713-726.	1.3	108
888	Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines. <i>Free Radical Biology and Medicine</i> , 2010, 49, 245-257.	1.3	36
889	Role of autophagy in protection afforded by hypoxic preconditioning against MPP ⁺ -induced neurotoxicity in SH-SY5Y cells. <i>Free Radical Biology and Medicine</i> , 2010, 49, 839-846.	1.3	30
890	The C/EBP β isoform, liver-inhibitory protein (LIP), induces autophagy in breast cancer cell lines. <i>Experimental Cell Research</i> , 2010, 316, 3227-3238.	1.2	23
891	Coordinated autophagy with resveratrol and Î³-tocotrienol confers synergetic cardioprotection. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2506-2518.	1.6	60
892	Dasatinib induces autophagic cell death in human ovarian cancer. <i>Cancer</i> , 2010, 116, 4980-4990.	2.0	77
893	Autophagy is activated by proteasomal inhibition and involved in aggresome clearance in cultured astrocytes. <i>Glia</i> , 2010, 58, 1766-1774.	2.5	76
894	Autophagy at the gut interface: Mucosal responses to stress and the consequences for inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 152-174.	0.9	23
895	Concomitant inhibition of AKT and autophagy is required for efficient cisplatin-induced apoptosis of metastatic skin carcinoma. <i>International Journal of Cancer</i> , 2010, 127, 2790-2803.	2.3	75
896	Glucocorticoid-induced autophagy in osteocytes. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2479-2488.	3.1	172
897	Autophagy is a protective mechanism in normal cartilage, and its aging-related loss is linked with cell death and osteoarthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 791-801.	6.7	531
898	Hyperosmotic stress induces autophagy and apoptosis in recombinant Chinese hamster ovary cell culture. <i>Biotechnology and Bioengineering</i> , 2010, 105, 1187-1192.	1.7	64
899	Antiapoptotic and antiautophagic effects of glial cell line-derived neurotrophic factor and hepatocyte growth factor after transient middle cerebral artery occlusion in rats. <i>Journal of Neuroscience Research</i> , 2010, 88, 2197-2206.	1.3	55
900	Neuron-selective toxicity of tau peptide in a cell culture model of neurodegenerative tauopathy: Essential role for aggregation in neurotoxicity. <i>Journal of Neuroscience Research</i> , 2010, 88, 3399-3413.	1.3	27
901	Role of hypoxia and autophagy in MDA-MB-231 invasiveness. <i>Journal of Cellular Physiology</i> , 2010, 223, 359-368.	2.0	52
902	Branched-chain amino acids protect against dexamethasone-induced soleus muscle atrophy in rats. <i>Muscle and Nerve</i> , 2010, 41, 819-827.	1.0	73
903	Irradiation With Carbon Ion Beams Induces Apoptosis, Autophagy, and Cellular Senescence in a Human Glioma-Derived Cell Line. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 229-241.	0.4	57

#	ARTICLE	IF	CITATIONS
904	Acetylated microtubules are required for fusion of autophagosomes with lysosomes. <i>BMC Cell Biology</i> , 2010, 11, 89.	3.0	168
905	The mTOR kinase inhibitor Everolimus decreases S6 kinase phosphorylation but fails to reduce mutant huntingtin levels in brain and is not neuroprotective in the R6/2 mouse model of Huntington's disease. <i>Molecular Neurodegeneration</i> , 2010, 5, 26.	4.4	86
906	Phosphorylation regulates proteasomal-mediated degradation and solubility of TAR DNA binding protein-43 C-terminal fragments. <i>Molecular Neurodegeneration</i> , 2010, 5, 33.	4.4	103
907	Autophagy: assays and artifacts. <i>Journal of Pathology</i> , 2010, 221, 117-124.	2.1	676
908	Nuclear STK15 expression is associated with aggressive behaviour of oral carcinoma cells <i>in vivo</i> and <i>in vitro</i> . <i>Journal of Pathology</i> , 2010, 222, 99-109.	2.1	17
909	Gangliosides induce autophagic cell death in astrocytes. <i>British Journal of Pharmacology</i> , 2010, 159, 586-603.	2.7	46
910	A novel mTOR activating protein protects dopamine neurons against oxidative stress by repressing autophagy related cell death. <i>Journal of Neurochemistry</i> , 2010, 112, 366-376.	2.1	109
911	Nerve growth factor activation of the TrkA receptor induces cell death, by macropinocytosis, in medulloblastoma Daoy cells. <i>Journal of Neurochemistry</i> , 2010, 112, 882-899.	2.1	62
912	Autophagy and protein aggregation after brain ischemia. <i>Journal of Neurochemistry</i> , 2010, 115, 68-78.	2.1	113
913	Melatonin suppresses cyclosporine A-induced autophagy in rat pituitary GH3 cells. <i>Journal of Pineal Research</i> , 2010, 48, 204-211.	3.4	42
914	Modulation of Local PtdIns3P Levels by the PI Phosphatase MTMR3 Regulates Constitutive Autophagy. <i>Traffic</i> , 2010, 11, 468-478.	1.3	167
915	Autophagosome Formation Depends on the Small GTPase Rab1 and Functional ER Exit Sites. <i>Traffic</i> , 2010, 11, 1246-1261.	1.3	221
916	CH05-10, a novel indinavir analog, is a broad-spectrum antitumor agent that induces cell cycle arrest, apoptosis, endoplasmic reticulum stress and autophagy. <i>Cancer Science</i> , 2010, 101, 2644-2651.	1.7	15
917	MBSJ MCC Young Scientist Award 2009-REVIEW: Selective autophagy regulates various cellular functions. <i>Genes To Cells</i> , 2010, 15, 923-933.	0.5	136
918	Involvement of JNK in the regulation of autophagic cell death. <i>Oncogene</i> , 2010, 29, 2070-2082.	2.6	152
919	Inhibition of isoprenylcysteine carboxylmethyltransferase induces autophagic-dependent apoptosis and impairs tumor growth. <i>Oncogene</i> , 2010, 29, 4959-4970.	2.6	62
920	S100A8/A9 induces autophagy and apoptosis via ROS-mediated cross-talk between mitochondria and lysosomes that involves BNIP3. <i>Cell Research</i> , 2010, 20, 314-331.	5.7	198
921	Overview of macroautophagy regulation in mammalian cells. <i>Cell Research</i> , 2010, 20, 748-762.	5.7	437

#	ARTICLE	IF	CITATIONS
922	The IKK complex contributes to the induction of autophagy. <i>EMBO Journal</i> , 2010, 29, 619-631.	3.5	274
923	Autophagy mediates the process of cellular senescence characterizing bile duct damages in primary biliary cirrhosis. <i>Laboratory Investigation</i> , 2010, 90, 835-843.	1.7	106
924	Perspectives on inhibiting mTOR as a future treatment strategy for hematological malignancies. <i>Leukemia</i> , 2010, 24, 1686-1699.	3.3	100
925	Role of FK506-binding protein 51 in the control of apoptosis of irradiated melanoma cells. <i>Cell Death and Differentiation</i> , 2010, 17, 145-157.	5.0	123
926	Apoptosis blocks Beclin 1-dependent autophagosome synthesis: an effect rescued by Bcl-xL. <i>Cell Death and Differentiation</i> , 2010, 17, 268-277.	5.0	414
927	<i>Coxiella burnetii</i> modulates Beclin 1 and Bcl-2, preventing host cell apoptosis to generate a persistent bacterial infection. <i>Cell Death and Differentiation</i> , 2010, 17, 421-438.	5.0	82
928	Cathepsin B facilitates autophagy-mediated apoptosis in SPARC overexpressed primitive neuroectodermal tumor cells. <i>Cell Death and Differentiation</i> , 2010, 17, 1529-1539.	5.0	70
929	A systems level strategy for analyzing the cell death network: implication in exploring the apoptosis/autophagy connection. <i>Cell Death and Differentiation</i> , 2010, 17, 1244-1253.	5.0	41
930	Inhibition of autophagy induced by overexpression of mda-7/interleukin-24 strongly augments the antileukemia activity in vitro and in vivo. <i>Cancer Gene Therapy</i> , 2010, 17, 109-119.	2.2	31
931	Eaten alive: a history of macroautophagy. <i>Nature Cell Biology</i> , 2010, 12, 814-822.	4.6	1,839
932	The selective autophagy substrate p62 activates the stress responsive transcription factor Nrf2 through inactivation of Keap1. <i>Nature Cell Biology</i> , 2010, 12, 213-223.	4.6	1,933
933	NOD2 stimulation induces autophagy in dendritic cells influencing bacterial handling and antigen presentation. <i>Nature Medicine</i> , 2010, 16, 90-97.	15.2	926
934	Cargo recognition failure is responsible for inefficient autophagy in Huntington's disease. <i>Nature Neuroscience</i> , 2010, 13, 567-576.	7.1	730
935	Autophagy and Cell Death of Purkinje Cells Overexpressing Doppel in Ngsk <i>Prnp</i> Deficient Mice. <i>Brain Pathology</i> , 2010, 20, 119-132.	2.1	18
936	Bacterial pathogens and the autophagic response. <i>Cellular Microbiology</i> , 2010, 12, 10-18.	1.1	29
937	Autophagosomes can support <i>Yersinia pseudotuberculosis</i> replication in macrophages. <i>Cellular Microbiology</i> , 2010, 12, 1108-1123.	1.1	69
938	Mycobacterial lipoprotein activates autophagy via TLR2/1/CD14 and a functional vitamin D receptor signalling. <i>Cellular Microbiology</i> , 2010, 12, 1648-1665.	1.1	226
939	The effects of dynein inhibition on the autophagic pathway in glioma cells. <i>Neuropathology</i> , 2010, 30, 1-6.	0.7	28

#	ARTICLE	IF	CITATIONS
940	17-AAG Induces Cytoplasmic α -Synuclein Aggregate Clearance by Induction of Autophagy. <i>PLoS ONE</i> , 2010, 5, e8753.	1.1	79
941	Nucleocytoplasmic Distribution and Dynamics of the Autophagosome Marker EGFP-LC3. <i>PLoS ONE</i> , 2010, 5, e9806.	1.1	81
942	14-3-3 β , Regulates Beclin 1 and Is Required for Autophagy. <i>PLoS ONE</i> , 2010, 5, e10409.	1.1	45
943	Rhabdastrellic Acid-A Induced Autophagy-Associated Cell Death through Blocking Akt Pathway in Human Cancer Cells. <i>PLoS ONE</i> , 2010, 5, e12176.	1.1	29
944	Role of autophagy in myocardial reperfusion injury. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1147-1153.	0.9	10
945	Oxidative Stress and Autophagy in Cardiac Disease, Neurological Disorders, Aging and Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2010, 3, 168-177.	1.9	222
946	The Effect of Autophagy to Cell Death in Nutrient-Deprived H460 Cells. <i>Tuberculosis and Respiratory Diseases</i> , 2010, 69, 81.	0.7	0
947	The small heat shock protein B8 (HspB8) promotes autophagic removal of misfolded proteins involved in amyotrophic lateral sclerosis (ALS). <i>Human Molecular Genetics</i> , 2010, 19, 3440-3456.	1.4	303
948	Characterization of autophagosome formation site by a hierarchical analysis of mammalian Atg proteins. <i>Autophagy</i> , 2010, 6, 764-776.	4.3	714
949	An Automated High-Content Screening Image Analysis Pipeline for the Identification of Selective Autophagic Inducers in Human Cancer Cell Lines. <i>Journal of Biomolecular Screening</i> , 2010, 15, 869-881.	2.6	12
950	Phenethyl Isothiocyanate Inhibits Oxidative Phosphorylation to Trigger Reactive Oxygen Species-mediated Death of Human Prostate Cancer Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 26558-26569.	1.6	158
951	T-cell cytokines differentially control human monocyte antimicrobial responses by regulating vitamin D metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22593-22598.	3.3	206
952	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. <i>Journal of Cell Biology</i> , 2010, 191, 155-168.	2.3	432
953	Yip1A Structures the Mammalian Endoplasmic Reticulum. <i>Molecular Biology of the Cell</i> , 2010, 21, 1556-1568.	0.9	37
954	The Epidermal Growth Factor Receptor Antibody Cetuximab Induces Autophagy in Cancer Cells by Downregulating HIF-1 α and Bcl-2 and Activating the Beclin 1/hVps34 Complex. <i>Cancer Research</i> , 2010, 70, 5942-5952.	0.4	172
955	Activation of autophagy through modulation of 5 α -AMP-activated protein kinase protects pancreatic β -cells from high glucose. <i>Biochemical Journal</i> , 2010, 425, 541-551.	1.7	54
956	Analyzing autophagy in zebrafish. <i>Autophagy</i> , 2010, 6, 642-644.	4.3	44
957	A comprehensive glossary of autophagy-related molecules and processes. <i>Autophagy</i> , 2010, 6, 438-448.	4.3	144

#	ARTICLE	IF	CITATIONS
958	Ca ²⁺ -dependent autophagy is enhanced by the pharmacological agent PK11195. <i>Autophagy</i> , 2010, 6, 607-613.	4.3	25
959	Impaired turnover of autophagolysosomes in cathepsin L deficiency. <i>Biological Chemistry</i> , 2010, 391, 913-22.	1.2	72
960	LC3-dependent Intracellular Membrane Tubules Induced by β -Protocadherins A3 and B2. <i>Journal of Biological Chemistry</i> , 2010, 285, 20982-20992.	1.6	32
961	Autophagy in Vascular Disease. <i>Proceedings of the American Thoracic Society</i> , 2010, 7, 40-47.	3.5	83
962	Drugs that Target Specificity Proteins Downregulate Epidermal Growth Factor Receptor in Bladder Cancer Cells. <i>Molecular Cancer Research</i> , 2010, 8, 739-750.	1.5	95
963	The Combination of a Histone Deacetylase Inhibitor with the Bcl-2 Homology Domain-3 Mimetic GX15-070 Has Synergistic Antileukemia Activity by Activating Both Apoptosis and Autophagy. <i>Clinical Cancer Research</i> , 2010, 16, 3923-3932.	3.2	60
964	Autophagy requires endoplasmic reticulum targeting of the PI3-kinase complex via Atg14L. <i>Journal of Cell Biology</i> , 2010, 190, 511-521.	2.3	402
965	Chloroquine-induced autophagic vacuole accumulation and cell death in glioma cells is p53 independent. <i>Neuro-Oncology</i> , 2010, 12, 473-81.	0.6	148
966	Inhibiting the ubiquitin-proteasome system leads to preferential accumulation of toxic N-terminal mutant huntingtin fragments. <i>Human Molecular Genetics</i> , 2010, 19, 2445-2455.	1.4	73
967	The Pan-Bcl-2 Inhibitor (α)-Gossypol Triggers Autophagic Cell Death in Malignant Glioma. <i>Molecular Cancer Research</i> , 2010, 8, 1002-1016.	1.5	169
968	Rilmenidine attenuates toxicity of polyglutamine expansions in a mouse model of Huntington's disease. <i>Human Molecular Genetics</i> , 2010, 19, 2144-2153.	1.4	191
969	Heme Oxygenase-1 Inhibits Renal Tubular Macroautophagy in Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1702-1712.	3.0	144
970	Specific Behavior of Intracellular <i>Streptococcus pyogenes</i> That Has Undergone Autophagic Degradation Is Associated with Bacterial Streptolysin O and Host Small G Proteins Rab5 and Rab7. <i>Journal of Biological Chemistry</i> , 2010, 285, 22666-22675.	1.6	71
971	β -Synuclein impairs macroautophagy: implications for Parkinson's disease. <i>Journal of Cell Biology</i> , 2010, 190, 1023-1037.	2.3	687
972	Ang2/Fat-Free Is a Conserved Subunit of the Golgi-associated Retrograde Protein Complex. <i>Molecular Biology of the Cell</i> , 2010, 21, 3386-3395.	0.9	78
973	Autophagy protein microtubule-associated protein 1 light chain-3B (LC3B) activates extrinsic apoptosis during cigarette smoke-induced emphysema. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18880-18885.	3.3	334
974	Prognostic relevance of light chain 3 (LC3A) autophagy patterns in colorectal adenocarcinomas. <i>Journal of Clinical Pathology</i> , 2010, 63, 867-872.	1.0	83
975	Essential Role of the Redox-Sensitive Kinase p66 ^{shc} in Determining Energetic and Oxidative Status and Cell Fate in Neuronal Preconditioning. <i>Journal of Neuroscience</i> , 2010, 30, 5242-5252.	1.7	35

#	ARTICLE	IF	CITATIONS
976	Coxsackievirus Infection Induces Autophagy-Like Vesicles and Megaphagosomes in Pancreatic Acinar Cells <i>in Vivo</i> . <i>Journal of Virology</i> , 2010, 84, 12110-12124.	1.5	138
977	Autophagy inhibition and antimalarials promote cell death in gastrointestinal stromal tumor (GIST). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14333-14338.	3.3	194
978	Induction of Reactive Oxygen Species-mediated Autophagy by a Novel Microtubule-modulating Agent. <i>Journal of Biological Chemistry</i> , 2010, 285, 18737-18748.	1.6	80
979	Altered lipid content inhibits autophagic vesicular fusion. <i>FASEB Journal</i> , 2010, 24, 3052-3065.	0.2	371
980	TBC-2 Regulates RAB-5/RAB-7-mediated Endosomal Trafficking in <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2010, 21, 2285-2296.	0.9	77
981	Downregulation of Bcl-x L and Mcl-1 is sufficient to induce cell death in mesothelioma cells highly refractory to conventional chemotherapy. <i>Carcinogenesis</i> , 2010, 31, 984-993.	1.3	66
982	Inhibition of Target of Rapamycin Signaling and Stress Activate Autophagy in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2010, 152, 1874-1888.	2.3	192
983	Proteomic analysis revealed association of aberrant ROS signaling with suberoylanilide hydroxamic acid-induced autophagy in Jurkat T-leukemia cells. <i>Autophagy</i> , 2010, 6, 711-724.	4.3	81
984	Enhancement of Autophagy during Lytic Replication by the Kaposi's Sarcoma-Associated Herpesvirus Replication and Transcription Activator. <i>Journal of Virology</i> , 2010, 84, 7448-7458.	1.5	65
985	Roles of SIRT1 in the Acute and Restorative Phases following Induction of Inflammation. <i>Journal of Biological Chemistry</i> , 2010, 285, 41391-41401.	1.6	87
986	Early autophagic response in a novel knock-in model of Huntington disease. <i>Human Molecular Genetics</i> , 2010, 19, 3702-3720.	1.4	114
987	Carcinoma cells activate AMP-activated protein kinase-dependent autophagy as survival response to kaempferol-mediated energetic impairment. <i>Autophagy</i> , 2010, 6, 202-216.	4.3	64
988	Fisetin induces autophagic cell death through suppression of mTOR signaling pathway in prostate cancer cells. <i>Carcinogenesis</i> , 2010, 31, 1424-1433.	1.3	166
989	A novel quantitative flow cytometry-based assay for autophagy. <i>Autophagy</i> , 2010, 6, 634-641.	4.3	137
990	Investigating autophagy: Quantitative morphometric analysis using electron microscopy. <i>Autophagy</i> , 2010, 6, 270-277.	4.3	84
991	Inhibition of autophagy in the heart induces age-related cardiomyopathy. <i>Autophagy</i> , 2010, 6, 600-606.	4.3	391
992	The class IA phosphatidylinositol 3-kinase p110- β subunit is a positive regulator of autophagy. <i>Journal of Cell Biology</i> , 2010, 191, 827-843.	2.3	82
993	Autophagy was activated in injured astrocytes and mildly decreased cell survival following glucose and oxygen deprivation and focal cerebral ischemia. <i>Autophagy</i> , 2010, 6, 738-753.	4.3	190

#	ARTICLE	IF	CITATIONS
994	Activation of autophagy and Akt/CREB signaling play an equivalent role in the neuroprotective effect of rapamycin in neonatal hypoxia-ischemia. <i>Autophagy</i> , 2010, 6, 366-377.	4.3	229
995	Biochemical Isolation and Characterization of the Tubulovesicular LC3-positive Autophagosomal Compartment. <i>Journal of Biological Chemistry</i> , 2010, 285, 1371-1383.	1.6	83
996	A Role for Toll-like Receptor 3 Variants in Host Susceptibility to Enteroviral Myocarditis and Dilated Cardiomyopathy. <i>Journal of Biological Chemistry</i> , 2010, 285, 23208-23223.	1.6	156
997	Loss of leucine-rich repeat kinase 2 causes impairment of protein degradation pathways, accumulation of α -synuclein, and apoptotic cell death in aged mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9879-9884.	3.3	465
998	Vp1659 Is a <i>Vibrio parahaemolyticus</i> Type III Secretion System 1 Protein That Contributes to Translocation of Effector Proteins Needed To Induce Cytolysis, Autophagy, and Disruption of Actin Structure in HeLa Cells. <i>Journal of Bacteriology</i> , 2010, 192, 3491-3502.	1.0	28
999	GSK-3 β promotes cell survival by modulating Bif-1-dependent autophagy and cell death. <i>Journal of Cell Science</i> , 2010, 123, 861-870.	1.2	70
1000	Cathepsin B-mediated Autophagy Flux Facilitates the Anthrax Toxin Receptor 2-mediated Delivery of Anthrax Lethal Factor into the Cytoplasm. <i>Journal of Biological Chemistry</i> , 2010, 285, 2120-2129.	1.6	69
1001	The polynuclear platinum BBR3610 induces G2/M arrest and autophagy early and apoptosis late in glioma cells. <i>Neuro-Oncology</i> , 2010, 12, 1269-1277.	0.6	22
1002	Rapamycin generates anti-apoptotic human Th1/Tc1 cells via autophagy for induction of xenogeneic GVHD. <i>Autophagy</i> , 2010, 6, 523-541.	4.3	32
1003	Suppression of autophagy permits successful enzyme replacement therapy in a lysosomal storage disorder in murine Pompe disease. <i>Autophagy</i> , 2010, 6, 1078-1089.	4.3	140
1004	ATM signals to TSC2 in the cytoplasm to regulate mTORC1 in response to ROS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4153-4158.	3.3	628
1005	Manipulation of Death Pathways in Desmin-Related Cardiomyopathy. <i>Circulation Research</i> , 2010, 106, 1524-1532.	2.0	60
1006	The autophagosomal protein LGG-2 acts synergistically with LGG-1 in dauer formation and longevity in <i>C. elegans</i> . <i>Autophagy</i> , 2010, 6, 622-633.	4.3	82
1007	Starvation-induced Hyperacetylation of Tubulin Is Required for the Stimulation of Autophagy by Nutrient Deprivation. <i>Journal of Biological Chemistry</i> , 2010, 285, 24184-24194.	1.6	172
1008	Ultrastructural and biochemical analyses of hepatitis C virus-associated host cell membranes. <i>Journal of General Virology</i> , 2010, 91, 2230-2237.	1.3	133
1009	Neuronal Inactivation of Peroxisome Proliferator-activated Receptor γ Coactivator 1 α (PGC-1 α) Protects Mice from Diet-induced Obesity and Leads to Degenerative Lesions. <i>Journal of Biological Chemistry</i> , 2010, 285, 39087-39095.	1.6	64
1010	Identification of the Drosophila Ortholog of HSPB8. <i>Journal of Biological Chemistry</i> , 2010, 285, 37811-37822.	1.6	79
1011	Lysosome Dysfunction Triggers Atg7-dependent Neural Apoptosis. <i>Journal of Biological Chemistry</i> , 2010, 285, 10497-10507.	1.6	78

#	ARTICLE	IF	CITATIONS
1012	Cholesterol trafficking is required for mTOR activation in endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4764-4769.	3.3	180
1013	Deletion of the Huntingtin Polyglutamine Stretch Enhances Neuronal Autophagy and Longevity in Mice. PLoS Genetics, 2010, 6, e1000838.	1.5	140
1014	TGF- β 1 Protects against Mesangial Cell Apoptosis via Induction of Autophagy. Journal of Biological Chemistry, 2010, 285, 37909-37919.	1.6	120
1015	Reevaluation of Neurodegeneration in <i>lurcher</i> Mice: Constitutive Ion Fluxes Cause Cell Death with, Not by, Autophagy. Journal of Neuroscience, 2010, 30, 2177-2187.	1.7	32
1016	Mycobacterium tuberculosis Eis Regulates Autophagy, Inflammation, and Cell Death through Redox-dependent Signaling. PLoS Pathogens, 2010, 6, e1001230.	2.1	281
1017	Biliary Epithelial Apoptosis, Autophagy, and Senescence in Primary Biliary Cirrhosis. Hepatitis Research and Treatment, 2010, 2010, 1-10.	2.0	11
1018	Cellular and in vivo activity of a novel PI3K inhibitor, PX-866, against human glioblastoma. Neuro-Oncology, 2010, 12, 559-569.	0.6	100
1019	Celecoxib-induced apoptosis is enhanced by ABT-737 and by inhibition of autophagy in human colorectal cancer cells. Autophagy, 2010, 6, 256-269.	4.3	123
1020	Chemical Inducers of Autophagy That Enhance the Clearance of Mutant Proteins in Neurodegenerative Diseases. Journal of Biological Chemistry, 2010, 285, 11061-11067.	1.6	181
1021	Induction of Autophagy and Inhibition of Melanoma Growth In Vitro and In Vivo by Hyperactivation of Oncogenic BRAF. Journal of Investigative Dermatology, 2010, 130, 1657-1667.	0.3	67
1022	TRAF6 and A20 Regulate Lysine 63-Linked Ubiquitination of Beclin-1 to Control TLR4-Induced Autophagy. Science Signaling, 2010, 3, ra42.	1.6	396
1023	Cellular Stress Responses: Cell Survival and Cell Death. International Journal of Cell Biology, 2010, 2010, 1-23.	1.0	984
1024	Rubicon and PLEKHM1 Negatively Regulate the Endocytic/Autophagic Pathway via a Novel Rab7-binding Domain. Molecular Biology of the Cell, 2010, 21, 4162-4172.	0.9	136
1025	Autophagy promotes BCG-induced maturation of human dendritic cells. Acta Biochimica Et Biophysica Sinica, 2010, 42, 177-182.	0.9	16
1026	Inhibition of PI3k Class III-Dependent Autophagy Prevents Apoptosis and Necrosis by Oxidative Stress in Dopaminergic Neuroblastoma Cells. Toxicological Sciences, 2010, 117, 152-162.	1.4	70
1027	Cellular machinery to fuse antimicrobial autophagosome with lysosome. Communicative and Integrative Biology, 2010, 3, 385-387.	0.6	7
1028	Amino terminal hydrophobic import signals target the p14ARF tumor suppressor to the mitochondria. Cell Cycle, 2010, 9, 829-839.	1.3	26
1029	Artificial induction of autophagy around polystyrene beads in nonphagocytic cells. Autophagy, 2010, 6, 36-45.	4.3	67

#	ARTICLE	IF	CITATIONS
1030	The EphB2 tumor suppressor induces autophagic cell death via concomitant activation of the ERK1/2 and PI3K pathways. <i>Cell Cycle</i> , 2010, 9, 398-407.	1.3	48
1031	Clearance of mutant huntingtin. <i>Autophagy</i> , 2010, 6, 663-664.	4.3	26
1032	Bnip3-mediated mitochondrial autophagy is independent of the mitochondrial permeability transition pore. <i>Autophagy</i> , 2010, 6, 855-862.	4.3	194
1033	4-Cloro-3,5-dihydroxystilbene, a resveratrol derivative, induces lung cancer cell death. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 81-92.	2.8	12
1034	Heat Stroke Induces Autophagy as a Protection Mechanism Against Neurodegeneration in the Brain. <i>Shock</i> , 2010, 34, 643-648.	1.0	28
1035	Defective autophagy associated with LC3 puncta in epothilone-resistant cancer cells. <i>Cell Cycle</i> , 2010, 9, 377-383.	1.3	17
1036	Autophagy Blockade Sensitizes Prostate Cancer Cells towards Src Family Kinase Inhibitors. <i>Genes and Cancer</i> , 2010, 1, 40-49.	0.6	149
1037	Autophagy: cancer therapy's friend or foe?. <i>Future Medicinal Chemistry</i> , 2010, 2, 285-297.	1.1	31
1038	Parkin Mono-ubiquitinates Bcl-2 and Regulates Autophagy. <i>Journal of Biological Chemistry</i> , 2010, 285, 38214-38223.	1.6	142
1039	Morphine induces Beclin 1- and ATG5-dependent autophagy in human neuroblastoma SH-SY5Y cells and in the rat hippocampus. <i>Autophagy</i> , 2010, 6, 386-394.	4.3	67
1040	Jun Proteins Are Starvation-Regulated Inhibitors of Autophagy. <i>Cancer Research</i> , 2010, 70, 2318-2327.	0.4	45
1041	Autophagy-active beclin-1 correlates with favourable clinical outcome in non-Hodgkin lymphomas. <i>Modern Pathology</i> , 2010, 23, 937-950.	2.9	70
1042	The lipotrophic caveolin-1 deficient mouse model reveals autophagy in mature adipocytes. <i>Autophagy</i> , 2010, 6, 754-763.	4.3	66
1043	BNIP3 is essential for mediating 6-thioguanine- and 5-fluorouracil-induced autophagy following DNA mismatch repair processing. <i>Cell Research</i> , 2010, 20, 665-675.	5.7	45
1044	Cyclophilin D is required for mitochondrial removal by autophagy in cardiac cells. <i>Autophagy</i> , 2010, 6, 462-472.	4.3	114
1045	GABARAPL1 (GEC1) associates with autophagic vesicles. <i>Autophagy</i> , 2010, 6, 495-505.	4.3	81
1046	Mammalian Atg18 (WIPI2) localizes to omegasome-anchored phagophores and positively regulates LC3 lipidation. <i>Autophagy</i> , 2010, 6, 506-522.	4.3	566
1047	Keap1 facilitates p62-mediated ubiquitin aggregate clearance via autophagy. <i>Autophagy</i> , 2010, 6, 614-621.	4.3	216

#	ARTICLE	IF	CITATIONS
1048	Gigantic macroautophagy in programmed nuclear death of <i>Tetrahymena thermophila</i> . <i>Autophagy</i> , 2010, 6, 901-911.	4.3	48
1049	Roles of autophagy in cetuximab-mediated cancer therapy against EGFR. <i>Autophagy</i> , 2010, 6, 1066-1077.	4.3	87
1050	Autophagy in the Lung. <i>Proceedings of the American Thoracic Society</i> , 2010, 7, 13-21.	3.5	103
1051	Kdo2-Lipid A, a TLR4-specific Agonist, Induces de Novo Sphingolipid Biosynthesis in RAW264.7 Macrophages, Which Is Essential for Induction of Autophagy. <i>Journal of Biological Chemistry</i> , 2010, 285, 38568-38579.	1.6	99
1052	Calcium Channel Blocker Verapamil Enhances Reticulum Stress and Death Induced by Proteasome Inhibition in Myeloma Cells. <i>Neoplasia</i> , 2010, 12, 550-IN3.	2.3	43
1053	Inhibition of mTOR by Rapamycin Abolishes Cognitive Deficits and Reduces Amyloid- β^2 Levels in a Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2010, 5, e9979.	1.1	875
1054	HIF-1 α -dependent autophagy protects HeLa cells from fenretinide (4-HPR)-induced apoptosis in hypoxia. <i>Pharmacological Research</i> , 2010, 62, 416-425.	3.1	76
1055	C60(Nd) nanoparticles enhance chemotherapeutic susceptibility of cancer cells by modulation of autophagy. <i>Nanotechnology</i> , 2010, 21, 495101.	1.3	87
1056	Methods for detecting autophagy and determining autophagy-induced cell death This review is one of a selection of papers published in a Special Issue on Oxidative Stress in Health and Disease. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010, 88, 285-295.	0.7	96
1057	Caloric restriction and resveratrol promote longevity through the Sirtuin-1-dependent induction of autophagy. <i>Cell Death and Disease</i> , 2010, 1, e10-e10.	2.7	518
1058	Cardiotoxicity of the Anticancer Therapeutic Agent Bortezomib. <i>American Journal of Pathology</i> , 2010, 176, 2658-2668.	1.9	115
1059	5-ALA mediated photodynamic therapy induces autophagic cell death via AMP-activated protein kinase. <i>Molecular Cancer</i> , 2010, 9, 91.	7.9	63
1060	ISG20L1 is a p53 family target gene that modulates genotoxic stress-induced autophagy. <i>Molecular Cancer</i> , 2010, 9, 95.	7.9	64
1061	p53-dependent regulation of autophagy protein LC3 supports cancer cell survival under prolonged starvation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18511-18516.	3.3	212
1062	Delphinidin Induces Necrosis in Hepatocellular Carcinoma Cells in the Presence of 3-Methyladenine, an Autophagy Inhibitor. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3957-3964.	2.4	49
1063	β -Synuclein Delays Endoplasmic Reticulum (ER)-to-Golgi Transport in Mammalian Cells by Antagonizing ER/Golgi SNAREs. <i>Molecular Biology of the Cell</i> , 2010, 21, 1850-1863.	0.9	191
1065	The Selective Macroautophagic Degradation of Aggregated Proteins Requires the PI3P-Binding Protein Atfy. <i>Molecular Cell</i> , 2010, 38, 265-279.	4.5	390
1066	Negative Regulation of Vps34 by Cdk Mediated Phosphorylation. <i>Molecular Cell</i> , 2010, 38, 500-511.	4.5	154

#	ARTICLE	IF	CITATIONS
1067	Neuroprotection of deferoxamine on rotenone-induced injury via accumulation of HIF-1 α and induction of autophagy in SH-SY5Y cells. <i>Neurochemistry International</i> , 2010, 57, 198-205.	1.9	97
1068	Autophagy protects the rotenone-induced cell death in α -synuclein overexpressing SH-SY5Y cells. <i>Neuroscience Letters</i> , 2010, 472, 47-52.	1.0	59
1069	Exacerbation of ischemia-induced amyloid- β^2 generation by diabetes is associated with autophagy activation in mice brain. <i>Neuroscience Letters</i> , 2010, 479, 215-220.	1.0	26
1070	Beclin 1 and LC3 autophagic gene expression in cutaneous melanocytic lesions. <i>Human Pathology</i> , 2010, 41, 503-512.	1.1	129
1071	Reduced expression of LC3B-II and Beclin 1 in glioblastoma multiforme indicates a down-regulated autophagic capacity that relates to the progression of astrocytic tumors. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 1515-1519.	0.8	129
1072	Cancer Therapy Beyond Apoptosis: Autophagy and Anoikis as Mechanisms of Cell Death. <i>Journal of Surgical Research</i> , 2010, 164, 301-308.	0.8	47
1073	Targeting Bcl-2-Mediated Cell Death as a Novel Therapy in Pancreatic Cancer. <i>Journal of Surgical Research</i> , 2010, 163, 276-281.	0.8	7
1074	Autophagic cell death induced by 5-FU in Bax or PUMA deficient human colon cancer cell. <i>Cancer Letters</i> , 2010, 288, 68-74.	3.2	76
1075	The BH3-mimetic GX15-070 induces autophagy, potentiates the cytotoxicity of carboplatin and 5-fluorouracil in esophageal carcinoma cells. <i>Cancer Letters</i> , 2010, 293, 167-174.	3.2	53
1076	DJ-1, a cancer and Parkinson's disease associated protein, regulates autophagy through JNK pathway in cancer cells. <i>Cancer Letters</i> , 2010, 297, 101-108.	3.2	77
1077	Inhibition of autophagy augments 5-fluorouracil chemotherapy in human colon cancer in vitro and in vivo model. <i>European Journal of Cancer</i> , 2010, 46, 1900-1909.	1.3	281
1078	Multifaceted deaths orchestrated by mitochondria in neurones. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 167-185.	1.8	92
1079	Glucose deprivation causes oxidative stress and stimulates aggresome formation and autophagy in cultured cardiac myocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 509-518.	1.8	102
1080	Alpha-eleostearic acid induces autophagy-dependent cell death through targeting AKT/mTOR and ERK1/2 signal together with the generation of reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 903-908.	1.0	44
1081	Glucosamine induces autophagy via an mTOR-independent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1775-1779.	1.0	60
1082	LC3, a microtubule-associated protein1A/B light chain3, is involved in cytoplasmic lipid droplet formation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 274-279.	1.0	102
1083	Fasting-related autophagic response in slow- and fast-twitch skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 136-140.	1.0	62
1084	Protein kinase C inhibits autophagy and phosphorylates LC3. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 471-476.	1.0	87

#	ARTICLE	IF	CITATIONS
1085	Glucosamine induces autophagic cell death through the stimulation of ER stress in human glioma cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 111-116.	1.0	44
1086	The role of autophagy in follicular development and atresia in rat granulosa cells. <i>Fertility and Sterility</i> , 2010, 93, 2532-2537.	0.5	126
1087	An in vivo and in vitro assessment of autophagy-related gene expression in muscle of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 157, 258-266.	0.7	69
1088	Methods in Mammalian Autophagy Research. <i>Cell</i> , 2010, 140, 313-326.	13.5	3,939
1089	Mitochondria Supply Membranes for Autophagosome Biogenesis during Starvation. <i>Cell</i> , 2010, 141, 656-667.	13.5	1,200
1090	ATG12 Conjugation to ATG3 Regulates Mitochondrial Homeostasis and Cell Death. <i>Cell</i> , 2010, 142, 590-600.	13.5	241
1091	A Diacylglycerol-Dependent Signaling Pathway Contributes to Regulation of Antibacterial Autophagy. <i>Cell Host and Microbe</i> , 2010, 8, 137-146.	5.1	141
1092	Autophagy in neurodegenerative disorders: pathogenic roles and therapeutic implications. <i>Trends in Neurosciences</i> , 2010, 33, 541-549.	4.2	194
1093	Formation of autophagosomes and redistribution of LC3 upon in vitro infection with infectious salmon anemia virus. <i>Virus Research</i> , 2010, 151, 104-107.	1.1	29
1094	Identification of proteins in the ceroid-like autofluorescent aggregates from liver lysosomes of Beige, a mouse model for human Chediak-Higashi syndrome. <i>Molecular Genetics and Metabolism</i> , 2010, 99, 389-395.	0.5	3
1095	Differences in the predominance of lysosomal and autophagic pathologies between infants and adults with Pompe disease: implications for therapy. <i>Molecular Genetics and Metabolism</i> , 2010, 101, 324-331.	0.5	69
1096	Dual Role of 3-Methyladenine in Modulation of Autophagy via Different Temporal Patterns of Inhibition on Class I and III Phosphoinositide 3-Kinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 10850-10861.	1.6	942
1097	Increased ceramide accumulation correlates with downregulation of the autophagy protein ATG-7 in MCF-7 cells sensitized to photodamage. <i>Archives of Biochemistry and Biophysics</i> , 2010, 494, 101-105.	1.4	23
1098	Cigarette smoke-induced autophagy is regulated by SIRT1-PARP-1-dependent mechanism: Implication in pathogenesis of COPD. <i>Archives of Biochemistry and Biophysics</i> , 2010, 500, 203-209.	1.4	147
1099	Tti1 and Tel2 Are Critical Factors in Mammalian Target of Rapamycin Complex Assembly. <i>Journal of Biological Chemistry</i> , 2010, 285, 20109-20116.	1.6	215
1100	Pterostilbene induces autophagy and apoptosis in sensitive and chemoresistant human bladder cancer cells. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1819-1832.	1.5	75
1101	Snapin-Regulated Late Endosomal Transport Is Critical for Efficient Autophagy-Lysosomal Function in Neurons. <i>Neuron</i> , 2010, 68, 73-86.	3.8	196
1102	LC3A-Positive Light Microscopy Detected Patterns of Autophagy and Prognosis in Operable Breast Carcinomas. <i>American Journal of Pathology</i> , 2010, 176, 2477-2489.	1.9	101

#	ARTICLE	IF	CITATIONS
1103	The Absence of Interleukin-6 Enhanced Arsenite-Induced Renal Injury by Promoting Autophagy of Tubular Epithelial Cells with Aberrant Extracellular Signal-Regulated Kinase Activation. <i>American Journal of Pathology</i> , 2010, 176, 40-50.	1.9	39
1104	Autophagy Is a Renoprotective Mechanism During in Vitro Hypoxia and in Vivo Ischemia-Reperfusion Injury. <i>American Journal of Pathology</i> , 2010, 176, 1181-1192.	1.9	343
1105	Oligemic Hypoperfusion Differentially Affects Tau and Amyloid- β . <i>American Journal of Pathology</i> , 2010, 177, 300-310.	1.9	113
1106	A Highly Toxic Cellular Prion Protein Induces a Novel, Nonapoptotic Form of Neuronal Death. <i>American Journal of Pathology</i> , 2010, 176, 2695-2706.	1.9	18
1107	HSPB7 is the most potent polyQ aggregation suppressor within the HSPB family of molecular chaperones. <i>Human Molecular Genetics</i> , 2010, 19, 4677-4693.	1.4	146
1108	In vivo imaging of autophagy in a mouse stroke model. <i>Autophagy</i> , 2010, 6, 1107-1114.	4.3	101
1109	Energy Restriction as an Antitumor Target of Thiazolidinediones. <i>Journal of Biological Chemistry</i> , 2010, 285, 9780-9791.	1.6	66
1110	Caspase-mediated cleavage of Beclin-1 inactivates Beclin-1-induced autophagy and enhances apoptosis by promoting the release of proapoptotic factors from mitochondria. <i>Cell Death and Disease</i> , 2010, 1, e18-e18.	2.7	555
1111	Autophagy in Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 1209-1218.	1.4	51
1112	Laforin, the most common protein mutated in Lafora disease, regulates autophagy. <i>Human Molecular Genetics</i> , 2010, 19, 2867-2876.	1.4	170
1113	Molecular Interplay between Mammalian Target of Rapamycin (mTOR), Amyloid- β , and Tau. <i>Journal of Biological Chemistry</i> , 2010, 285, 13107-13120.	1.6	754
1114	Gemcitabine Induces the VMP1 -Mediated Autophagy Pathway to Promote Apoptotic Death in Human Pancreatic Cancer Cells. <i>Pancreatology</i> , 2010, 10, 19-26.	0.5	82
1115	Mitochondrial Autophagy Promotes Cellular Injury in Nephropathic Cystinosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 272-283.	3.0	122
1116	Autophagy induction and CHOP under-expression promotes survival of fibroblasts from rheumatoid arthritis patients under endoplasmic reticulum stress. <i>Arthritis Research and Therapy</i> , 2010, 12, R19.	1.6	102
1117	Saposin C mutations in Gaucher disease patients resulting in lysosomal lipid accumulation, saposin C deficiency, but normal prosaposin processing and sorting. <i>Human Molecular Genetics</i> , 2010, 19, 2987-2997.	1.4	89
1118	Regulation of Mammalian Autophagy in Physiology and Pathophysiology. <i>Physiological Reviews</i> , 2010, 90, 1383-1435.	13.1	1,557
1119	Short-term fasting induces profound neuronal autophagy. <i>Autophagy</i> , 2010, 6, 702-710.	4.3	243
1120	Regulation of innate immune responses by autophagy-related proteins. <i>Journal of Cell Biology</i> , 2010, 189, 925-935.	2.3	218

#	ARTICLE	IF	CITATIONS
1121	Organellar Dysfunction in the Pathogenesis of Pancreatitis. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2699-2710.	2.5	67
1122	The autophagy-inducing drug carbamazepine is a radiation protector and mitigator. <i>International Journal of Radiation Biology</i> , 2011, 87, 1052-1060.	1.0	29
1123	Expression of autophagy-related genes in the anterior silk gland of the silkworm (<i>Bombyx mori</i>) during metamorphosis. <i>Canadian Journal of Zoology</i> , 2011, 89, 1019-1026.	0.4	15
1124	Dissociation of the vacuolar and macroautophagic cytopathology from the cytotoxicity induced by the lipophilic local anesthetic bupivacaine. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011, 89, 505-512.	0.7	6
1125	The Development of an Immunohistochemical Method to Detect the Autophagy-Associated Protein LC3-II in Human Tumor Xenografts. <i>Toxicologic Pathology</i> , 2011, 39, 516-523.	0.9	49
1126	The multiple roles of autophagy in cancer. <i>Carcinogenesis</i> , 2011, 32, 955-963.	1.3	262
1127	Kinetics Comparisons of Mammalian Atg4 Homologues Indicate Selective Preferences toward Diverse Atg8 Substrates. <i>Journal of Biological Chemistry</i> , 2011, 286, 7327-7338.	1.6	201
1128	Cadmium-Induced Autophagy in Rat Kidney: An Early Biomarker of Subtoxic Exposure. <i>Toxicological Sciences</i> , 2011, 121, 31-42.	1.4	135
1129	Autophagosome Formation and Molecular Mechanism of Autophagy. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2201-2214.	2.5	401
1130	The Role of Autophagy in Alpha-1-Antitrypsin Deficiency. <i>Methods in Enzymology</i> , 2011, 499, 33-54.	0.4	16
1131	Inhibitory ITAM Signaling Traps Activating Receptors with the Phosphatase SHP-1 to Form Polarized α -Inhibisome Clusters. <i>Science Signaling</i> , 2011, 4, ra24.	1.6	67
1132	Role of ROS in the protective effect of silibinin on sodium nitroprusside-induced apoptosis in rat pheochromocytoma PC12 cells. <i>Free Radical Research</i> , 2011, 45, 835-847.	1.5	33
1133	Autophagy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1237-1246.	2.5	62
1134	Silibinin activated ROS \rightarrow p38 \rightarrow NF- κ B positive feedback and induced autophagic death in human fibrosarcoma HT1080 cells. <i>Journal of Asian Natural Products Research</i> , 2011, 13, 27-35.	0.7	22
1135	Autophagy Signaling Through Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2215-2231.	2.5	209
1136	Organelle Membrane Proteomics Reveals Differential Influence of Mycobacterial Lipoglycans on Macrophage Phagosome Maturation and Autophagosome Accumulation. <i>Journal of Proteome Research</i> , 2011, 10, 339-348.	1.8	62
1137	Autophagic Activity and Aging in Human Odontoblasts. <i>Journal of Dental Research</i> , 2011, 90, 523-528.	2.5	51
1138	A functionalized single-walled carbon nanotube-induced autophagic cell death in human lung cells through Akt \rightarrow TSC2-mTOR signaling. <i>Cell Death and Disease</i> , 2011, 2, e159-e159.	2.7	168

#	ARTICLE	IF	CITATIONS
1139	The emerging role of autophagy in alcoholic liver disease. <i>Experimental Biology and Medicine</i> , 2011, 236, 546-556.	1.1	109
1140	Kinetic studies of the effects of Temodal and quercetin on astrocytoma cells. <i>Pharmacological Reports</i> , 2011, 63, 403-416.	1.5	21
1141	Dengue Virus and Autophagy. <i>Viruses</i> , 2011, 3, 1332-1341.	1.5	124
1142	Autophagy in rat annulus fibrosus cells: evidence and possible implications. <i>Arthritis Research and Therapy</i> , 2011, 13, R132.	1.6	92
1143	Autophagy in the intestinal epithelium reduces endotoxin-induced inflammatory responses by inhibiting NF- κ B activation. <i>Archives of Biochemistry and Biophysics</i> , 2011, 506, 223-235.	1.4	79
1144	Apoptosis-Like Cell Death Induction and Aberrant Fibroblast Properties in Human Incisional Hernia Fascia. <i>American Journal of Pathology</i> , 2011, 178, 2641-2653.	1.9	15
1145	Heat Shock Protein 72 Enhances Autophagy as a Protective Mechanism in Lipopolysaccharide-Induced Peritonitis in Rats. <i>American Journal of Pathology</i> , 2011, 179, 2822-2834.	1.9	49
1146	Alterations of autophagicâ€“lysosomal system in the peripheral leukocytes of patients with myocardial infarction. <i>Clinica Chimica Acta</i> , 2011, 412, 1567-1571.	0.5	9
1147	RalB and the Exocyst Mediate the Cellular Starvation Response by Direct Activation of Autophagosome Assembly. <i>Cell</i> , 2011, 144, 253-267.	13.5	285
1148	Identification of Aneuploidy-Selective Antiproliferation Compounds. <i>Cell</i> , 2011, 144, 499-512.	13.5	305
1149	Autophagosome Precursor Maturation Requires Homotypic Fusion. <i>Cell</i> , 2011, 146, 303-317.	13.5	341
1150	Autophagy Regulates Cholesterol Efflux from Macrophage Foam Cells via Lysosomal Acid Lipase. <i>Cell Metabolism</i> , 2011, 13, 655-667.	7.2	611
1151	Bfl-1/A1 acts as a negative regulator of autophagy in mycobacteria infected macrophages. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 573-585.	1.2	34
1152	Microtubule and kinesin/dynein-dependent, bi-directional transport of autolysosomes in neurites of PC12 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1147-1156.	1.2	16
1153	Ginsenoside Rh2 induces apoptosis and paraptosis-like cell death in colorectal cancer cells through activation of p53. <i>Cancer Letters</i> , 2011, 301, 185-192.	3.2	212
1154	Induction of autophagy-dependent apoptosis by the survivin suppressant YM155 in prostate cancer cells. <i>Cancer Letters</i> , 2011, 302, 29-36.	3.2	75
1155	Autophagy inhibition promotes paclitaxel-induced apoptosis in cancer cells. <i>Cancer Letters</i> , 2011, 307, 141-148.	3.2	168
1156	Induction of apoptotic cell death via accumulation of autophagosomes in rat granulosa cells. <i>Fertility and Sterility</i> , 2011, 95, 1482-1486.	0.5	103

#	ARTICLE	IF	CITATIONS
1157	p53 and autophagy in cancer: Guardian of the genome meets guardian of the proteome. <i>European Journal of Cancer</i> , 2011, 47, 44-50.	1.3	103
1158	Beta2-adrenergic receptor regulates cardiac fibroblast autophagy and collagen degradation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 23-31.	1.8	116
1159	Lung autophagic response following exposure of mice to whole body irradiation, with and without amifostine. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 552-558.	1.0	9
1160	Sphingolipid synthesis is involved in autophagy in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 786-791.	1.0	46
1161	Are mitochondrial reactive oxygen species required for autophagy?. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 55-60.	1.0	17
1162	The tricyclic antidepressant imipramine induces autophagic cell death in U-87MG glioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 311-317.	1.0	90
1163	Single bout of running exercise changes LC3-II expression in rat cardiac muscle. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 756-760.	1.0	55
1164	Hepatitis B virus X protein reduces starvation-induced cell death through activation of autophagy and inhibition of mitochondrial apoptotic pathway. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 68-74.	1.0	36
1165	Autophagy machinery mediates macroendocytic processing and entotic cell death by targeting single membranes. <i>Nature Cell Biology</i> , 2011, 13, 1335-1343.	4.6	376
1166	The dynamic nature of autophagy in cancer. <i>Genes and Development</i> , 2011, 25, 1999-2010.	2.7	504
1167	Autophagy as a target for anticancer therapy. <i>Nature Reviews Clinical Oncology</i> , 2011, 8, 528-539.	12.5	709
1168	Resveratrol-mediated autophagy requires WIPI-1-regulated LC3 lipidation in the absence of induced phagophore formation. <i>Autophagy</i> , 2011, 7, 1448-1461.	4.3	103
1169	Picornavirus Subversion of the Autophagy Pathway. <i>Viruses</i> , 2011, 3, 1549-1561.	1.5	25
1170	Complex Inhibitory Effects of Nitric Oxide on Autophagy. <i>Molecular Cell</i> , 2011, 43, 19-32.	4.5	340
1171	The accumulation of neurotoxic proteins, induced by proteasome inhibition, is reverted by trehalose, an enhancer of autophagy, in human neuroblastoma cells. <i>Neurochemistry International</i> , 2011, 58, 512-520.	1.9	100
1172	In vivo 6-OHDA-induced neurodegeneration and nigral autophagic markers expression. <i>Neurochemistry International</i> , 2011, 58, 521-526.	1.9	31
1173	IGF-I stimulates Rab7-RILP interaction during neuronal autophagy. <i>Neuroscience Letters</i> , 2011, 488, 112-117.	1.0	39
1174	Combination of N-(4-hydroxyphenyl) retinamide and apigenin suppressed starvation-induced autophagy and promoted apoptosis in malignant neuroblastoma cells. <i>Neuroscience Letters</i> , 2011, 502, 24-29.	1.0	43

#	ARTICLE	IF	CITATIONS
1175	The neuroprotective effect of modified Yeoldahanso-tang via autophagy enhancement in models of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2011, 134, 313-322.	2.0	59
1176	Characterization of the Interaction of GABARAPL-1 with the LIR Motif of NBR1. <i>Journal of Molecular Biology</i> , 2011, 410, 477-487.	2.0	86
1177	Coordination of Autophagy and the Proteasome in Resolving Endoplasmic Reticulum Stress. <i>Veterinary Pathology</i> , 2011, 48, 245-253.	0.8	22
1178	Endoplasmic reticulum stress induces autophagy through activation of p38 MAPK in fibroblasts from Pompe disease patients carrying c.546G>T mutation. <i>Molecular Genetics and Metabolism</i> , 2011, 104, 566-573.	0.5	39
1179	para-Phenylenediamine-induced autophagy in human uroepithelial cell line mediated mutant p53 and activation of ERK signaling pathway. <i>Toxicology in Vitro</i> , 2011, 25, 1630-1637.	1.1	14
1180	Protein degradation – an alternative respiratory substrate for stressed plants. <i>Trends in Plant Science</i> , 2011, 16, 489-498.	4.3	367
1181	High Mobility Group Box 1 (HMGB1) Activates an Autophagic Response to Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2185-2195.	2.5	118
1182	Spermidine and resveratrol induce autophagy by distinct pathways converging on the acetylproteome. <i>Journal of Cell Biology</i> , 2011, 192, 615-629.	2.3	439
1183	Atg1-mediated myosin II activation regulates autophagosome formation during starvation-induced autophagy. <i>EMBO Journal</i> , 2011, 30, 636-651.	3.5	139
1184	Atg8: an autophagy-related ubiquitin-like protein family. <i>Genome Biology</i> , 2011, 12, 226.	13.9	434
1185	Rab5 and Class III Phosphoinositide 3-Kinase Vps34 Are Involved in Hepatitis C Virus NS4B-Induced Autophagy. <i>Journal of Virology</i> , 2011, 85, 10561-10571.	1.5	136
1186	Metabolic Specialization of Mouse Embryonic Stem Cells. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2011, 76, 183-193.	2.0	31
1187	Targeted killing of a mammalian cell based upon its specialized metabolic state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15828-15833.	3.3	53
1188	Gold Nanoparticles Induce Autophagosome Accumulation through Size-Dependent Nanoparticle Uptake and Lysosome Impairment. <i>ACS Nano</i> , 2011, 5, 8629-8639.	7.3	543
1189	Spatial Coupling of mTOR and Autophagy Augments Secretory Phenotypes. <i>Science</i> , 2011, 332, 966-970.	6.0	469
1190	Functional Macroautophagy Induction by Influenza A Virus without a Contribution to Major Histocompatibility Complex Class II-Restricted Presentation. <i>Journal of Virology</i> , 2011, 85, 6453-6463.	1.5	59
1191	Presenilin Is Necessary for Efficient Proteolysis through the Autophagy-Lysosome System in a β -Secretase-Independent Manner. <i>Journal of Neuroscience</i> , 2011, 31, 2781-2791.	1.7	133
1192	Autophagy contributes to resistance of tumor cells to ionizing radiation. <i>Radiotherapy and Oncology</i> , 2011, 99, 287-292.	0.3	227

#	ARTICLE	IF	CITATIONS
1193	Biosensors for Monitoring Autophagy. , 0, , .		1
1194	Protection from Lethal Cell Death in Cecal Ligation and Puncture-Induced Sepsis Mouse Model by In Vivo Delivery of FADD siRNA. , 0, , .		0
1195	Differential Effects of Rapamycin on Rods and Cones During Light-Induced Stress in Albino Mice. , 2011, 52, 2967.		43
1196	Autophagy: A Primer for the Gastroenterologist/Hepatologist. Canadian Journal of Gastroenterology & Hepatology, 2011, 25, 667-674.	1.8	10
1197	Involvement of ROS in Curcumin-induced Autophagic Cell Death. Korean Journal of Physiology and Pharmacology, 2011, 15, 1.	0.6	125
1198	Unconventional Use of LC3 by Coronaviruses through the Alleged Subversion of the ERAD Tuning Pathway. Viruses, 2011, 3, 1610-1623.	1.5	21
1199	Bacillus sphaericus Binary Toxin Elicits Host Cell Autophagy as a Response to Intoxication. PLoS ONE, 2011, 6, e14682.	1.1	47
1200	Inflammasome-Independent Modulation of Cytokine Response by Autophagy in Human Cells. PLoS ONE, 2011, 6, e18666.	1.1	182
1201	Autophagy Interplay with Apoptosis and Cell Cycle Regulation in the Growth Inhibiting Effect of Resveratrol in Glioma Cells. PLoS ONE, 2011, 6, e20849.	1.1	144
1202	c-Rel Deficiency Increases Caspase-4 Expression and Leads to ER Stress and Necrosis in EBV-Transformed Cells. PLoS ONE, 2011, 6, e25467.	1.1	5
1203	Selective Cytotoxicity against Human Osteosarcoma Cells by a Novel Synthetic C-1 Analogue of 7-Deoxypancratistatin Is Potentiated by Curcumin. PLoS ONE, 2011, 6, e28780.	1.1	31
1204	Induction of Autophagy and Autophagic Cell Death in Damaged Neural Tissue After Acute Spinal Cord Injury in Mice. Spine, 2011, 36, E1427-E1434.	1.0	116
1205	LC3A-Positive "Stone-Like" Structures in Cutaneous Squamous Cell Carcinomas. American Journal of Dermatopathology, 2011, 33, 285-290.	0.3	31
1206	Spatial Distribution of Nerve Fiber Pathology and Vasculitis in Microscopic Polyangiitis-Associated Neuropathy. Journal of Neuropathology and Experimental Neurology, 2011, 70, 340-348.	0.9	35
1207	Protective role of autophagy in AGE-induced early injury of human vascular endothelial cells. Molecular Medicine Reports, 2011, 4, 459-64.	1.1	81
1208	Kill one bird with two stones: potential efficacy of BCR-ABL and autophagy inhibition in CML. Blood, 2011, 118, 2035-2043.	0.6	106
1209	FTY720 increases CD74 expression and sensitizes mantle cell lymphoma cells to milatuzumab-mediated cell death. Blood, 2011, 118, 6893-6903.	0.6	46
1210	JS-K, a nitric oxide-releasing prodrug, induces breast cancer cell death while sparing normal mammary epithelial cells. International Journal of Oncology, 2011, 38, 963-71.	1.4	26

#	ARTICLE	IF	CITATIONS
1211	The .BETA.-Carboline Alkaloid Harmol Induces Cell Death via Autophagy but Not Apoptosis in Human Non-small Cell Lung Cancer A549 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1264-1272.	0.6	45
1212	Vitamin K3 Attenuates Cerulein-Induced Acute Pancreatitis Through Inhibition of the Autophagic Pathway. <i>Pancreas</i> , 2011, 40, 84-94.	0.5	27
1213	Metabolic Profiling of Hypoxic Cells Revealed a Catabolic Signature Required for Cell Survival. <i>PLoS ONE</i> , 2011, 6, e24411.	1.1	150
1214	Blocking NF- κ B nuclear translocation leads to p53-related autophagy activation and cell apoptosis. <i>World Journal of Gastroenterology</i> , 2011, 17, 478.	1.4	50
1216	Pathophysiological Role of Autophagy: Lesson from Autophagy-Deficient Mouse Models. <i>Experimental Animals</i> , 2011, 60, 329-345.	0.7	40
1217	TNF α -Induced Necroptosis and Autophagy via Suppression of the p38 α -NF- κ B Survival Pathway in L929 Cells. <i>Journal of Pharmacological Sciences</i> , 2011, 117, 160-169.	1.1	76
1218	Autophagy Is Constitutively Active in Normal Mouse Sino-Atrial Nodal Cells. <i>Acta Histochemica Et Cytochemica</i> , 2011, 44, 223-231.	0.8	4
1219	Silibinin Activated p53 and Induced Autophagic Death in Human Fibrosarcoma HT1080 Cells via Reactive Oxygen Species-p38 and c-Jun N-Terminal Kinase Pathways. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 47-53.	0.6	70
1220	Mycobacterium marinum induces a marked LC3 recruitment to its containing phagosome that depends on a functional ESX-1 secretion system. <i>Cellular Microbiology</i> , 2011, 13, 814-835.	1.1	78
1221	Secreted autotransporter toxin (Sat) triggers autophagy in epithelial cells that relies on cell detachment. <i>Cellular Microbiology</i> , 2011, 13, 992-1013.	1.1	34
1222	Granulovacuolar degeneration (GVD) bodies of Alzheimer's disease (AD) resemble late-stage autophagic organelles. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 295-306.	1.8	92
1223	Autophagy basics. <i>Microbiology and Immunology</i> , 2011, 55, 1-11.	0.7	206
1224	Relative down-regulation of apoptosis and autophagy genes in colorectal cancer. <i>European Journal of Clinical Investigation</i> , 2011, 41, 84-92.	1.7	14
1225	Autophagy as a mechanism for myolysis of cardiomyocytes in mitral regurgitation. <i>European Journal of Clinical Investigation</i> , 2011, 41, 299-307.	1.7	25
1226	Decreased gene expression of LC3 in peripheral leucocytes of patients with coronary artery disease. <i>European Journal of Clinical Investigation</i> , 2011, 41, 958-963.	1.7	18
1227	Induction of autophagy with catalytic mTOR inhibitors reduces huntingtin aggregates in a neuronal cell model. <i>Journal of Neurochemistry</i> , 2011, 119, 398-407.	2.1	85
1228	Inhibition of autophagy may suppress the development of hepatoblastoma. <i>FEBS Journal</i> , 2011, 278, 4811-4823.	2.2	18
1229	Analysis of autophagy in <i>Aspergillus oryzae</i> by disruption of <i> Aoatg13</i> , <i> Aoatg4</i> , and <i> Aoatg15</i> genes. <i>FEMS Microbiology Letters</i> , 2011, 316, 61-69.	0.7	32

#	ARTICLE	IF	CITATIONS
1230	Melatonin protects against apoptotic and autophagic cell death in C2C12 murine myoblast cells. <i>Journal of Pineal Research</i> , 2011, 50, 241-249.	3.4	35
1231	Aminopeptidase-Resistant Peptides Are Targeted to Lysosomes and Subsequently Degraded. <i>Traffic</i> , 2011, 12, 1897-1910.	1.3	4
1232	Preferential skeletal muscle myosin loss in response to mechanical silencing in a novel rat intensive care unit model: underlying mechanisms. <i>Journal of Physiology</i> , 2011, 589, 2007-2026.	1.3	112
1233	Restoration of the immunogenicity of cisplatin-induced cancer cell death by endoplasmic reticulum stress. <i>Oncogene</i> , 2011, 30, 1147-1158.	2.6	340
1234	BH3 mimetics activate multiple pro-autophagic pathways. <i>Oncogene</i> , 2011, 30, 3918-3929.	2.6	111
1235	Association and dissociation of autophagy, apoptosis and necrosis by systematic chemical study. <i>Oncogene</i> , 2011, 30, 4544-4556.	2.6	152
1236	Antiproliferative and proapoptotic activity of GUT-70 mediated through potent inhibition of Hsp90 in mantle cell lymphoma. <i>British Journal of Cancer</i> , 2011, 104, 91-100.	2.9	22
1237	Fibronectin Growth Factor-Binding Domains Are Required for Fibroblast Survival. <i>Journal of Investigative Dermatology</i> , 2011, 131, 84-98.	0.3	61
1238	Salvianolic acid B inhibits autophagy and protects starving cardiac myocytes. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 38-44.	2.8	23
1239	Sphingosine-1-phosphate phosphohydrolase-1 regulates ER stress-induced autophagy. <i>Cell Death and Differentiation</i> , 2011, 18, 350-361.	5.0	119
1240	Downregulation of autophagy by Bcl-2 promotes MCF7 breast cancer cell growth independent of its inhibition of apoptosis. <i>Cell Death and Differentiation</i> , 2011, 18, 452-464.	5.0	55
1241	Bnip3 impairs mitochondrial bioenergetics and stimulates mitochondrial turnover. <i>Cell Death and Differentiation</i> , 2011, 18, 721-731.	5.0	216
1242	Autophagy in <i>Drosophila</i> ovaries is induced by starvation and is required for oogenesis. <i>Cell Death and Differentiation</i> , 2011, 18, 915-924.	5.0	147
1243	Upregulation of human autophagy-initiation kinase ULK1 by tumor suppressor p53 contributes to DNA-damage-induced cell death. <i>Cell Death and Differentiation</i> , 2011, 18, 1598-1607.	5.0	167
1244	Novel therapeutic strategies in multiple myeloma: role of the heat shock protein inhibitors. <i>European Journal of Haematology</i> , 2011, 86, 93-110.	1.1	42
1245	Dihydrotychamol A, a macrocyclic bisbibenzyl derivative, induces autophagy and following apoptosis associated with p53 pathway in human osteosarcoma U2OS cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 251, 146-154.	1.3	39
1246	5-Methoxyflavanone induces cell cycle arrest at the G2/M phase, apoptosis and autophagy in HCT116 human colon cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 288-298.	1.3	33
1247	Cadmium induces autophagy through ROS-dependent activation of the LKB1-AMPK signaling in skin epidermal cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 287-296.	1.3	119

#	ARTICLE	IF	CITATIONS
1248	Manganese nanoparticle activates mitochondrial dependent apoptotic signaling and autophagy in dopaminergic neuronal cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 256, 227-240.	1.3	121
1249	2,3,7,8-Tetrachlorodibenzo-p-dioxin induced autophagy in a bovine kidney cell line. <i>Toxicology</i> , 2011, 290, 258-270.	2.0	33
1250	IL-10 inhibits the starvation induced autophagy in macrophages via class I phosphatidylinositol 3-kinase (PI3K) pathway. <i>Molecular Immunology</i> , 2011, 48, 720-727.	1.0	120
1251	DNA damage and autophagy. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 711, 158-166.	0.4	159
1252	Alteration of autophagosomal proteins (LC3, GABARAP and GATE-16) in Lewy body disease. <i>Neurobiology of Disease</i> , 2011, 43, 690-697.	2.1	102
1253	Adenoviruses induce autophagy to promote virus replication and oncolysis. <i>Virology</i> , 2011, 416, 9-15.	1.1	104
1254	Role and regulation of autophagy in the development of acinar structures formed by bovine BME-UV1 mammary epithelial cells. <i>European Journal of Cell Biology</i> , 2011, 90, 854-864.	1.6	32
1255	Mechanism of autophagy induction and role of autophagy in antagonizing mitomycin C-induced cell apoptosis in silibinin treated human melanoma A375-S2 cells. <i>European Journal of Pharmacology</i> , 2011, 659, 7-14.	1.7	23
1256	Bradykinin B2 receptor-mediated transport into intact cells: Anti-receptor antibody-based cargoes. <i>European Journal of Pharmacology</i> , 2011, 668, 107-114.	1.7	12
1257	Autophagy is induced by 3Î²-O-succinyl-lupeol (LD9-4) in A549 cells via up-regulation of Beclin 1 and down-regulation mTOR pathway. <i>European Journal of Pharmacology</i> , 2011, 670, 29-38.	1.7	24
1258	Curcumin enhanced adriamycin-induced human liver-derived Hepatoma G2 cell death through activation of mitochondria-mediated apoptosis and autophagy. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 43, 125-131.	1.9	84
1259	Cell sensitivity to oxidative stress is influenced by ferritin autophagy. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1647-1658.	1.3	65
1260	Lysosomal thiol reductase negatively regulates autophagy by altering glutathione synthesis and oxidation. <i>Free Radical Biology and Medicine</i> , 2011, 51, 688-699.	1.3	64
1261	Bufalin induces autophagy-mediated cell death in human colon cancer cells through reactive oxygen species generation and JNK activation. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1365-1375.	1.3	220
1262	Combination of arsenic trioxide and BCNU synergistically triggers redox-mediated autophagic cell death in human solid tumors. <i>Free Radical Biology and Medicine</i> , 2011, 51, 2195-2209.	1.3	18
1263	Mitophagy and Parkinson's disease: The PINK1 "parkin link. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 623-633.	1.9	176
1264	Involvement of caspase-9 in autophagy-mediated cell survival pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 80-90.	1.9	58
1265	NF-kappaB inhibition improves the sensitivity of human glioblastoma cells to 5-aminolevulinic acid-based photodynamic therapy. <i>Biochemical Pharmacology</i> , 2011, 81, 606-616.	2.0	77

#	ARTICLE	IF	CITATIONS
1266	Sulindac sulfide induces autophagic death in gastric epithelial cells via Survivin down-regulation: A mechanism of NSAIDs-induced gastric injury. <i>Biochemical Pharmacology</i> , 2011, 81, 1317-1323.	2.0	25
1267	Cytotoxicity and cell death mechanisms induced by the polyamine-vectorized anti-cancer drug F14512 targeting topoisomerase II. <i>Biochemical Pharmacology</i> , 2011, 82, 1843-1852.	2.0	32
1268	Knockdown of the DNA-dependent protein kinase catalytic subunit radiosensitizes glioma-initiating cells by inducing autophagy. <i>Brain Research</i> , 2011, 1371, 7-15.	1.1	60
1269	Thrombin-induced autophagy: A potential role in intracerebral hemorrhage. <i>Brain Research</i> , 2011, 1424, 60-66.	1.1	47
1270	Defective Regulation of Autophagy upon Leucine Deprivation Reveals a Targetable Liability of Human Melanoma Cells In Vitro and In Vivo. <i>Cancer Cell</i> , 2011, 19, 613-628.	7.7	203
1271	Oncogene-Targeting T Cells Reject Large Tumors while Oncogene Inactivation Selects Escape Variants in Mouse Models of Cancer. <i>Cancer Cell</i> , 2011, 20, 755-767.	7.7	40
1272	ERAD and ERAD tuning: disposal of cargo and of ERAD regulators from the mammalian ER. <i>Current Opinion in Cell Biology</i> , 2011, 23, 176-183.	2.6	115
1273	Ubiquitination-mediated autophagy against invading bacteria. <i>Current Opinion in Cell Biology</i> , 2011, 23, 492-497.	2.6	44
1274	A Sensitive and Quantitative Technique for Detecting Autophagic Events Based on Lysosomal Delivery. <i>Chemistry and Biology</i> , 2011, 18, 1042-1052.	6.2	507
1275	Mitophagy Selectively Degrades Individual Damaged Mitochondria After Photoirradiation. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1919-1928.	2.5	166
1276	Autophagy patterns and prognosis in uveal melanomas. <i>Modern Pathology</i> , 2011, 24, 1036-1045.	2.9	46
1277	Modulation of autophagy influences development and apoptosis in mouse embryos developing in vitro. <i>Molecular Reproduction and Development</i> , 2011, 78, 498-509.	1.0	30
1278	The Role of Atg Proteins in Autophagosome Formation. <i>Annual Review of Cell and Developmental Biology</i> , 2011, 27, 107-132.	4.0	2,587
1279	p65/RelA-Ser529 NF- κ B Subunit Phosphorylation Induces Autophagic Astroglial Death (Clasmatodendrosis) Following Status Epilepticus. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 1071-1078.	1.7	49
1280	Crosstalk between autophagy and apoptosis in the regulation of paclitaxel-induced cell death in v-Ha-ras-transformed fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2011, 348, 61-68.	1.4	70
1281	Autophagic-lysosomal pathway functions in the masseter and tongue muscles in the klotho mouse, a mouse model for aging. <i>Molecular and Cellular Biochemistry</i> , 2011, 348, 89-98.	1.4	34
1282	Immunohistochemical localization of autophagosomal membrane-associated protein LC3 in granular cell tumor and schwannoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011, 459, 315-319.	1.4	27
1283	Implications of autophagy for glomerular aging and disease. <i>Cell and Tissue Research</i> , 2011, 343, 467-473.	1.5	45

#	ARTICLE	IF	CITATIONS
1284	Apoptosis induced by overall metabolic stress converges on the Bcl-2 family proteins Noxa and Mcl-1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 708-721.	2.2	52
1285	The role of autophagy in genetic pathways influencing ageing. <i>Biogerontology</i> , 2011, 12, 377-386.	2.0	16
1286	Autophagy suppression promotes apoptotic cell death in response to inhibition of the PI3K/mTOR pathway in pancreatic adenocarcinoma. <i>Journal of Molecular Medicine</i> , 2011, 89, 877-889.	1.7	90
1287	Rapamycin suppresses ROS-dependent apoptosis caused by selenomethionine in A549 lung carcinoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 67, 1129-1136.	1.1	28
1288	Autophagic activity in cortical neurons under acute oxidative stress directly contributes to cell death. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3725-3740.	2.4	44
1289	Autophagy is induced by the type III secretion system of <i>Vibrio alginolyticus</i> in several mammalian cell lines. <i>Archives of Microbiology</i> , 2011, 193, 53-61.	1.0	33
1290	Acute Phase Expression Pattern of ZnTs, LC3, and Beclin-1 in Rat Hippocampus and Its Regulation by 3-Methyladenine Following Recurrent Neonatal Seizures. <i>Biological Trace Element Research</i> , 2011, 143, 320-331.	1.9	12
1291	Inhibition of autophagy by 3-MA potentiates cisplatin-induced apoptosis in esophageal squamous cell carcinoma cells. <i>Medical Oncology</i> , 2011, 28, 105-111.	1.2	210
1292	Roles of autophagy in pancreatic β -cell function and type 2 diabetes. <i>Diabetology International</i> , 2011, 2, 1-9.	0.7	8
1293	c-Jun NH2-terminal kinase activation is essential for up-regulation of LC3 during ceramide-induced autophagy in human nasopharyngeal carcinoma cells. <i>Journal of Translational Medicine</i> , 2011, 9, 161.	1.8	66
1294	The docking protein p130Cas regulates cell sensitivity to proteasome inhibition. <i>BMC Biology</i> , 2011, 9, 73.	1.7	11
1295	Chikungunya triggers an autophagic process which promotes viral replication. <i>Virology Journal</i> , 2011, 8, 432.	1.4	95
1296	Autophagy Impairment in a Mouse Model of Neuropathic Pain. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-83.	1.0	71
1297	MiR-204 regulates cardiomyocyte autophagy induced by ischemia-reperfusion through LC3-II. <i>Journal of Biomedical Science</i> , 2011, 18, 35.	2.6	148
1298	Amlodipine and atorvastatin exert protective and additive effects via antiapoptotic and antiautophagic mechanisms after transient middle cerebral artery occlusion in Zucker metabolic syndrome rats. <i>Journal of Neuroscience Research</i> , 2011, 89, 1228-1234.	1.3	19
1299	Tetrahydrocurcumin, a major metabolite of curcumin, induced autophagic cell death through coordinative modulation of PI3K/Akt/mTOR and MAPK signaling pathways in human leukemia HL60 cells. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1646-1654.	1.5	93
1300	Compromising mitochondrial function with the antiretroviral drug efavirenz induces cell survival-promoting autophagy. <i>Hepatology</i> , 2011, 54, 1009-1019.	3.6	83
1301	Autophagy-mediated chemosensitization by cysteamine in cancer cells. <i>International Journal of Cancer</i> , 2011, 129, 1087-1095.	2.3	38

#	ARTICLE	IF	CITATIONS
1302	Induction of autophagy promotes differentiation of glioma-initiating cells and their radiosensitivity. <i>International Journal of Cancer</i> , 2011, 129, 2720-2731.	2.3	153
1303	Peroxisome degradation in mammals. <i>IUBMB Life</i> , 2011, 63, 1001-1008.	1.5	15
1304	D-galactose induces necroptotic cell death in neuroblastoma cell lines. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 3834-3844.	1.2	55
1306	Protein Chemical Synthesis by Ligation of Peptide Hydrazides. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7645-7649.	7.2	613
1307	The role of TRAIL in mediating autophagy in myositis skeletal muscle: A potential nonimmune mechanism of muscle damage. <i>Arthritis and Rheumatism</i> , 2011, 63, 3448-3457.	6.7	30
1308	Autophagy and apoptosis of recombinant Chinese hamster ovary cells during fed-batch culture: Effect of nutrient supplementation. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2182-2192.	1.7	33
1309	Effects of lunar and mars dust simulants on HaCaT keratinocytes and CHO-K1 fibroblasts. <i>Advances in Space Research</i> , 2011, 47, 1200-1213.	1.2	22
1310	Autophagy in acute brain injury: Feast, famine, or folly?. <i>Neurobiology of Disease</i> , 2011, 43, 52-59.	2.1	86
1311	Deficiency of hepatocystin induces autophagy through an mTOR-dependent pathway. <i>Autophagy</i> , 2011, 7, 748-759.	4.3	25
1312	MLCK regulates Schwann cell cytoskeletal organization, differentiation and myelination. <i>Journal of Cell Science</i> , 2011, 124, 3784-3796.	1.2	31
1313	Autophagy process is associated with anti-neoplastic function. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 425-432.	0.9	25
1314	The role of autophagy emerging in postinfarction cardiac remodelling. <i>Cardiovascular Research</i> , 2011, 91, 330-339.	1.8	187
1315	Calpain-mediated cleavage of Beclin-1 and autophagy deregulation following retinal ischemic injury in vivo. <i>Cell Death and Disease</i> , 2011, 2, e144-e144.	2.7	161
1316	The cyclin-dependent kinase PITSLRE/CDK11 is required for successful autophagy. <i>Autophagy</i> , 2011, 7, 1295-1301.	4.3	31
1317	Autophagy modulation for cancer therapy. <i>Cancer Biology and Therapy</i> , 2011, 11, 169-176.	1.5	130
1318	Sorafenib Enhances Pemetrexed Cytotoxicity through an Autophagy-Dependent Mechanism in Cancer Cells. <i>Cancer Research</i> , 2011, 71, 4955-4967.	0.4	89
1319	Autophagy up-regulation by early weaning in the liver, spleen and skeletal muscle of piglets. <i>British Journal of Nutrition</i> , 2011, 106, 213-217.	1.2	9
1320	Atg13 and FIP200 act independently of Ulk1 and Ulk2 in autophagy induction. <i>Autophagy</i> , 2011, 7, 1424-1433.	4.3	117

#	ARTICLE	IF	CITATIONS
1321	Autophagic Protein LC3B Confers Resistance against Hypoxia-induced Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 649-658.	2.5	186
1322	Chemosensitization by phenothiazines in human lung cancer cells: impaired resolution of γ H2AX and increased oxidative stress elicit apoptosis associated with lysosomal expansion and intense vacuolation. <i>Cell Death and Disease</i> , 2011, 2, e181-e181.	2.7	32
1323	A quantitative assay for the monitoring of autophagosome accumulation in different phases of the cell cycle. <i>Autophagy</i> , 2011, 7, 83-90.	4.3	65
1324	Regulation of Autophagy in the Heart: "You Only Live Twice", <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2245-2250.	2.5	20
1325	Retinoic Acid Induces Autophagosome Maturation Through Redistribution of the Cation-Independent Mannose-6-Phosphate Receptor. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2165-2177.	2.5	30
1326	PARP and RIP 1 are required for autophagy induced by 11'-deoxyverticillin A, which precedes caspase-dependent apoptosis. <i>Autophagy</i> , 2011, 7, 598-612.	4.3	117
1327	ChChd3, an Inner Mitochondrial Membrane Protein, Is Essential for Maintaining Crista Integrity and Mitochondrial Function. <i>Journal of Biological Chemistry</i> , 2011, 286, 2918-2932.	1.6	263
1328	Mitochondrial autophagy by Bnip3 involves Drp1-mediated mitochondrial fission and recruitment of Parkin in cardiac myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H1924-H1931.	1.5	323
1329	Oncogenic B-RAF Signaling in Melanoma Impairs the Therapeutic Advantage of Autophagy Inhibition. <i>Clinical Cancer Research</i> , 2011, 17, 2216-2226.	3.2	61
1330	Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Regulates Autophagy in Cultured Astrocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 27875-27881.	1.6	109
1331	Inhibition of Autophagosome Formation by the Benzoporphyrin Derivative Verteporfin. <i>Journal of Biological Chemistry</i> , 2011, 286, 7290-7300.	1.6	116
1332	Characterization of macroautophagic flux in vivo using a leupeptin-based assay. <i>Autophagy</i> , 2011, 7, 629-642.	4.3	137
1333	Autophagosomal β -Degradation Plays a Role in the Long Term Control of Tumor Necrosis Factor- α -induced Nuclear Factor- κ B (NF- κ B) Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 22886-22893.	1.6	57
1334	Overexpression of the autophagic beclin-1 protein clears mutant ataxin-3 and alleviates Machado-Joseph disease. <i>Brain</i> , 2011, 134, 1400-1415.	3.7	171
1335	Autophagy Is Increased in Postmortem Brains of Persons With HIV-1-Associated Encephalitis. <i>Journal of Infectious Diseases</i> , 2011, 203, 1647-1657.	1.9	91
1336	Liver autophagy contributes to the maintenance of blood glucose and amino acid levels. <i>Autophagy</i> , 2011, 7, 727-736.	4.3	233
1337	Vitamin D Is Required for IFN- γ -Mediated Antimicrobial Activity of Human Macrophages. <i>Science Translational Medicine</i> , 2011, 3, 104ra102.	5.8	442
1338	Autophagy: a pathway that contributes to connexin degradation. <i>Journal of Cell Science</i> , 2011, 124, 910-920.	1.2	115

#	ARTICLE	IF	CITATIONS
1339	Subversion of Cellular Autophagy Machinery by Hepatitis B Virus for Viral Envelopment. <i>Journal of Virology</i> , 2011, 85, 6319-6333.	1.5	236
1340	Autophagosome Formation during Varicella-Zoster Virus Infection following Endoplasmic Reticulum Stress and the Unfolded Protein Response. <i>Journal of Virology</i> , 2011, 85, 9414-9424.	1.5	72
1341	Microtubule-associated Protein 1S (MAP1S) Bridges Autophagic Components with Microtubules and Mitochondria to Affect Autophagosomal Biogenesis and Degradation. <i>Journal of Biological Chemistry</i> , 2011, 286, 10367-10377.	1.6	104
1342	Lysosomal Transmembrane Protein LAPT4B Promotes Autophagy and Tolerance to Metabolic Stress in Cancer Cells. <i>Cancer Research</i> , 2011, 71, 7481-7489.	0.4	74
1343	Minocycline inhibits the growth of glioma by inducing autophagy. <i>Autophagy</i> , 2011, 7, 166-175.	4.3	70
1344	The Role of Autophagy in Corpus Luteum Regression in the Rat. <i>Biology of Reproduction</i> , 2011, 85, 465-472.	1.2	59
1345	LAPTM4s regulate lysosomal function and interact with mucopolysaccharide 1: new clues for understanding mucopolysaccharidosis type IV. <i>Journal of Cell Science</i> , 2011, 124, 459-468.	1.2	55
1346	The LC3 recruitment mechanism is separate from Atg9L1-dependent membrane formation in the autophagic response against <i>Salmonella</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 2290-2300.	0.9	158
1347	PtdIns 3-Kinase Orchestrates Autophagosome Formation in Yeast. <i>Journal of Lipids</i> , 2011, 2011, 1-9.	1.9	50
1348	Novel Phosphoinositide 3-Kinase/mTOR Dual Inhibitor, NVP-BGT226, Displays Potent Growth-Inhibitory Activity against Human Head and Neck Cancer Cells <i>In Vitro</i> and <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2011, 17, 7116-7126.	3.2	107
1349	Induction of Apoptosis and Autophagy in Human Pancreatic Cancer Cells by a Novel Synthetic C-1 Analogue of 7-deoxypancratistatin. <i>American Journal of Biomedical Sciences</i> , 0, , 278-291.	0.2	7
1350	Akt Suppresses Retrograde Degeneration of Dopaminergic Axons by Inhibition of Macroautophagy. <i>Journal of Neuroscience</i> , 2011, 31, 2125-2135.	1.7	126
1351	Inhibition of Protein Degradation Induces Apoptosis through a Microtubule-Associated Protein 1 Light Chain 3-Mediated Activation of Caspase-8 at Intracellular Membranes. <i>Molecular and Cellular Biology</i> , 2011, 31, 3158-3170.	1.1	85
1352	Lanatoside C sensitizes glioblastoma cells to tumor necrosis factor- α -related apoptosis-inducing ligand and induces an alternative cell death pathway. <i>Neuro-Oncology</i> , 2011, 13, 1213-1224.	0.6	52
1353	TNF- α Induces Macroautophagy and Regulates MHC Class II Expression in Human Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 3970-3980.	1.6	98
1354	Amino Acids Activate Mammalian Target of Rapamycin Complex 2 (mTORC2) via PI3K/Akt Signaling. <i>Journal of Biological Chemistry</i> , 2011, 286, 6128-6142.	1.6	164
1355	Synergistic Interactions between Heregulin and Peroxisome Proliferator-activated Receptor- γ 3 (PPAR γ 3) Agonist in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 20087-20099.	1.6	14
1356	Autophagy regulates myeloid cell differentiation by p62/SQSTM1-mediated degradation of PML-RAR α oncoprotein. <i>Autophagy</i> , 2011, 7, 401-411.	4.3	138

#	ARTICLE	IF	CITATIONS
1357	Autophagy: Friend or Foe in Breast Cancer Development, Progression, and Treatment. <i>International Journal of Breast Cancer</i> , 2011, 2011, 1-7.	0.6	35
1358	A Cytosolic Phospholipase A2-Initiated Lipid Mediator Pathway Induces Autophagy in Macrophages. <i>Journal of Immunology</i> , 2011, 187, 5286-5292.	0.4	24
1359	Plant NBR1 is a selective autophagy substrate and a functional hybrid of the mammalian autophagic adapters NBR1 and p62/SQSTM1. <i>Autophagy</i> , 2011, 7, 993-1010.	4.3	283
1360	3-n-butylphthalide (NBP) attenuated neuronal autophagy and amyloid-beta expression in diabetic mice subjected to brain ischemia. <i>Neurological Research</i> , 2011, 33, 396-404.	0.6	38
1361	The requirement of uncoordinated 51-like kinase 1 (ULK1) and ULK2 in the regulation of autophagy. <i>Autophagy</i> , 2011, 7, 689-695.	4.3	154
1362	Antibacterial autophagy occurs at PI(3)P-enriched domains of the endoplasmic reticulum and requires Rab1 GTPase. <i>Autophagy</i> , 2011, 7, 17-26.	4.3	102
1363	GMI, an immunomodulatory protein from <i>Ganoderma microsporum</i> , induces autophagy in non-small cell lung cancer cells. <i>Autophagy</i> , 2011, 7, 873-882.	4.3	89
1364	Spectral imaging-based methods for quantifying autophagy and apoptosis. <i>Cancer Biology and Therapy</i> , 2011, 12, 349-356.	1.5	15
1365	Autophagy in Spinal Cord Motor Neurons in Sporadic Amyotrophic Lateral Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 349-359.	0.9	213
1366	GFP-Atg8 protease protection as a tool to monitor autophagosome biogenesis. <i>Autophagy</i> , 2011, 7, 1546-1550.	4.3	78
1367	Abrogation of Complex Glycosylation by Swainsonine Results in Strain- and Cell-specific Inhibition of Prion Replication. <i>Journal of Biological Chemistry</i> , 2011, 286, 40962-40973.	1.6	33
1368	Autophagy Negatively Regulates Keratinocyte Inflammatory Responses via Scaffolding Protein p62/SQSTM1. <i>Journal of Immunology</i> , 2011, 186, 1248-1258.	0.4	180
1369	Regulation of Autophagy by Neuropathological Protein TDP-43. <i>Journal of Biological Chemistry</i> , 2011, 286, 44441-44448.	1.6	128
1370	Activating Transcription Factor 6 Limits Intracellular Accumulation of Mutant Δ 1-Antitrypsin Z and Mitochondrial Damage in Hepatoma Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 41563-41577.	1.6	40
1371	TLR2 and RIP2 Pathways Mediate Autophagy of <i>Listeria monocytogenes</i> via Extracellular Signal-regulated Kinase (ERK) Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 42981-42991.	1.6	119
1372	Flavivirus NS4A-induced Autophagy Protects Cells against Death and Enhances Virus Replication. <i>Journal of Biological Chemistry</i> , 2011, 286, 22147-22159.	1.6	228
1373	Enhancement of autophagy is a potential modality for tumors refractory to radiotherapy. <i>Cell Death and Disease</i> , 2011, 2, e177-e177.	2.7	85
1374	Induction of autophagy by drug-resistant esophageal cancer cells promotes their survival and recovery following treatment with chemotherapeutics. <i>Autophagy</i> , 2011, 7, 509-524.	4.3	220

#	ARTICLE	IF	CITATIONS
1375	Inhibition of mTOR Kinase by AZD8055 Can Antagonize Chemotherapy-induced Cell Death through Autophagy Induction and Down-regulation of p62/Sequestosome 1. <i>Journal of Biological Chemistry</i> , 2011, 286, 40002-40012.	1.6	71
1376	Early Induction of Autophagy in Human Fibroblasts after Infection with Human Cytomegalovirus or Herpes Simplex Virus 1. <i>Journal of Virology</i> , 2011, 85, 4212-4221.	1.5	113
1377	Targeting RNA Polymerase I with an Oral Small Molecule CX-5461 Inhibits Ribosomal RNA Synthesis and Solid Tumor Growth. <i>Cancer Research</i> , 2011, 71, 1418-1430.	0.4	482
1378	OATL1, a novel autophagosome-resident Rab33B-GAP, regulates autophagosomal maturation. <i>Journal of Cell Biology</i> , 2011, 192, 839-853.	2.3	146
1379	Distinct Roles <i>In Vivo</i> for the Ubiquitin-Proteasome System and the Autophagy-Lysosomal Pathway in the Degradation of β -Synuclein. <i>Journal of Neuroscience</i> , 2011, 31, 14508-14520.	1.7	311
1380	Tumorigenesis in tuberous sclerosis complex is autophagy and p62/sequestosome 1 (SQSTM1)-dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12455-12460.	3.3	175
1381	Atg16L2, a novel isoform of mammalian Atg16L that is not essential for canonical autophagy despite forming an Atg12-5-16L2 complex. <i>Autophagy</i> , 2011, 7, 1500-1513.	4.3	78
1382	Lysosomal Storage Causes Cellular Dysfunction in Mucopolipidosis II Skin Fibroblasts. <i>Journal of Biological Chemistry</i> , 2011, 286, 35283-35290.	1.6	35
1383	Lysosomal Proteolysis Inhibition Selectively Disrupts Axonal Transport of Degradative Organelles and Causes an Alzheimer's-Like Axonal Dystrophy. <i>Journal of Neuroscience</i> , 2011, 31, 7817-7830.	1.7	381
1384	Effects of C-terminal Modifications of GEC1 Protein and β -Aminobutyric Acid Type A (GABAA) Receptor-associated Protein (GABARAP), Two Microtubule-associated Proteins, on μ Opioid Receptor Expression. <i>Journal of Biological Chemistry</i> , 2011, 286, 15106-15115.	1.6	26
1385	Chelation of Lysosomal Iron Protects Dopaminergic SH-SY5Y Neuroblastoma Cells from Hydrogen Peroxide Toxicity by Precluding Autophagy and Akt Dephosphorylation. <i>Toxicological Sciences</i> , 2011, 123, 523-541.	1.4	65
1386	Autophagy Protects the Proximal Tubule from Degeneration and Acute Ischemic Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 902-913.	3.0	388
1387	Autophagic and Apoptotic Response to Sonodynamic Therapy Induced Cell Damage in Leukemia L1210 Cells <i>In Vitro</i> . <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2011, 26, 209-218.	0.7	15
1388	Autophagic substrate clearance requires activity of the syntaxin-5 SNARE complex. <i>Journal of Cell Science</i> , 2011, 124, 469-482.	1.2	99
1389	A comprehensive glossary of autophagy-related molecules and processes (2 nd edition). <i>Autophagy</i> , 2011, 7, 1273-1294.	4.3	255
1390	Zyflamend Mediates Therapeutic Induction of Autophagy to Apoptosis in Melanoma Cells. <i>Nutrition and Cancer</i> , 2011, 63, 940-949.	0.9	13
1391	Loss of Caspase-2-dependent Apoptosis Induces Autophagy after Mitochondrial Oxidative Stress in Primary Cultures of Young Adult Cortical Neurons. <i>Journal of Biological Chemistry</i> , 2011, 286, 8493-8506.	1.6	66
1392	Dissecting the dynamic turnover of GFP-LC3 in the autolysosome. <i>Autophagy</i> , 2011, 7, 188-204.	4.3	299

#	ARTICLE	IF	CITATIONS
1393	Artesunate Activates Mitochondrial Apoptosis in Breast Cancer Cells via Iron-catalyzed Lysosomal Reactive Oxygen Species Production. <i>Journal of Biological Chemistry</i> , 2011, 286, 6587-6601.	1.6	201
1394	Caffeine induces apoptosis by enhancement of autophagy via PI3K/Akt/mTOR/p70S6K inhibition. <i>Autophagy</i> , 2011, 7, 176-187.	4.3	385
1395	Selective autophagy mediated by autophagic adapter proteins. <i>Autophagy</i> , 2011, 7, 279-296.	4.3	1,512
1396	The chromatin remodeler ISWI regulates the cellular response to hypoxia: role of FIH. <i>Molecular Biology of the Cell</i> , 2011, 22, 4171-4181.	0.9	33
1397	Autophagy in Inflammatory Diseases. <i>International Journal of Cell Biology</i> , 2011, 2011, 1-11.	1.0	59
1398	Functional Analysis of Host Factors that Mediate the Intracellular Lifestyle of <i>Cryptococcus neoformans</i> . <i>PLoS Pathogens</i> , 2011, 7, e1002078.	2.1	99
1399	Autophagy Controls IL-1 β Secretion by Targeting Pro-IL-1 β for Degradation. <i>Journal of Biological Chemistry</i> , 2011, 286, 9587-9597.	1.6	723
1400	Atorvastatin induces autophagy in prostate cancer PC3 cells through activation of LC3 transcription. <i>Cancer Biology and Therapy</i> , 2011, 12, 691-699.	1.5	67
1401	Sphingolipid Storage Affects Autophagic Metabolism of the Amyloid Precursor Protein and Promotes A β Generation. <i>Journal of Neuroscience</i> , 2011, 31, 1837-1849.	1.7	82
1402	Neuroendocrine regulation of autophagy by leptin. <i>Cell Cycle</i> , 2011, 10, 2917-2923.	1.3	52
1403	Caloric Restriction Mimetic 2-Deoxyglucose Antagonizes Doxorubicin-induced Cardiomyocyte Death by Multiple Mechanisms. <i>Journal of Biological Chemistry</i> , 2011, 286, 21993-22006.	1.6	60
1404	Glucocorticoid Elevation of Dexamethasone-induced Gene 2 (Dig2/RTP801/REDD1) Protein Mediates Autophagy in Lymphocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 30181-30189.	1.6	82
1405	Phagocytosis of cells dying through autophagy induces inflammasome activation and IL-1 β release in human macrophages. <i>Autophagy</i> , 2011, 7, 321-330.	4.3	58
1406	Inhibition of autophagy by TAB2 and TAB3. <i>EMBO Journal</i> , 2011, 30, 4908-4920.	3.5	85
1407	p62 targeting to the autophagosome formation site requires self-oligomerization but not LC3 binding. <i>Journal of Cell Biology</i> , 2011, 192, 17-27.	2.3	366
1408	Autophagy and p62 in Cardiac Proteinopathy. <i>Circulation Research</i> , 2011, 109, 296-308.	2.0	177
1409	Mitochondrial degradation by autophagy (mitophagy) in GFP-LC3 transgenic hepatocytes during nutrient deprivation. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C308-C317.	2.1	132
1410	Autophagy limits acute myocardial infarction induced by permanent coronary artery occlusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H2261-H2271.	1.5	178

#	ARTICLE	IF	CITATIONS
1411	Snapin deficiency is associated with developmental defects of the central nervous system. <i>Bioscience Reports</i> , 2011, 31, 151-158.	1.1	9
1412	The invasion of tobacco mosaic virus RNA induces endoplasmic reticulum stress-related autophagy in HeLa cells. <i>Bioscience Reports</i> , 2012, 32, 171-184.	1.1	28
1413	Punctate LC3B Expression Is a Common Feature of Solid Tumors and Associated with Proliferation, Metastasis, and Poor Outcome. <i>Clinical Cancer Research</i> , 2012, 18, 370-379.	3.2	264
1414	Alternative Pathways of Cancer Cell Death by Rottlerin: Apoptosis versus Autophagy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	26
1415	The miR-290-295 cluster suppresses autophagic cell death of melanoma cells. <i>Scientific Reports</i> , 2012, 2, 808.	1.6	58
1416	Cellular and Molecular Biology of Optineurin. <i>International Review of Cell and Molecular Biology</i> , 2012, 294, 223-258.	1.6	112
1417	Receptor Proteins in Selective Autophagy. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-9.	1.0	64
1418	Nutrient Availability Alters the Effect of Autophagy on Sulindac Sulfide-Induced Colon Cancer Cell Apoptosis. <i>Gastroenterology Research and Practice</i> , 2012, 2012, 1-9.	0.7	4
1419	Erythropoietin Modulates Autophagy Signaling in the Developing Rat Brain in an In Vivo Model of Oxygen-Toxicity. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12939-12951.	1.8	43
1420	Reduced cathepsins B and D cause impaired autophagic degradation that can be almost completely restored by overexpression of these two proteases in Sap C-deficient fibroblasts. <i>Human Molecular Genetics</i> , 2012, 21, 5159-5173.	1.4	68
1421	Resistance of colon cancer to 5-fluorouracil may be overcome by combination with chloroquine, an in vivo study. <i>Anti-Cancer Drugs</i> , 2012, 23, 675-682.	0.7	56
1422	Hemin causes mitochondrial dysfunction in endothelial cells through promoting lipid peroxidation: the protective role of autophagy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H1394-H1409.	1.5	130
1423	Autophagy mechanism of right ventricular remodeling in murine model of pulmonary artery constriction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H688-H696.	1.5	52
1424	zVAD-fmk prevents cisplatin-induced cleavage of autophagy proteins but impairs autophagic flux and worsens renal function. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F1239-F1250.	1.3	68
1425	Viral Mediated Redirection of NEMO/IKK β to Autophagosomes Curtails the Inflammatory Cascade. <i>PLoS Pathogens</i> , 2012, 8, e1002517.	2.1	80
1426	Involvement of Autophagy in Coronavirus Replication. <i>Viruses</i> , 2012, 4, 3440-3451.	1.5	76
1427	Intracellular Vesicle Acidification Promotes Maturation of Infectious Poliovirus Particles. <i>PLoS Pathogens</i> , 2012, 8, e1003046.	2.1	119
1428	TLR4 deficiency promotes autophagy during cigarette smoke-induced pulmonary emphysema. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L748-L757.	1.3	65

#	ARTICLE	IF	CITATIONS
1429	Doxorubicin-induced glomerulosclerosis with proteinuria in GFP-GABARAP transgenic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F380-F389.	1.3	13
1430	cAMP and EPAC Are Key Players in the Regulation of the Signal Transduction Pathway Involved in the β -Hemolysin Autophagic Response. <i>PLoS Pathogens</i> , 2012, 8, e1002664.	2.1	43
1431	Regulation of ATG4B Stability by RNF5 Limits Basal Levels of Autophagy and Influences Susceptibility to Bacterial Infection. <i>PLoS Genetics</i> , 2012, 8, e1003007.	1.5	106
1432	The interplay between autophagy and ROS in tumorigenesis. <i>Frontiers in Oncology</i> , 2012, 2, 171.	1.3	153
1433	The pan erbB inhibitor PD168393 enhances lysosomal dysfunction-induced apoptotic death in malignant peripheral nerve sheath tumor cells. <i>Neuro-Oncology</i> , 2012, 14, 266-277.	0.6	8
1434	Immunohistochemical detection of cytoplasmic LC3 puncta in human cancer specimens. <i>Autophagy</i> , 2012, 8, 1175-1184.	4.3	69
1435	Microfluidic cell culture systems with integrated sensors for drug screening. <i>Proceedings of SPIE</i> , 2012, , .	0.8	4
1436	Src Inhibition with Saracatinib Reverses Fulvestrant Resistance in ER-Positive Ovarian Cancer Models <i>in Vitro</i> and <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2012, 18, 5911-5923.	3.2	69
1437	<i>Vibrio parahaemolyticus</i> ExsE is requisite for initial adhesion and subsequent type III secretion system 1-dependent autophagy in HeLa cells. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2303-2314.	0.7	34
1438	<i>Here, There Be Dragons</i> : Charting Autophagy-Related Alterations in Human Tumors. <i>Clinical Cancer Research</i> , 2012, 18, 1214-1226.	3.2	34
1439	Interplay between the cellular autophagy machinery and positive-stranded RNA viruses. <i>Acta Biochimica Et Biophysica Sinica</i> , 2012, 44, 375-384.	0.9	49
1440	Autophagy modulates dynamics of connexins at the plasma membrane in a ubiquitin-dependent manner. <i>Molecular Biology of the Cell</i> , 2012, 23, 2156-2169.	0.9	110
1441	Externalized Glycolytic Enzymes Are Novel, Conserved, and Early Biomarkers of Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 10325-10343.	1.6	46
1442	Autophagy genes function sequentially to promote apoptotic cell corpse degradation in the engulfing cell. <i>Journal of Cell Biology</i> , 2012, 197, 27-35.	2.3	75
1443	Cutting Edge: NADPH Oxidase Modulates MHC Class II Antigen Presentation by B Cells. <i>Journal of Immunology</i> , 2012, 189, 3800-3804.	0.4	47
1444	Central Role of Mitofusin 2 in Autophagosome-Lysosome Fusion in Cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2012, 287, 23615-23625.	1.6	174
1445	Dual roles of Atg8~PE deconjugation by Atg4 in autophagy. <i>Autophagy</i> , 2012, 8, 883-892.	4.3	196
1446	Bcl-2-associated autophagy regulator Naf-1 required for maintenance of skeletal muscle. <i>Human Molecular Genetics</i> , 2012, 21, 2277-2287.	1.4	84

#	ARTICLE	IF	CITATIONS
1447	Autophagy regulates endoplasmic reticulum stress in ischemic preconditioning. <i>Autophagy</i> , 2012, 8, 310-325.	4.3	143
1448	Resveratrol Attenuates Doxorubicin-Induced Cardiomyocyte Death via Inhibition of p70 S6 Kinase 1-Mediated Autophagy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 183-195.	1.3	120
1449	Steroid receptor coactivator 3 regulates autophagy in breast cancer cells through macrophage migration inhibitory factor. <i>Cell Research</i> , 2012, 22, 1003-1021.	5.7	48
1450	THE CELLULAR PROCESS OF AUTOPHAGY AND CONTROL OF AUTOPHAGY IN NEURONS. , 2012, , 3-35.		2
1451	GENETIC MOUSE MODELS FOR ELUCIDATION OF AUTOPHAGY-LYSOSOMAL SYSTEMS IN NEURONS UNDER PHYSIOLOGIC AND PATHOLOGIC CONDITIONS. , 2012, , 175-203.		1
1452	AUTOPHAGY IN AMYOTROPHIC LATERAL SCLEROSIS. , 2012, , 205-235.		0
1453	LYSOSOME STORAGE DISORDERS ON THE BRAIN: THE AUTOPHAGY LYSOSOME PATHWAY CONTRIBUTES TO DISEASE PATHOPHYSIOLOGY AND MAY BE UTILIZED FOR THERAPEUTIC BENEFIT. , 2012, , 331-354.		0
1454	ROLE OF AUTOPHAGY IN NEURITE DEGENERATION <i>IN VITRO</i> . , 2012, , 407-422.		0
1455	The Role of Autophagy in Human Endometrium1. <i>Biology of Reproduction</i> , 2012, 86, 70.	1.2	67
1456	A quantitative TR-FRET plate reader immunoassay for measuring autophagy. <i>Autophagy</i> , 2012, 8, 1227-1244.	4.3	16
1457	Imaging protein complex formation in the autophagy pathway: analysis of the interaction of LC3 and Atg4B[sup C74A] in live cells using Förster resonance energy transfer and fluorescence recovery after photobleaching. <i>Journal of Biomedical Optics</i> , 2012, 17, 011008.	1.4	17
1458	Sorafenib Sensitizes (â*)-Gossypol-Induced Growth Suppression in Androgen-Independent Prostate Cancer Cells via Mcl-1 Inhibition and Bak Activation. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 416-426.	1.9	44
1459	A high-throughput FRET-based assay for determination of Atg4 activity. <i>Autophagy</i> , 2012, 8, 401-412.	4.3	60
1460	Dual PI3K/mTOR inhibitor NVP-BE235 suppresses hypoxia-inducible factor (HIF)-1Î± expression by blocking protein translation and increases cell death under hypoxia. <i>Cancer Biology and Therapy</i> , 2012, 13, 1102-1111.	1.5	33
1461	Hypoxia-induced autophagy. <i>Autophagy</i> , 2012, 8, 704-706.	4.3	56
1462	Autophagy counteracts apoptosis in human multiple myeloma cells exposed to oridonin in vitro via regulating intracellular ROS and SIRT1. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 91-100.	2.8	55
1463	Oxidative stress impairs autophagic flux in prion protein-deficient hippocampal cells. <i>Autophagy</i> , 2012, 8, 1448-1461.	4.3	49
1464	Impaired autophagy and delayed autophagic clearance of transforming growth factor Î²-induced protein (TGFBI) in granular corneal dystrophy type 2. <i>Autophagy</i> , 2012, 8, 1782-1797.	4.3	54

#	ARTICLE	IF	CITATIONS
1465	Insufficient autophagy promotes bronchial epithelial cell senescence in chronic obstructive pulmonary disease. <i>Oncolmmunology</i> , 2012, 1, 630-641.	2.1	199
1466	Oridonin induces apoptosis and autophagy in murine fibrosarcoma L929 cells partly via NO-ERK-p53 positive-feedback loop signaling pathway. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 1055-1061.	2.8	26
1467	Antitumor effect of arsenic trioxide in human K562 and K562/ADM cells by autophagy. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 512-519.	1.3	14
1468	Arf6 promotes autophagosome formation via effects on phosphatidylinositol 4,5-bisphosphate and phospholipase D. <i>Journal of Cell Biology</i> , 2012, 196, 483-496.	2.3	90
1469	Targeting of distinct signaling cascades and cancer-associated fibroblasts define the efficacy of Sorafenib against prostate cancer cells. <i>Cell Death and Disease</i> , 2012, 3, e262-e262.	2.7	44
1470	4-O-Carboxymethyl Ascochlorin Causes ER Stress and Induced Autophagy in Human Hepatocellular Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 15661-15671.	1.6	28
1471	Nigericin-induced Impairment of Autophagic Flux in Neuronal Cells Is Inhibited by Overexpression of Bak. <i>Journal of Biological Chemistry</i> , 2012, 287, 23271-23282.	1.6	22
1472	Ablation of Vacuole Protein Sorting 18 (Vps18) Gene Leads to Neurodegeneration and Impaired Neuronal Migration by Disrupting Multiple Vesicle Transport Pathways to Lysosomes. <i>Journal of Biological Chemistry</i> , 2012, 287, 32861-32873.	1.6	35
1473	Monitoring autophagic flux by an improved tandem fluorescent-tagged LC3 (mTagRFP-mWasabi-LC3) reveals that high-dose rapamycin impairs autophagic flux in cancer cells. <i>Autophagy</i> , 2012, 8, 1215-1226.	4.3	231
1474	Analysis of macroautophagy by immunohistochemistry. <i>Autophagy</i> , 2012, 8, 963-969.	4.3	67
1475	Severe Acute Respiratory Syndrome Coronavirus Replication Is Severely Impaired by MG132 due to Proteasome-Independent Inhibition of M-Calpain. <i>Journal of Virology</i> , 2012, 86, 10112-10122.	1.5	130
1476	Beginning to Understand Autophagy, an Intracellular Self-Degradation System in Plants. <i>Plant and Cell Physiology</i> , 2012, 53, 1355-1365.	1.5	144
1477	Astrocyte dysfunction triggers neurodegeneration in a lysosomal storage disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2334-42.	3.3	101
1478	Mycobacterial Induction of Autophagy Varies by Species and Occurs Independently of Mammalian Target of Rapamycin Inhibition. <i>Journal of Biological Chemistry</i> , 2012, 287, 12668-12678.	1.6	78
1479	Mapping Autophagy on to Your Metabolic Radar. <i>Diabetes</i> , 2012, 61, 272-280.	0.3	61
1480	Characterization of inclusion bodies with cytoprotective properties formed by seipinopathy-linked mutant seipin. <i>Human Molecular Genetics</i> , 2012, 21, 635-646.	1.4	26
1481	Regulation of Autophagy and Its Associated Cell Death by α -Sphingolipid Rheostat. <i>Journal of Biological Chemistry</i> , 2012, 287, 39898-39910.	1.6	120
1482	Inhibition of Autophagy Rescues Palmitic Acid-induced Necroptosis of Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 21110-21120.	1.6	118

#	ARTICLE	IF	CITATIONS
1483	Restructured endoplasmic reticulum generated by mutant amyotrophic lateral sclerosis-linked VAPB is cleared by the proteasome. <i>Journal of Cell Science</i> , 2012, 125, 3601-3611.	1.2	41
1484	Autophagy in immunity. <i>Autophagy</i> , 2012, 8, 1286-1299.	4.3	116
1485	Stimulation of autophagy reduces neurodegeneration in a mouse model of human tauopathy. <i>Brain</i> , 2012, 135, 2169-2177.	3.7	291
1486	DRAM-1 encodes multiple isoforms that regulate autophagy. <i>Autophagy</i> , 2012, 8, 18-28.	4.3	57
1487	The <i>PTPN11</i> loss-of-function mutation Q510E-Shp2 causes hypertrophic cardiomyopathy by dysregulating mTOR signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H231-H243.	1.5	59
1488	Inhibition of Autophagy Ameliorates Acute Lung Injury Caused by Avian Influenza A H5N1 Infection. <i>Science Signaling</i> , 2012, 5, ra16.	1.6	140
1489	Lafora bodies and neurological defects in malin-deficient mice correlate with impaired autophagy. <i>Human Molecular Genetics</i> , 2012, 21, 1521-1533.	1.4	131
1490	Production of Interferon β by Human Immunodeficiency Virus Type 1 in Human Plasmacytoid Dendritic Cells Is Dependent on Induction of Autophagy. <i>Journal of Infectious Diseases</i> , 2012, 205, 1258-1267.	1.9	83
1491	Autophagosomes induced by a bacterial Beclin 1 binding protein facilitate obligatory intracellular infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20800-20807.	3.3	134
1492	MAPK15/ERK8 stimulates autophagy by interacting with LC3 and GABARAP proteins. <i>Autophagy</i> , 2012, 8, 1724-1740.	4.3	100
1493	Valproic Acid Downregulates the Expression of MGMT and Sensitizes Temozolomide-Resistant Glioma Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-9.	3.0	90
1494	Novel Approach to Bile Duct Damage in Primary Biliary Cirrhosis: Participation of Cellular Senescence and Autophagy. <i>International Journal of Hepatology</i> , 2012, 2012, 1-9.	0.4	16
1495	Sorafenib Has Potent Antitumor Activity against Multiple Myeloma <i>In Vitro</i> , <i>Ex Vivo</i> , and <i>In Vivo</i> in the 5T33MM Mouse Model. <i>Cancer Research</i> , 2012, 72, 5348-5362.	0.4	44
1496	Three-Axis Model for Atg Recruitment in Autophagy against Salmonella. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-6.	1.0	14
1497	Combination Erlotinib-Cisplatin and Atg3-Mediated Autophagy in Erlotinib Resistant Lung Cancer. <i>PLoS ONE</i> , 2012, 7, e48532.	1.1	37
1498	β -Synuclein levels modulate Huntington's disease in mice. <i>Human Molecular Genetics</i> , 2012, 21, 485-494.	1.4	37
1499	Autophagy-dependent senescence in response to DNA damage and chronic apoptotic stress. <i>Autophagy</i> , 2012, 8, 236-251.	4.3	79
1500	Endoplasmic reticulum protein BI-1 regulates Ca^{2+} -mediated bioenergetics to promote autophagy. <i>Genes and Development</i> , 2012, 26, 1041-1054.	2.7	83

#	ARTICLE	IF	CITATIONS
1501	Drosophila Golgi membrane protein Ema promotes autophagosomal growth and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1072-E1081.	3.3	42
1502	The c-Jun N-terminal Kinase (JNK)-binding Protein (JNKBP1) Acts as a Negative Regulator of NOD2 Protein Signaling by Inhibiting Its Oligomerization Process. <i>Journal of Biological Chemistry</i> , 2012, 287, 29213-29226.	1.6	23
1503	Anti-CHMP5 single chain variable fragment antibody retrovirus infection induces programmed cell death of AML leukemic cells in vitro. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 809-816.	2.8	2
1504	Aurora kinase A inhibition-induced autophagy triggers drug resistance in breast cancer cells. <i>Autophagy</i> , 2012, 8, 1798-1810.	4.3	155
1505	Induction of Autophagy Promotes Preattachment Development of Bovine Embryos by Reducing Endoplasmic Reticulum Stress1. <i>Biology of Reproduction</i> , 2012, 87, 8, 1-11.	1.2	54
1506	LC3-Associated Phagocytosis (LAP): Connections with Host Autophagy. <i>Cells</i> , 2012, 1, 396-408.	1.8	100
1507	Microglial Activation in Neuroinflammation: Implications for the Etiology of Neurodegeneration. <i>Neurodegenerative Diseases</i> , 2012, 10, 100-103.	0.8	15
1508	Bufalin increases sensitivity to AKT/mTOR-induced autophagic cell death in SK-HEP-1 human hepatocellular carcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 1431-1442.	1.4	75
1509	Autophagy Is Activated in Injured Neurons and Inhibited by Methylprednisolone After Experimental Spinal Cord Injury. <i>Spine</i> , 2012, 37, 470-475.	1.0	79
1510	Blockade of irradiation-induced autophagosome formation impairs proliferation but does not enhance cell death in HCT-116 human colorectal carcinoma cells. <i>International Journal of Oncology</i> , 2012, 40, 1267-1276.	1.4	3
1511	Autophagy in the Heart. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 60, 110-117.	0.8	27
1512	Methyl- β -cyclodextrin induces programmed cell death in chronic myeloid leukemia cells and, combined with imatinib, produces a synergistic downregulation of ERK/SPK1 signaling. <i>Anti-Cancer Drugs</i> , 2012, 23, 22-31.	0.7	15
1513	Autophagy induced by baicalin involves downregulation of CD147 in SMMC-7721 cells in vitro. <i>Oncology Reports</i> , 2012, 27, 1128-1134.	1.2	49
1514	Molecular Machinery of Autophagy and Its Implication in Cancer. <i>American Journal of the Medical Sciences</i> , 2012, 343, 155-161.	0.4	41
1515	The sorafenib plus nutlin-3 combination promotes synergistic cytotoxicity in acute myeloid leukemic cells irrespectively of FLT3 and p53 status. <i>Haematologica</i> , 2012, 97, 1722-1730.	1.7	44
1516	Recombinant Lz-8 from <i>Ganoderma lucidum</i> induces endoplasmic reticulum stress-mediated autophagic cell death in SGC-7901 human gastric cancer cells. <i>Oncology Reports</i> , 2012, 27, 1079-1089.	1.2	47
1517	Glutaminolysis Activates Rag-mTORC1 Signaling. <i>Molecular Cell</i> , 2012, 47, 349-358.	4.5	563
1518	p62/SQSTM1/A170: Physiology and pathology. <i>Pharmacological Research</i> , 2012, 66, 457-462.	3.1	247

#	ARTICLE	IF	CITATIONS
1519	A Role for Presenilins in Autophagy Revisited: Normal Acidification of Lysosomes in Cells Lacking PSEN1 and PSEN2. <i>Journal of Neuroscience</i> , 2012, 32, 8633-8648.	1.7	100
1520	RNase L Triggers Autophagy in Response to Viral Infections. <i>Journal of Virology</i> , 2012, 86, 11311-11321.	1.5	83
1521	Energy-preserving effects of IGF-1 antagonize starvation-induced cardiac autophagy. <i>Cardiovascular Research</i> , 2012, 93, 320-329.	1.8	124
1522	ATG8 Family Proteins Act as Scaffolds for Assembly of the ULK Complex. <i>Journal of Biological Chemistry</i> , 2012, 287, 39275-39290.	1.6	257
1523	Expression of Concern: Toll-like receptor 4 knockout protects against anthrax lethal toxin-induced cardiac contractile dysfunction: role of autophagy. <i>British Journal of Pharmacology</i> , 2012, 167, 612-626.	2.7	15
1524	Activated protein C modulates cardiac metabolism and augments autophagy in the ischemic heart. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 1736-1744.	1.9	41
1525	Interferon- β is protective in cisplatin-induced renal injury by enhancing autophagic flux. <i>Kidney International</i> , 2012, 82, 1093-1104.	2.6	34
1526	The <i>Legionella</i> Effector RavZ Inhibits Host Autophagy Through Irreversible Atg8 Deconjugation. <i>Science</i> , 2012, 338, 1072-1076.	6.0	401
1527	Curcumin: Updated Molecular Mechanisms and Intervention Targets in Human Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2012, 13, 3959-3978.	1.8	87
1528	A Double-Edged Sword with Therapeutic Potential: An Updated Role of Autophagy in Ischemic Cerebral Injury. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 879-886.	1.9	153
1529	Global analysis of genome, transcriptome and proteome reveals the response to aneuploidy in human cells. <i>Molecular Systems Biology</i> , 2012, 8, 608.	3.2	379
1530	ER Stress As Modulator of Autophagy Pathways. , 2012, , 163-184.		0
1531	Effect of inhibition of the Ubiquitin-Proteasome System and Hsp90 on growth and survival of Rhabdomyosarcoma cells in vitro. <i>BMC Cancer</i> , 2012, 12, 233.	1.1	18
1532	Autophagy induction by silver nanowires: A new aspect in the biocompatibility assessment of nanocomposite thin films. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 451-461.	1.3	61
1533	A new synthetic HDAC inhibitor, MHY218, induces apoptosis or autophagy-related cell death in tamoxifen-resistant MCF-7 breast cancer cells. <i>Investigational New Drugs</i> , 2012, 30, 1887-1898.	1.2	32
1534	The Hairpin-type Tail-Anchored SNARE Syntaxin 17 Targets to Autophagosomes for Fusion with Endosomes/Lysosomes. <i>Cell</i> , 2012, 151, 1256-1269.	13.5	1,042
1535	Autophagy, mitochondria and oxidative stress: cross-talk and redox signalling. <i>Biochemical Journal</i> , 2012, 441, 523-540.	1.7	1,243
1536	Neem oil limonoids induces p53-independent apoptosis and autophagy. <i>Carcinogenesis</i> , 2012, 33, 2199-2207.	1.3	49

#	ARTICLE	IF	CITATIONS
1537	The Hedgehog signalling pathway regulates autophagy. <i>Nature Communications</i> , 2012, 3, 1200.	5.8	93
1538	Selenium and zinc deficient cardiomyopathy in human intestinal malabsorption: preliminary results of selenium/zinc infusion. <i>European Journal of Heart Failure</i> , 2012, 14, 202-210.	2.9	47
1539	Mitochondrial outer-membrane protein FUNDC1 mediates hypoxia-induced mitophagy in mammalian cells. <i>Nature Cell Biology</i> , 2012, 14, 177-185.	4.6	1,227
1540	Excessive Autophagy Contributes to Neuron Death in Cerebral Ischemia. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 250-260.	1.9	235
1541	The actin cytoskeleton participates in the early events of autophagosome formation upon starvation induced autophagy. <i>Autophagy</i> , 2012, 8, 1590-1603.	4.3	138
1542	Regulation and Function of Autophagy during Cell Survival and Cell Death. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a008813-a008813.	2.3	302
1543	Autophagy in Pulmonary Diseases. <i>Annual Review of Physiology</i> , 2012, 74, 377-401.	5.6	91
1544	The autophagy protein <sc>LC3A</sc> correlates with hypoxia and is a prognostic marker of patient survival in clear cell ovarian cancer. <i>Journal of Pathology</i> , 2012, 228, 437-447.	2.1	49
1545	Effects of doxorubicin cancer therapy on autophagy and the ubiquitin-proteasome system in long-term cultured adult rat cardiomyocytes. <i>Cell and Tissue Research</i> , 2012, 350, 361-372.	1.5	68
1546	Increase of autophagy and attenuation of apoptosis by Salvigenin promote survival of SH-SY5Y cells following treatment with H ₂ O ₂ . <i>Molecular and Cellular Biochemistry</i> , 2012, 371, 9-22.	1.4	35
1547	Lipofuscin is formed independently of macroautophagy and lysosomal activity in stress-induced prematurely senescent human fibroblasts. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1760-1769.	1.3	66
1548	Differential induction of autophagy in caspase-3/7 down-regulating and Bcl-2 overexpressing recombinant CHO cells subjected to sodium butyrate treatment. <i>Journal of Biotechnology</i> , 2012, 161, 34-41.	1.9	19
1549	SIRT2 interferes with autophagy-mediated degradation of protein aggregates in neuronal cells under proteasome inhibition. <i>Neurochemistry International</i> , 2012, 61, 992-1000.	1.9	56
1550	Molecular pathways for glucose homeostasis, insulin signaling and autophagy in hepatitis C virus induced insulin resistance in a cellular model. <i>Virology</i> , 2012, 434, 5-17.	1.1	14
1551	Autophagy in the brains of young patients with poorly controlled T1DM and fatal diabetic ketoacidosis. <i>Experimental and Molecular Pathology</i> , 2012, 93, 273-280.	0.9	38
1552	Differences in autophagy-related activity by molecular subtype in triple-negative breast cancer. <i>Tumor Biology</i> , 2012, 33, 1681-1694.	0.8	22
1553	Protective role of autophagy in branched polyethylenimine (25K)- and poly(L-lysine) (30~70K)-induced cell death. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 865-874.	1.9	36
1554	SNARE mediates autophagosome lysosome fusion. <i>Journal of Oral Biosciences</i> , 2012, 54, 83-85.	0.8	9

#	ARTICLE	IF	CITATIONS
1555	Autophagy activation by rapamycin reduces severity of experimental osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 575-581.	0.5	364
1556	A CEâ€LIF method to monitor autophagy by directly detecting LC3 proteins in HeLa cells. <i>Analyst</i> , The, 2012, 137, 5571.	1.7	9
1557	Herpes Simplex Virus Type I Induces an Incomplete Autophagic Response in Human Neuroblastoma Cells. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 815-831.	1.2	39
1558	Xanthohumol Impairs Autophagosome Maturation through Direct Inhibition of Valosin-Containing Protein. <i>ACS Chemical Biology</i> , 2012, 7, 892-900.	1.6	70
1559	Herpes simplex virus type I induces the accumulation of intracellular Î²-amyloid in autophagic compartments and the inhibition of the non-amyloidogenic pathway in human neuroblastoma cells. <i>Neurobiology of Aging</i> , 2012, 33, 430.e19-430.e33.	1.5	94
1560	Autophagic degradation of tau in primary neurons and its enhancement by trehalose. <i>Neurobiology of Aging</i> , 2012, 33, 2291-2305.	1.5	241
1561	Autophagy activation is associated with neuroprotection against apoptosis via a mitochondrial pathway in a rat model of subarachnoid hemorrhage. <i>Neuroscience</i> , 2012, 213, 144-153.	1.1	121
1562	Autophagy and polyglutamine diseases. <i>Progress in Neurobiology</i> , 2012, 97, 67-82.	2.8	74
1563	Aluminum maltolate induces primary rat astrocyte apoptosis via overactivation of the class III PI3K/Beclin 1-dependent autophagy signal. <i>Toxicology in Vitro</i> , 2012, 26, 215-220.	1.1	32
1564	Induction of autophagy enhances porcine reproductive and respiratory syndrome virus replication. <i>Virus Research</i> , 2012, 163, 650-655.	1.1	44
1565	Monitoring of autophagy in Chinese hamster ovary cells using flow cytometry. <i>Methods</i> , 2012, 56, 375-382.	1.9	45
1566	Induction of apoptosis and autophagy by sodium selenite in A549 human lung carcinoma cells through generation of reactive oxygen species. <i>Toxicology Letters</i> , 2012, 212, 252-261.	0.4	119
1567	Depletion of L-arginine induces autophagy as a cytoprotective response to endoplasmic reticulum stress in human T lymphocytes. <i>Autophagy</i> , 2012, 8, 1557-1576.	4.3	68
1568	Andrographolide sensitizes cisplatin-induced apoptosis via suppression of autophagosome-lysosome fusion in human cancer cells. <i>Autophagy</i> , 2012, 8, 338-349.	4.3	100
1569	ATP is released from autophagic vesicles to the extracellular space in a VAMP7-dependent manner. <i>Autophagy</i> , 2012, 8, 1741-1756.	4.3	79
1570	Cucurbitacin B Induces Cell Cycle Arrest, Apoptosis and Autophagy Associated with G Actin Reduction and Persistent Activation of Cofilin in Jurkat Cells. <i>Pharmacology</i> , 2012, 89, 348-356.	0.9	36
1571	Cardiac mTOR protects the heart against ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H75-H85.	1.5	123
1572	miR-376b controls starvation and mTOR inhibition-related autophagy by targeting ATG4C and BECN1. <i>Autophagy</i> , 2012, 8, 165-176.	4.3	229

#	ARTICLE	IF	CITATIONS
1573	Altered APP Processing in Insulin-Resistant Conditions Is Mediated by Autophagosome Accumulation via the Inhibition of Mammalian Target of Rapamycin Pathway. <i>Diabetes</i> , 2012, 61, 3126-3138.	0.3	69
1574	FOXO3 induces FOXO1-dependent autophagy by activating the AKT1 signaling pathway. <i>Autophagy</i> , 2012, 8, 1712-1723.	4.3	153
1575	AP1 is essential for generation of autophagosomes from trans-Golgi network. <i>Journal of Cell Science</i> , 2012, 125, 1706-15.	1.2	100
1576	Quantitative Visualization of Autophagy Induction by mTOR Inhibitors. <i>Methods in Molecular Biology</i> , 2012, 821, 239-250.	0.4	16
1577	A transcriptional variant of the LC3A gene is involved in autophagy and frequently inactivated in human cancers. <i>Oncogene</i> , 2012, 31, 4397-4408.	2.6	69
1579	Autophagy-related proteins (p62, NBR1 and LC3) in intranuclear inclusions in neurodegenerative diseases. <i>Neuroscience Letters</i> , 2012, 522, 134-138.	1.0	35
1580	The Mitochondrial Proteins NLRX1 and TUFM Form a Complex that Regulates Type I Interferon and Autophagy. <i>Immunity</i> , 2012, 36, 933-946.	6.6	241
1581	Involvement of melatonin in autophagy-mediated mouse hepatoma H22 cell survival. <i>International Immunopharmacology</i> , 2012, 12, 394-401.	1.7	32
1582	Simvastatin Alleviates the Progression of Periapical Lesions by Modulating Autophagy and Apoptosis in Osteoblasts. <i>Journal of Endodontics</i> , 2012, 38, 757-763.	1.4	48
1583	Metabolic contribution of hepatic autophagic proteolysis: Old wine in new bottles. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 51-58.	1.1	19
1584	Generation of transgenic zebrafish with liver-specific expression of EGFP-Lc3: A new in vivo model for investigation of liver autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 268-273.	1.0	33
1585	Microtubule-associated protein light chain 3 regulates Cdc42-dependent actin ring formation in osteoclast. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 989-997.	1.2	62
1586	Bortezomib induces autophagy in head and neck squamous cell carcinoma cells via JNK activation. <i>Cancer Letters</i> , 2012, 314, 102-107.	3.2	60
1587	Targeting cathepsin S induces tumor cell autophagy via the EGFR-ERK signaling pathway. <i>Cancer Letters</i> , 2012, 317, 89-98.	3.2	66
1588	Ginsenoside F2 induces apoptosis accompanied by protective autophagy in breast cancer stem cells. <i>Cancer Letters</i> , 2012, 321, 144-153.	3.2	140
1589	Differential sensitivity of melanoma cell lines with differing B-Raf mutational status to the new oncogenic B-Raf kinase inhibitor U1-52. <i>Cancer Letters</i> , 2012, 320, 215-224.	3.2	17
1590	Cathepsin D inhibits oxidative stress-induced cell death via activation of autophagy in cancer cells. <i>Cancer Letters</i> , 2012, 323, 208-214.	3.2	61
1591	Mouse Skeletal Muscle Fiber-Type-Specific Macroautophagy and Muscle Wasting Are Regulated by a Fyn/STAT3/Vps34 Signaling Pathway. <i>Cell Reports</i> , 2012, 1, 557-569.	2.9	80

#	ARTICLE	IF	CITATIONS
1592	Host Cell Autophagy Activated by Antibiotics Is Required for Their Effective Antimycobacterial Drug Action. <i>Cell Host and Microbe</i> , 2012, 11, 457-468.	5.1	219
1593	P38 MAP kinase functions as a switch in MS-275-induced reactive oxygen species-dependent autophagy and apoptosis in Human colon Cancer cells. <i>Free Radical Biology and Medicine</i> , 2012, 53, 532-543.	1.3	65
1594	TGF β -activated kinase 1 (TAK1)-binding proteins (TAB) 2 and 3 negatively regulate autophagy. <i>Journal of Biochemistry</i> , 2012, 151, 157-166.	0.9	28
1595	The role of AMP-activated protein kinase in the coordination of skeletal muscle turnover and energy homeostasis. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C475-C485.	2.1	100
1596	E2F-1 lacking the transcriptional activity domain induces autophagy. <i>Cancer Biology and Therapy</i> , 2012, 13, 1091-1101.	1.5	19
1597	Glutathione participates in the modulation of starvation-induced autophagy in carcinoma cells. <i>Autophagy</i> , 2012, 8, 1769-1781.	4.3	99
1598	Impairment of lysosomal integrity by B10, a glycosylated derivative of betulinic acid, leads to lysosomal cell death and converts autophagy into a detrimental process. <i>Cell Death and Differentiation</i> , 2012, 19, 1337-1346.	5.0	97
1599	Insulin receptor substrate-1 prevents autophagy-dependent cell death caused by oxidative stress in mouse NIH/3T3 cells. <i>Journal of Biomedical Science</i> , 2012, 19, 64.	2.6	30
1600	Impact of cellular autophagy on viruses: Insights from hepatitis B virus and human retroviruses. <i>Journal of Biomedical Science</i> , 2012, 19, 92.	2.6	51
1601	Copper compound induces autophagy and apoptosis of glioma cells by reactive oxygen species and jnk activation. <i>BMC Cancer</i> , 2012, 12, 156.	1.1	109
1602	Autophagy-independent enhancing effects of Beclin 1 on cytotoxicity of ovarian cancer cells mediated by proteasome inhibitors. <i>BMC Cancer</i> , 2012, 12, 622.	1.1	19
1603	2-Methoxyestradiol-bis-sulphamate refrains from inducing apoptosis and autophagy in a non-tumorigenic breast cell line. <i>Cancer Cell International</i> , 2012, 12, 37.	1.8	6
1604	Cardiac-specific catalase overexpression rescues anthrax lethal toxin-induced cardiac contractile dysfunction: role of oxidative stress and autophagy. <i>BMC Medicine</i> , 2012, 10, 134.	2.3	16
1605	TNF α - and tumor-induced skeletal muscle atrophy involves sphingolipid metabolism. <i>Skeletal Muscle</i> , 2012, 2, 2.	1.9	102
1606	Increased autophagic activity in senescent human dental pulp cells. <i>International Endodontic Journal</i> , 2012, 45, 1074-1079.	2.3	25
1607	Inhibition of autophagy impairs tumor cell invasion in an organotypic model. <i>Cell Cycle</i> , 2012, 11, 2022-2029.	1.3	105
1608	A role for Atg8 α -PE deconjugation in autophagosome biogenesis. <i>Autophagy</i> , 2012, 8, 780-793.	4.3	184
1609	A cryptic mitochondrial targeting motif in Atg4D links caspase cleavage with mitochondrial import and oxidative stress. <i>Autophagy</i> , 2012, 8, 664-676.	4.3	54

#	ARTICLE	IF	CITATIONS
1610	The role of AKT1 and autophagy in the protective effect of hydrogen sulphide against hepatic ischemia/reperfusion injury in mice. <i>Autophagy</i> , 2012, 8, 954-962.	4.3	90
1611	Measurement of Autophagic Activity in Mammalian Cells. <i>Current Protocols in Cell Biology</i> , 2012, 54, Unit 15.16.	2.3	38
1612	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
1613	Intersection of autophagy with pathways of antigen presentation. <i>Protein and Cell</i> , 2012, 3, 911-920.	4.8	23
1614	Glucosylceramide Synthase Protects Glioblastoma Cells Against Autophagic and Apoptotic Death Induced by Temozolomide and Paclitaxel. <i>Cancer Investigation</i> , 2012, 30, 27-37.	0.6	39
1615	Expression of a Truncated Form of the Endoplasmic Reticulum Chaperone Protein, $\text{I}\beta\text{1}$ Receptor, Promotes Mitochondrial Energy Depletion and Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 23318-23331.	1.6	71
1616	miR-375 Inhibits Autophagy and Reduces Viability of Hepatocellular Carcinoma Cells Under Hypoxic Conditions. <i>Gastroenterology</i> , 2012, 143, 177-187.e8.	0.6	255
1617	RIP1-mediated mitochondrial dysfunction and ROS production contributed to tumor necrosis factor alpha-induced L929 cell necroptosis and autophagy. <i>International Immunopharmacology</i> , 2012, 14, 674-682.	1.7	68
1618	The major isoforms of Bim contribute to distinct biological activities that govern the processes of autophagy and apoptosis in interleukin-7 dependent lymphocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1877-1893.	1.9	19
1619	Autophagy regulates trans fatty acid-mediated apoptosis in primary cardiac myofibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 2274-2286.	1.9	39
1620	Cardiac glycosides induce autophagy in human non-small cell lung cancer cells through regulation of dual signaling pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1813-1824.	1.2	104
1621	Induction of autophagic cell death of glioma-initiating cells by cell-penetrating d-isomer peptides consisting of Pas and the p53 C-terminus. <i>Biomaterials</i> , 2012, 33, 9061-9069.	5.7	27
1622	JNK-dependent Atg4 upregulation mediates asperphenamate derivative BBP-induced autophagy in MCF-7 cells. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 21-31.	1.3	47
1623	Branched-chain amino acids reduce hindlimb suspension-induced muscle atrophy and protein levels of atrogin-1 and MuRF1 in rats. <i>Nutrition Research</i> , 2012, 32, 676-683.	1.3	75
1624	Survival by self-destruction: A role for autophagy in the placenta?. <i>Placenta</i> , 2012, 33, 591-598.	0.7	39
1625	Targeting Androgen Receptor Leads to Suppression of Prostate Cancer via Induction of Autophagy. <i>Journal of Urology</i> , 2012, 188, 1361-1368.	0.2	36
1626	Hypoxia Negatively Regulates Antimetastatic PEDF in Melanoma Cells by a Hypoxia Inducible Factor-Independent, Autophagy Dependent Mechanism. <i>PLoS ONE</i> , 2012, 7, e32989.	1.1	27
1627	Morphological Analysis of Autophagy. <i>Methods in Molecular Biology</i> , 2012, 931, 449-466.	0.4	9

#	ARTICLE	IF	CITATIONS
1628	Modulating macroautophagy: a neuronal perspective. <i>Future Medicinal Chemistry</i> , 2012, 4, 1715-1731.	1.1	28
1629	Liver autophagy: physiology and pathology. <i>Journal of Biochemistry</i> , 2012, 152, 5-15.	0.9	54
1630	The regulatory mechanism of 4-phenylbutyric acid against ER stress-induced autophagy in human gingival fibroblasts. <i>Archives of Pharmacal Research</i> , 2012, 35, 1269-1278.	2.7	32
1631	Autophagy and cancer. <i>Experimental and Molecular Medicine</i> , 2012, 44, 109.	3.2	257
1632	Autophagy-regulating small molecules and their therapeutic applications. <i>Chemical Society Reviews</i> , 2012, 41, 3245.	18.7	92
1633	Autophagy and Its Comprehensive Impact on ALS. <i>International Journal of Neuroscience</i> , 2012, 122, 695-703.	0.8	44
1635	Inhibition of Autophagy Enhances the Effects of E1A-Defective Oncolytic Adenovirus <i>dl</i> 922 Δ 947 Against Glioma Cells <i>In Vitro</i> and <i>In Vivo</i> . <i>Human Gene Therapy</i> , 2012, 23, 623-634.	1.4	36
1636	Degradation of Endocytosed Gap Junctions by Autophagosomal and Endo-/lysosomal Pathways: A Perspective. <i>Journal of Membrane Biology</i> , 2012, 245, 465-476.	1.0	31
1637	Modulation of glutamine metabolism by the PI(3)K \rightarrow PKB \rightarrow FOXO network regulates autophagy. <i>Nature Cell Biology</i> , 2012, 14, 829-837.	4.6	209
1638	Systemic Bisperoxovanadium Activates Akt/mTOR, Reduces Autophagy, and Enhances Recovery following Cervical Spinal Cord Injury. <i>PLoS ONE</i> , 2012, 7, e30012.	1.1	125
1639	Involvement of Autophagy in Cardiac Remodeling in Transgenic Mice with Cardiac Specific Over-Expression of Human Programmed Cell Death 5. <i>PLoS ONE</i> , 2012, 7, e30097.	1.1	19
1640	Ischemia-Reperfusion Injury Leads to Distinct Temporal Cardiac Remodeling in Normal versus Diabetic Mice. <i>PLoS ONE</i> , 2012, 7, e30450.	1.1	33
1641	Disruption of the Autophagy-Lysosome Pathway Is Involved in Neuropathology of the <i>nclf</i> Mouse Model of Neuronal Ceroid Lipofuscinosis. <i>PLoS ONE</i> , 2012, 7, e35493.	1.1	60
1642	Clinical Utility of LC3 and p62 Immunohistochemistry in Diagnosis of Drug-Induced Autophagic Vacuolar Myopathies: A Case-Control Study. <i>PLoS ONE</i> , 2012, 7, e36221.	1.1	64
1643	TYK2 Kinase Activity Is Required for Functional Type I Interferon Responses <i>In Vivo</i> . <i>PLoS ONE</i> , 2012, 7, e39141.	1.1	54
1644	Myocardial Autophagy after Severe Burn in Rats. <i>PLoS ONE</i> , 2012, 7, e39488.	1.1	29
1645	The E3-Ubiquitin Ligase TRIM50 Interacts with HDAC6 and p62, and Promotes the Sequestration and Clearance of Ubiquitinated Proteins into the Aggresome. <i>PLoS ONE</i> , 2012, 7, e40440.	1.1	76
1646	Mitochondrial Topoisomerase I is Critical for Mitochondrial Integrity and Cellular Energy Metabolism. <i>PLoS ONE</i> , 2012, 7, e41094.	1.1	93

#	ARTICLE	IF	CITATIONS
1647	Dysregulation of Autophagy in Murine Fibroblasts Resistant to HSV-1 Infection. PLoS ONE, 2012, 7, e42636.	1.1	12
1648	Autophagy-Related Atg8 Localizes to the Apicoplast of the Human Malaria Parasite Plasmodium falciparum. PLoS ONE, 2012, 7, e42977.	1.1	75
1649	Differential Effects of Lovastatin on Cisplatin Responses in Normal Human Mesothelial Cells versus Cancer Cells: Implication for Therapy. PLoS ONE, 2012, 7, e45354.	1.1	21
1650	Inhibition of Autophagy Contributes to Ischemic Postconditioning-Induced Neuroprotection against Focal Cerebral Ischemia in Rats. PLoS ONE, 2012, 7, e46092.	1.1	129
1651	Inhibitors of Phosphatidylinositol 3-kinases Promote Mitotic Cell Death in HeLa Cells. PLoS ONE, 2012, 7, e35665.	1.1	67
1652	Autophagy and Apoptosis Act as Partners to Induce Germ Cell Death after Heat Stress in Mice. PLoS ONE, 2012, 7, e41412.	1.1	143
1653	Copper Oxide Nanoparticles Induce Autophagic Cell Death in A549 Cells. PLoS ONE, 2012, 7, e43442.	1.1	140
1654	Chloroquine or Chloroquine-PI3K/Akt Pathway Inhibitor Combinations Strongly Promote β -Irradiation-Induced Cell Death in Primary Stem-Like Glioma Cells. PLoS ONE, 2012, 7, e47357.	1.1	86
1655	Silencing of MicroRNA-21 Confers Radio-Sensitivity through Inhibition of the PI3K/AKT Pathway and Enhancing Autophagy in Malignant Glioma Cell Lines. PLoS ONE, 2012, 7, e47449.	1.1	128
1656	PARP-1 Modulation of mTOR Signaling in Response to a DNA Alkylating Agent. PLoS ONE, 2012, 7, e47978.	1.1	64
1657	Proton-Shuttling Lichen Compound Usnic Acid Affects Mitochondrial and Lysosomal Function in Cancer Cells. PLoS ONE, 2012, 7, e51296.	1.1	26
1658	Autophagy Influences Maternal mRNA Degradation and Apoptosis in Porcine Parthenotes Developing <i>In Vitro</i> . Journal of Reproduction and Development, 2012, 58, 576-584.	0.5	33
1659	Parkin Null Cortical Neuronal/Glial Cultures are Resistant to Amyloid- β 1-42 Toxicity: A Role for Autophagy?. Journal of Alzheimer's Disease, 2012, 32, 57-76.	1.2	13
1660	N-Acetyl Cysteine Protects against Methamphetamine-Induced Dopaminergic Neurodegeneration via Modulation of Redox Status and Autophagy in Dopaminergic Cells. Parkinson's Disease, 2012, 2012, 1-11.	0.6	51
1661	Lysosomal Fusion Dysfunction as a Unifying Hypothesis for Alzheimer's Disease Pathology. International Journal of Alzheimer's Disease, 2012, 2012, 1-10.	1.1	37
1662	Autophagy During Vertebrate Development. Cells, 2012, 1, 428-448.	1.8	41
1663	Time-dependent dual effects of high levels of unconjugated bilirubin on the human blood-brain barrier lining. Frontiers in Cellular Neuroscience, 2012, 6, 22.	1.8	44
1664	Regulation of Autophagy by Protein Phosphorylation. , 0, , .		11

#	ARTICLE	IF	CITATIONS
1665	Therapeutic Potential of SH2 Domain-Containing Inositol-5-Phosphatase 1 (SHIP1) and SHIP2 Inhibition in Cancer. <i>Molecular Medicine</i> , 2012, 18, 65-75.	1.9	91
1666	The role of mTOR signaling in Alzheimer disease. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 941-952.	0.8	185
1667	AUTOCOUNTER, an ImageJ JavaScript to analyze LC3B-GFP expression dynamics in autophagy-induced astrocytoma cells. <i>European Journal of Histochemistry</i> , 2012, 56, 44.	0.6	17
1668	Autophagy contributes to retardation of cardiac growth in diabetic rats. <i>Laboratory Animal Research</i> , 2012, 28, 99.	1.1	39
1669	Neuroprotective Effect of Rapamycin in Optic Nerve Transection Model. <i>Journal of Korean Ophthalmological Society</i> , 2012, 53, 1150.	0.0	0
1670	Nucleocytoplasmic transport blockage by SV40 peptide-modified gold nanoparticles induces cellular autophagy. <i>International Journal of Nanomedicine</i> , 2012, 7, 5215.	3.3	8
1671	Protection against neurotoxicity by an autophagic mechanism. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 401-407.	0.7	16
1672	Autophagy mechanism and physiological relevance brewed from yeast studies. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 1354-1363.	0.8	24
1673	Immunohistochemical and ultrastructural visualization of different routes of oocyte elimination in adult rats. <i>European Journal of Histochemistry</i> , 2012, 56, 17.	0.6	30
1674	Prophylactic effects of swimming exercise on autophagy-induced muscle atrophy in diabetic rats. <i>Laboratory Animal Research</i> , 2012, 28, 171.	1.1	21
1675	Forced Exercise Enhances Functional Recovery after Focal Cerebral Ischemia in Spontaneously Hypertensive Rats. <i>Brain Sciences</i> , 2012, 2, 483-503.	1.1	15
1676	Mitochondrial function in vascular endothelial cell in diabetes. <i>Journal of Smooth Muscle Research</i> , 2012, 48, 1-26.	0.7	71
1677	Autophagy Driven by a Master Regulator of Hematopoiesis. <i>Molecular and Cellular Biology</i> , 2012, 32, 226-239.	1.1	119
1678	Internalized gap junctions are degraded by autophagy. <i>Autophagy</i> , 2012, 8, 794-811.	4.3	106
1679	Activation of autophagy by inflammatory signals limits IL-1 β production by targeting ubiquitinated inflammasomes for destruction. <i>Nature Immunology</i> , 2012, 13, 255-263.	7.0	1,164
1680	Mitochondrial DNA that escapes from autophagy causes inflammation and heart failure. <i>Nature</i> , 2012, 485, 251-255.	13.7	985
1681	Beclin 1-interacting autophagy protein Atg14L targets SNARE-associated protein Snapin to coordinate endocytic trafficking. <i>Journal of Cell Science</i> , 2012, 125, 4740-50.	1.2	50
1682	miRNA-130a Targets <i>ATG2B</i> and <i>DICER1</i> to Inhibit Autophagy and Trigger Killing of Chronic Lymphocytic Leukemia Cells. <i>Cancer Research</i> , 2012, 72, 1763-1772.	0.4	185

#	ARTICLE	IF	CITATIONS
1683	<sc>NOD</sc>2 enhances the innate response of alveolar macrophages to <i>Mycobacterium tuberculosis</i> in humans. <i>European Journal of Immunology</i> , 2012, 42, 880-889.	1.6	99
1684	Disease-specific phenotypes in dopamine neurons from human iPSC-based models of genetic and sporadic Parkinson's disease. <i>EMBO Molecular Medicine</i> , 2012, 4, 380-395.	3.3	501
1685	Autophagy in toxicology: self-consumption in times of stress and plenty. <i>Journal of Applied Toxicology</i> , 2012, 32, 465-479.	1.4	27
1686	Autophagy-related gene, TdAtg8, in wild emmer wheat plays a role in drought and osmotic stress response. <i>Planta</i> , 2012, 236, 1081-1092.	1.6	85
1687	Neuronal Autophagy as a Mediator of Life and Death. <i>Neuroscientist</i> , 2012, 18, 224-236.	2.6	72
1688	ROS-induced DNA damage and PARP-1 are required for optimal induction of starvation-induced autophagy. <i>Cell Research</i> , 2012, 22, 1181-1198.	5.7	201
1689	Deficiency of ATP13A2 Leads to Lysosomal Dysfunction, α -Synuclein Accumulation, and Neurotoxicity. <i>Journal of Neuroscience</i> , 2012, 32, 4240-4246.	1.7	245
1690	Histone deacetylases 1 and 2 regulate autophagy flux and skeletal muscle homeostasis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1649-1654.	3.3	117
1691	New frontiers in promoting tumour cell death: targeting apoptosis, necroptosis and autophagy. <i>Oncogene</i> , 2012, 31, 5045-5060.	2.6	188
1692	Mechanical injury suppresses autophagy regulators and pharmacologic activation of autophagy results in chondroprotection. <i>Arthritis and Rheumatism</i> , 2012, 64, 1182-1192.	6.7	121
1693	Rapamycin treatment inhibits CHO cell death in a serum-free suspension culture by autophagy induction. <i>Biotechnology and Bioengineering</i> , 2012, 109, 3093-3102.	1.7	35
1694	Effect of sodium butyrate on autophagy and apoptosis in Chinese hamster ovary cells. <i>Biotechnology Progress</i> , 2012, 28, 349-357.	1.3	34
1695	Cleavage of Atg3 protein by caspase-8 regulates autophagy during receptor-activated cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 810-820.	2.2	142
1696	Ubiquitin-like proteins and autophagy at a glance. <i>Journal of Cell Science</i> , 2012, 125, 2343-2348.	1.2	43
1697	Autophagy and the Immune System. <i>Annual Review of Immunology</i> , 2012, 30, 611-646.	9.5	282
1698	Macrophage Autophagy in Immunity to <i>Cryptococcus neoformans</i> and <i>Candida albicans</i> . <i>Infection and Immunity</i> , 2012, 80, 3065-3076.	1.0	108
1699	Conditional Expression of Parkinson's Disease-Related Mutant α -Synuclein in the Midbrain Dopaminergic Neurons Causes Progressive Neurodegeneration and Degradation of Transcription Factor Nuclear Receptor Related 1. <i>Journal of Neuroscience</i> , 2012, 32, 9248-9264.	1.7	165
1700	Ginsenoside Rg1 inhibits autophagy in H9c2 cardiomyocytes exposed to hypoxia/reoxygenation. <i>Molecular and Cellular Biochemistry</i> , 2012, 365, 243-250.	1.4	73

#	ARTICLE	IF	CITATIONS
1701	Degradation of mouse NTE-related esterase by macroautophagy and the proteasome. <i>Molecular Biology Reports</i> , 2012, 39, 7125-7131.	1.0	3
1702	Sequestosome 1/p62: a multi-domain protein with multi-faceted functions. <i>Frontiers in Biology</i> , 2012, 7, 189-201.	0.7	5
1703	Involvement of Macroautophagy in Multiple System Atrophy and Protein Aggregate Formation in Oligodendrocytes. <i>Journal of Molecular Neuroscience</i> , 2012, 47, 256-266.	1.1	72
1704	Effects of Lipofectamine 2000/siRNA Complexes on Autophagy in Hepatoma Cells. <i>Molecular Biotechnology</i> , 2012, 51, 1-8.	1.3	34
1705	Roles of the PI3K/Akt pathway and autophagy in TLR3 signaling-induced apoptosis and growth arrest of human prostate cancer cells. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 667-676.	2.0	80
1706	Autophagic adapter protein NBR1 is localized in Lewy bodies and glial cytoplasmic inclusions and is involved in aggregate formation in α -synucleinopathy. <i>Acta Neuropathologica</i> , 2012, 124, 173-186.	3.9	92
1707	Reduced expression of microtubule-associated protein 1 light chain 3 in hypertrophic scars. <i>Archives of Dermatological Research</i> , 2012, 304, 209-215.	1.1	29
1708	Genetics of GABAergic signaling in nicotine and alcohol dependence. <i>Human Genetics</i> , 2012, 131, 843-855.	1.8	36
1709	Newcastle disease virus triggers autophagy in U251 glioma cells to enhance virus replication. <i>Archives of Virology</i> , 2012, 157, 1011-1018.	0.9	77
1710	Induction of Autophagy by Amino Acid Starvation in Fish Cells. <i>Marine Biotechnology</i> , 2012, 14, 491-501.	1.1	43
1711	The effect of the red wine polyphenol resveratrol on a rat model of biliary obstructed cholestasis: involvement of anti-apoptotic signalling, mitochondrial biogenesis and the induction of autophagy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 871-879.	2.2	33
1712	Selective autophagy in the maintenance of cellular homeostasis in aging organisms. <i>Biogerontology</i> , 2012, 13, 21-35.	2.0	83
1713	Antitumor effects of cytoplasmic delivery of an innate adjuvant receptor ligand, poly(I:C), on human breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 134, 89-100.	1.1	41
1714	Autophagy in Lysosomal Myopathies. <i>Brain Pathology</i> , 2012, 22, 82-88.	2.1	67
1715	Autophagy Dysregulation in Amyotrophic Lateral Sclerosis. <i>Brain Pathology</i> , 2012, 22, 110-116.	2.1	135
1716	Potential limitations in the use of KillerRed for fluorescence microscopy. <i>Journal of Microscopy</i> , 2012, 245, 229-235.	0.8	18
1717	Cell death pathways and autophagy in the central nervous system and its involvement in neurodegeneration, immunity and central nervous system infection: to die or not to die - that is the question. <i>Clinical and Experimental Immunology</i> , 2012, 168, 52-57.	1.1	49
1718	Effect of air exposure on lysosomal tissues of <i>Mytilus edulis</i> L. from natural intertidal wild beds and submerged culture ropes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 161, 327-336.	0.8	4

#	ARTICLE	IF	CITATIONS
1719	Transmembrane protein 166 regulates autophagic and apoptotic activities following focal cerebral ischemic injury in rats. <i>Experimental Neurology</i> , 2012, 234, 181-190.	2.0	36
1720	Mechanisms of Autophagosome Biogenesis. <i>Current Biology</i> , 2012, 22, R29-R34.	1.8	400
1721	Autophagy inhibited Ehrlich ascitic tumor cells apoptosis induced by the nitrostyrene derivative compounds: Relationship with cytosolic calcium mobilization. <i>European Journal of Pharmacology</i> , 2012, 678, 6-14.	1.7	17
1722	Cdc48/p97, a key actor in the interplay between autophagy and ubiquitin/proteasome catabolic pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 138-144.	1.9	66
1723	Autophagy inhibition enhances ursolic acid-induced apoptosis in PC3 cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 451-457.	1.9	86
1724	TRIM13 regulates ER stress induced autophagy and clonogenic ability of the cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 316-326.	1.9	75
1725	HO-1 induction in motor cortex and intestinal dysfunction in TDP-43 A315T transgenic mice. <i>Brain Research</i> , 2012, 1460, 88-95.	1.1	61
1726	Expression of autophagy 8 (Atg8) and its role in the midgut and other organs of the greater wax moth, <i>Galleria mellonella</i> , during metamorphic remodelling and under starvation. <i>Insect Molecular Biology</i> , 2012, 21, 473-487.	1.0	38
1727	Melatonin-induced autophagy is associated with degradation of MyoD protein in C2C12 myoblast cells. <i>Journal of Pineal Research</i> , 2012, 53, 289-297.	3.4	20
1728	Membrane recruitment of autophagy proteins in selective autophagy. <i>Hepatology Research</i> , 2012, 42, 435-441.	1.8	5
1729	Paget's Disease of Bone: Evidence for Complex Pathogenetic Interactions. <i>Seminars in Arthritis and Rheumatism</i> , 2012, 41, 619-641.	1.6	51
1730	Enhanced autophagy plays a cardinal role in mitochondrial dysfunction in type 2 diabetic Goto-Kakizaki (GK) rats: ameliorating effects of (-)-epigallocatechin-3-gallate. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 716-724.	1.9	113
1731	Multifunction of autophagy-related genes in filamentous fungi. <i>Microbiological Research</i> , 2012, 167, 339-345.	2.5	55
1732	The first reported generation of several induced pluripotent stem cell lines from homozygous and heterozygous Huntington's disease patients demonstrates mutation related enhanced lysosomal activity. <i>Neurobiology of Disease</i> , 2012, 46, 41-51.	2.1	159
1733	Glyphosate induced cell death through apoptotic and autophagic mechanisms. <i>Neurotoxicology and Teratology</i> , 2012, 34, 344-349.	1.2	97
1734	H1-antihistamines induce vacuolation in astrocytes through macroautophagy. <i>Toxicology and Applied Pharmacology</i> , 2012, 260, 115-123.	1.3	16
1735	Autophagy sustains the replication of porcine reproductive and respiratory virus in host cells. <i>Virology</i> , 2012, 429, 136-147.	1.1	49
1736	Curcumin promotes differentiation of glioma-initiating cells by inducing autophagy. <i>Cancer Science</i> , 2012, 103, 684-690.	1.7	157

#	ARTICLE	IF	CITATIONS
1737	Plant natural compounds: targeting pathways of autophagy as anti-cancer therapeutic agents. <i>Cell Proliferation</i> , 2012, 45, 466-476.	2.4	140
1738	HIV-1, ubiquitin and ubiquitin-like proteins: the dialectic interactions of a virus with a sophisticated network of post-translational modifications. <i>Biology of the Cell</i> , 2012, 104, 165-187.	0.7	12
1739	Autophagy favors <i>Brucella melitensis</i> survival in infected macrophages. <i>Cellular and Molecular Biology Letters</i> , 2012, 17, 249-57.	2.7	41
1740	Coronin-1a inhibits autophagosome formation around <i>Mycobacterium tuberculosis</i> -containing phagosomes and assists mycobacterial survival in macrophages. <i>Cellular Microbiology</i> , 2012, 14, 710-727.	1.1	77
1741	A role of autophagy in <i>Trypanosoma brucei</i> cell death. <i>Cellular Microbiology</i> , 2012, 14, 1242-1256.	1.1	50
1742	Macroautophagy in sporadic and the genetic form of Parkinson's disease with the A53T α -synuclein mutation. <i>Translational Neurodegeneration</i> , 2012, 1, 2.	3.6	24
1743	AMPK promotes skeletal muscle autophagy through activation of forkhead FoxO3a and interaction with Ulk1. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 695-710.	1.2	259
1744	Gamma-tocotrienol induces apoptosis and autophagy in prostate cancer cells by increasing intracellular dihydrosphingosine and dihydroceramide. <i>International Journal of Cancer</i> , 2012, 130, 685-693.	2.3	102
1745	Apigenin, a chemopreventive bioflavonoid, induces AMP-activated protein kinase activation in human keratinocytes. <i>Molecular Carcinogenesis</i> , 2012, 51, 268-279.	1.3	54
1746	Autophagy and mitochondria in Pompe disease: Nothing is so new as what has long been forgotten. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2012, 160C, 13-21.	0.7	93
1747	Infusion of a Glucose Solution Reduces Autophagy in the Liver after LPS-induced Systemic Inflammation. <i>Inflammation</i> , 2012, 35, 249-258.	1.7	8
1748	Decreased expression of Beclin-1 and LC3 in human lung cancer. <i>Molecular Biology Reports</i> , 2012, 39, 259-267.	1.0	80
1749	The expression of damage-regulated autophagy modulator 2 (DRAM2) contributes to autophagy induction. <i>Molecular Biology Reports</i> , 2012, 39, 1087-1093.	1.0	50
1750	Long-term Effects of Recurrent Neonatal Seizures on Neurobehavioral Function and Related Gene Expression and Its Intervention by Inhibitor of Cathepsin B. <i>Neurochemical Research</i> , 2012, 37, 31-39.	1.6	25
1751	A potential estrogen mimetic effect of a bis(ethyl)polyamine analogue on estrogen receptor positive MCF-7 breast cancer cells. <i>Amino Acids</i> , 2012, 42, 899-911.	1.2	2
1752	The polygenetically inherited metabolic syndrome of male WOKW rats is associated with enhanced autophagy in adipose tissue. <i>Diabetology and Metabolic Syndrome</i> , 2013, 5, 23.	1.2	14
1753	Large protein complexes retained in the ER are dislocated by non-COPII vesicles and degraded by selective autophagy. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1985-2002.	2.4	21
1754	The Involvement of Autophagy Pathway in Exaggerated Ischemic Brain Damage in Diabetic Mice. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 753-763.	1.9	39

#	ARTICLE	IF	CITATIONS
1755	Rev-erb- β modulates skeletal muscle oxidative capacity by regulating mitochondrial biogenesis and autophagy. <i>Nature Medicine</i> , 2013, 19, 1039-1046.	15.2	361
1756	5-aminolaevulinic acid/photo-dynamic therapy and gefitinib in non-small cell lung cancer cell lines: a potential strategy to improve gefitinib therapeutic efficacy. <i>Cell Proliferation</i> , 2013, 46, 382-395.	2.4	19
1757	Novel tamoxifen derivative Ridaifen-B induces Bcl-2 independent autophagy without estrogen receptor involvement. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 657-663.	1.0	14
1758	Impairment of autophagy: From hereditary disorder to drug intoxication. <i>Toxicology</i> , 2013, 311, 205-215.	2.0	35
1759	Synthetic polyamines activating autophagy: Effects on cancer cell death. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 359-366.	2.6	12
1760	A Free Radical-Generating System Regulates A β 2PP Metabolism/Processing: Involvement of the Ubiquitin/Proteasome and Autophagy/Lysosome Pathways. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 637-647.	1.2	7
1761	A Review of Reagents for Fluorescence Microscopy of Cellular Compartments and Structures, Part I: BacMam Labeling and Reagents for Vesicular Structures. <i>Current Protocols in Cytometry</i> , 2013, 65, Unit 12.30.	3.7	30
1762	Autophagy is required for exercise training-induced skeletal muscle adaptation and improvement of physical performance. <i>FASEB Journal</i> , 2013, 27, 4184-4193.	0.2	344
1763	Chloroquine inhibits HMGB1 inflammatory signaling and protects mice from lethal sepsis. <i>Biochemical Pharmacology</i> , 2013, 86, 410-418.	2.0	89
1764	Huang-Lian-Jie-Du-Decotion induced protective autophagy against the injury of cerebral ischemia/reperfusion via MAPK-mTOR signaling pathway. <i>Journal of Ethnopharmacology</i> , 2013, 149, 270-280.	2.0	78
1765	Promotion of autophagy at the maturation step by IL-6 is associated with the sustained mitogen-activated protein kinase/extracellular signal-regulated kinase activity. <i>Molecular and Cellular Biochemistry</i> , 2013, 380, 219-227.	1.4	26
1766	The Role of Autophagy Dysregulation in Manganese-Induced Dopaminergic Neurodegeneration. <i>Neurotoxicity Research</i> , 2013, 24, 478-490.	1.3	75
1767	Arginine68 is an essential residue for the C-terminal cleavage of human Atg8 family proteins. <i>BMC Cell Biology</i> , 2013, 14, 27.	3.0	16
1768	Resveratrol abrogates the Temozolomide-induced G2 arrest leading to mitotic catastrophe and reinforces the Temozolomide-induced senescence in glioma cells. <i>BMC Cancer</i> , 2013, 13, 147.	1.1	99
1769	MST1, a key player, in enhancing fast skeletal muscle atrophy. <i>BMC Biology</i> , 2013, 11, 12.	1.7	58
1770	Beclin1 inhibition promotes autophagy and decreases gemcitabine-induced apoptosis in Miapaca2 pancreatic cancer cells. <i>Cancer Cell International</i> , 2013, 13, 26.	1.8	35
1771	The Role of AKT/mTOR Pathway in Stress Response to UV-Irradiation: Implication in Skin Carcinogenesis by Regulation of Apoptosis, Autophagy and Senescence. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15260-15285.	1.8	126
1772	Rapamycin Induces Apoptosis When Autophagy is Inhibited in T-47D Mammary Cells and Both Processes are Regulated by Phlda1. <i>Cell Biochemistry and Biophysics</i> , 2013, 66, 567-587.	0.9	16

#	ARTICLE	IF	CITATIONS
1773	WASH inhibits autophagy through suppression of Beclin 1 ubiquitination. <i>EMBO Journal</i> , 2013, 32, 2685-2696.	3.5	167
1774	Interactions between autophagic and endo-lysosomal markers in endothelial cells. <i>Histochemistry and Cell Biology</i> , 2013, 139, 659-670.	0.8	60
1775	Delayed anesthetic preconditioning protects against myocardial infarction via activation of nuclear factor- κ B and upregulation of autophagy. <i>Journal of Anesthesia</i> , 2013, 27, 251-260.	0.7	55
1776	Implications of autophagy for vascular smooth muscle cell function and plasticity. <i>Free Radical Biology and Medicine</i> , 2013, 65, 693-703.	1.3	86
1777	Amyloid β Peptides Promote Autophagy-Dependent Differentiation of Mouse Neural Stem Cells. <i>Molecular Neurobiology</i> , 2013, 48, 829-840.	1.9	25
1778	A novel protoapigenone analog RY10-4 induces breast cancer MCF-7 cell death through autophagy via the Akt/mTOR pathway. <i>Toxicology and Applied Pharmacology</i> , 2013, 270, 122-128.	1.3	23
1779	Curcumin Ameliorates the Neurodegenerative Pathology in A53T β -synuclein Cell Model of Parkinson's Disease Through the Downregulation of mTOR/p70S6K Signaling and the Recovery of Macroautophagy. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 356-369.	2.1	175
1780	Identification of ROCK1 kinase as a critical regulator of Beclin1-mediated autophagy during metabolic stress. <i>Nature Communications</i> , 2013, 4, 2189.	5.8	134
1781	Impaired autophagic function in rat islets with aging. <i>Age</i> , 2013, 35, 1531-1544.	3.0	47
1782	Autophagy. <i>Advances in Cancer Research</i> , 2013, 118, 61-95.	1.9	161
1783	Autophagy sequesters damaged lysosomes to control lysosomal biogenesis and kidney injury. <i>EMBO Journal</i> , 2013, 32, 2336-2347.	3.5	455
1784	The Alzheimer's β -secretase BACE1 localizes to normal presynaptic terminals and to dystrophic presynaptic terminals surrounding amyloid plaques. <i>Acta Neuropathologica</i> , 2013, 126, 329-352.	3.9	190
1785	Autophagy induced by cathepsin S inhibition induces early ROS production, oxidative DNA damage, and cell death via xanthine oxidase. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1473-1486.	1.3	57
1786	ATM pathway is essential for ionizing radiation-induced autophagy. <i>Cellular Signalling</i> , 2013, 25, 2530-2539.	1.7	41
1787	Phosphatidylethanolamine binding protein 1 in vacuolar endothelial cell autophagy and atherosclerosis. <i>Journal of Physiology</i> , 2013, 591, 5005-5015.	1.3	26
1788	Anthracyclines Induce DNA Damage Response-Mediated Protection against Severe Sepsis. <i>Immunity</i> , 2013, 39, 874-884.	6.6	131
1789	Peste des petits ruminants virus exploits cellular autophagy machinery for replication. <i>Virology</i> , 2013, 437, 28-38.	1.1	24
1790	Protein kinase B/Akt1 inhibits autophagy by down-regulating LVRAG expression. <i>Experimental Cell Research</i> , 2013, 319, 122-133.	1.2	34

#	ARTICLE	IF	CITATIONS
1791	Autophagy and proinflammatory cytokine expression in the intestinal mucosa and mesenteric fat tissue of patients with Crohn's disease. <i>Journal of Coloproctology</i> , 2013, 33, 009-015.	0.1	1
1792	Distinct effects of methamphetamine on autophagy and lysosome and ubiquitin-proteasome systems in HL-1 cultured mouse atrial cardiomyocytes. <i>Toxicology</i> , 2013, 312, 74-82.	2.0	27
1793	Impaired Autophagy in the Lipid-Storage Disorder Niemann-Pick Type C1 Disease. <i>Cell Reports</i> , 2013, 5, 1302-1315.	2.9	232
1794	Lewy Body-like α -Synuclein Aggregates Resist Degradation and Impair Macroautophagy. <i>Journal of Biological Chemistry</i> , 2013, 288, 15194-15210.	1.6	254
1795	H89 (N-[2-p-bromocinnamylamino-ethyl]-5-isoquinolinesulphonamide) induces autophagy independently of protein kinase A inhibition. <i>European Journal of Pharmacology</i> , 2013, 714, 170-177.	1.7	9
1796	Visualization and quantitation of abundant macroautophagy in virus-infected cells by confocal three-dimensional fluorescence imaging. <i>Journal of Virological Methods</i> , 2013, 193, 244-250.	1.0	19
1797	Overexpression of LC3A autophagy protein in follicular and diffuse large B-cell lymphomas. <i>Hematology/ Oncology and Stem Cell Therapy</i> , 2013, 6, 20-25.	0.6	13
1798	Therapeutic Targeting of Autophagy in Disease: Biology and Pharmacology. <i>Pharmacological Reviews</i> , 2013, 65, 1162-1197.	7.1	220
1799	Interleukin-1 receptor-associated kinase M (IRAK-M) promotes human rhinovirus infection in lung epithelial cells via the autophagic pathway. <i>Virology</i> , 2013, 446, 199-206.	1.1	35
1800	Autophagy regulates endothelial cell processing, maturation and secretion of von Willebrand factor. <i>Nature Medicine</i> , 2013, 19, 1281-1287.	15.2	212
1801	The autophagosome: origins unknown, biogenesis complex. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 759-774.	16.1	1,105
1802	MST1 functions as a key modulator of neurodegeneration in a mouse model of ALS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12066-12071.	3.3	84
1803	Regulatory Coordination between Two Major Intracellular Homeostatic Systems. <i>Journal of Biological Chemistry</i> , 2013, 288, 14959-14972.	1.6	133
1804	Heme oxygenase-1 aggravates heat stress-induced neuronal injury and decreases autophagy in cerebellar Purkinje cells of rats. <i>Experimental Biology and Medicine</i> , 2013, 238, 744-754.	1.1	24
1805	Depletion of the 26 S Proteasome Adaptor Ecm29 Increases Toll-Like Receptor 3 Signaling. <i>Science Signaling</i> , 2013, 6, ra86.	1.6	13
1806	Autophagy alleviates neurodegeneration caused by mild impairment of oxidative metabolism. <i>Journal of Neurochemistry</i> , 2013, 126, 805-818.	2.1	29
1807	N-Methyl-N-Nitrosourea Animal Models for Retinitis Pigmentosa. , 2013, , 117-142.		4
1808	Induction of autophagy by TOCP in differentiated human neuroblastoma cells lead to degradation of cytoskeletal components and inhibition of neurite outgrowth. <i>Toxicology</i> , 2013, 310, 92-97.	2.0	54

#	ARTICLE	IF	CITATIONS
1809	Phosphofructokinase deficiency impairs ATP generation, autophagy, and redox balance in rheumatoid arthritis T cells. <i>Journal of Experimental Medicine</i> , 2013, 210, 2119-2134.	4.2	268
1810	Induction of endoplasmic reticulum stress-mediated apoptosis and non-canonical autophagy by luteolin in NCI-H460 lung carcinoma cells. <i>Food and Chemical Toxicology</i> , 2013, 56, 100-109.	1.8	63
1811	Autophagy Negatively Regulates Early Axon Growth in Cortical Neurons. <i>Molecular and Cellular Biology</i> , 2013, 33, 3907-3919.	1.1	78
1812	p53 status determines the role of autophagy in pancreatic tumour development. <i>Nature</i> , 2013, 504, 296-300.	13.7	614
1813	Electromagnetic Pulse Exposure Induces Overexpression of Beta Amyloid Protein in Rats. <i>Archives of Medical Research</i> , 2013, 44, 178-184.	1.5	44
1814	Protective effect of melatonin on TNF α -induced muscle atrophy in L6 myotubes. <i>Journal of Pineal Research</i> , 2013, 54, 417-425.	3.4	15
1815	Selective Modulation of Autophagy, Innate Immunity, and Adaptive Immunity by Small Molecules. <i>ACS Chemical Biology</i> , 2013, 8, 2724-2733.	1.6	56
1816	How Positive-Strand RNA Viruses Benefit from Autophagosome Maturation. <i>Journal of Virology</i> , 2013, 87, 9966-9972.	1.5	60
1817	Possible role of autophagy activation in stimulation of regeneration. <i>Molecular Biology</i> , 2013, 47, 692-700.	0.4	1
1818	Autophagy and metabolic changes in obesity-related chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, iv29-iv36.	0.4	24
1819	Dual effect of capsaicin on cell death in human osteosarcoma G292 cells. <i>European Journal of Pharmacology</i> , 2013, 718, 350-360.	1.7	27
1820	Autophagy-mediated degradation is necessary for regression of cardiac hypertrophy during ventricular unloading. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 787-792.	1.0	50
1821	Exposure to Titanium Dioxide Nanoparticles Induces Autophagy in Primary Human Keratinocytes. <i>Small</i> , 2013, 9, 387-392.	5.2	97
1822	Combination of autophagy inducer rapamycin and oncolytic adenovirus improves antitumor effect in cancer cells. <i>Virology Journal</i> , 2013, 10, 293.	1.4	33
1823	Samsøeum, a traditional herbal medicine, elicits apoptotic and autophagic cell death by inhibiting Akt/mTOR and activating the JNK pathway in cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 233.	3.7	34
1824	Paradoxical roles of autophagy in different stages of tumorigenesis: protector for normal or cancer cells. <i>Cell and Bioscience</i> , 2013, 3, 35.	2.1	84
1825	Protective effect of autophagy inhibition on ischemia-reperfusion-induced injury of N2a cells. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2013, 33, 810-816.	1.0	11
1826	Dopamine- and zinc-induced autophagosome formation facilitates PC12 cell survival. <i>Cell Biology and Toxicology</i> , 2013, 29, 415-429.	2.4	32

#	ARTICLE	IF	CITATIONS
1827	Lipopolysaccharide (LPS)-induced autophagy is involved in the restriction of Escherichia coli in peritoneal mesothelial cells. BMC Microbiology, 2013, 13, 255.	1.3	29
1828	Bit-by-bit autophagic removal of parkin-labelled mitochondria. Nature Communications, 2013, 4, 2428.	5.8	119
1829	Acquired multidrug resistance in human K562/ADM cells is associated with enhanced autophagy. Toxicology Mechanisms and Methods, 2013, 23, 678-683.	1.3	6
1830	Ubiquilin4 is an adaptor protein that recruits Ubiquilin1 to the autophagy machinery. EMBO Reports, 2013, 14, 373-381.	2.0	63
1831	Transient knockdown of presenilin-1 provokes endoplasmic reticulum stress related formation of autophagosomes in HepG2 cells. Archives of Biochemistry and Biophysics, 2013, 538, 57-63.	1.4	17
1832	Clinorotation enhances autophagy in vascular endothelial cells. Biochemistry and Cell Biology, 2013, 91, 309-314.	0.9	16
1833	Resveratrol induces autophagy through death-associated protein kinase 1 (DAPK1) in human dermal fibroblasts under normal culture conditions. Experimental Dermatology, 2013, 22, 491-494.	1.4	25
1834	Apoptosis, senescence, and autophagy in rat nucleus pulposus cells: Implications for diabetic intervertebral disc degeneration. Journal of Orthopaedic Research, 2013, 31, 692-702.	1.2	150
1835	Transcription factor EB (TFEB) is a new therapeutic target for Pompe disease. EMBO Molecular Medicine, 2013, 5, 691-706.	3.3	273
1836	The Role of Autophagy in Early Mammalian Embryonic Development. Journal of Mammalian Ova Research, 2013, 30, 86-94.	0.1	6
1837	Cathepsin B Contributes to Autophagy-related 7 (Atg7)-induced Nod-like Receptor 3 (NLRP3)-dependent Proinflammatory Response and Aggravates Lipotoxicity in Rat Insulinoma Cell Line. Journal of Biological Chemistry, 2013, 288, 30094-30104.	1.6	48
1838	Multifaceted effects of rapamycin on functional recovery after spinal cord injury in rats through autophagy promotion, anti-inflammation, and neuroprotection. Journal of Surgical Research, 2013, 179, e203-e210.	0.8	96
1839	PP2A blockade inhibits autophagy and causes intraneuronal accumulation of ubiquitinated proteins. Neurobiology of Aging, 2013, 34, 770-790.	1.5	46
1840	MIR181A regulates starvation- and rapamycin-induced autophagy through targeting of ATG5. Autophagy, 2013, 9, 374-385.	4.3	154
1841	Visualizing the autophagy pathway in avian cells and its application to studying infectious bronchitis virus. Autophagy, 2013, 9, 496-509.	4.3	39
1842	Inhibitors of cathepsins B and L induce autophagy and cell death in neuroblastoma cells. Investigational New Drugs, 2013, 31, 20-29.	1.2	18
1843	Mutant LRRK2 Elicits Calcium Imbalance and Depletion of Dendritic Mitochondria in Neurons. American Journal of Pathology, 2013, 182, 474-484.	1.9	172
1844	Parkin Protein Deficiency Exacerbates Cardiac Injury and Reduces Survival following Myocardial Infarction. Journal of Biological Chemistry, 2013, 288, 915-926.	1.6	383

#	ARTICLE	IF	CITATIONS
1845	Earle's balanced salts solution and rapamycin differentially regulate the Bacillus Calmette-Guerin-induced maturation of human dendritic cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 162-169.	0.9	5
1846	IFN β /interferon- γ -induced autophagy in MCF-7 breast cancer cells counteracts its proapoptotic function. <i>Autophagy</i> , 2013, 9, 287-302.	4.3	67
1847	Cellular Entry of Human Papillomavirus Type 16 Involves Activation of the Phosphatidylinositol 3-Kinase/Akt/mTOR Pathway and Inhibition of Autophagy. <i>Journal of Virology</i> , 2013, 87, 2508-2517.	1.5	194
1848	Beclin 1 Enhances Proteasome Inhibition-Mediated Cytotoxicity of Thyroid Cancer Cells in Macroautophagy-Independent Manner. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E217-E226.	1.8	12
1849	Dual Role of Dextran Sulfate 5000ÅDa as Anti-Apoptotic and Pro-Autophagy Agent. <i>Molecular Biotechnology</i> , 2013, 54, 711-720.	1.3	10
1850	Autophagic activity in the mouse urinary bladder urothelium as a response to starvation. <i>Protoplasma</i> , 2013, 250, 151-160.	1.0	2
1851	Autophagy, cell death and sustained senescence arrest in B16/F10 melanoma cells and HCT-116 colon carcinoma cells in response to the novel microtubule poison, JG-03-14. <i>Cancer Chemotherapy and Pharmacology</i> , 2013, 71, 441-455.	1.1	26
1852	Identification of a candidate therapeutic autophagy-inducing peptide. <i>Nature</i> , 2013, 494, 201-206.	13.7	669
1853	Monitoring Autophagy in the Treatment of Protein Aggregate Diseases: Steps Toward Identifying Autophagic Biomarkers. <i>Neurotherapeutics</i> , 2013, 10, 383-390.	2.1	11
1854	Photoaffinity Labeling of the Sigma-1 Receptor with N-[3-(4-Nitrophenyl)propyl]-N-dodecylamine: Evidence of Receptor Dimers. <i>Biochemistry</i> , 2013, 52, 859-868.	1.2	31
1855	Chemical screening platforms for autophagy drug discovery to identify therapeutic candidates for Huntington's disease and other neurodegenerative disorders. <i>Drug Discovery Today: Technologies</i> , 2013, 10, e137-e144.	4.0	36
1856	EGFR overexpressing cells and tumors are dependent on autophagy for growth and survival. <i>Radiotherapy and Oncology</i> , 2013, 108, 479-483.	0.3	38
1857	High LC3 expression correlates with poor survival in patients with oral squamous cell carcinoma. <i>Human Pathology</i> , 2013, 44, 2558-2562.	1.1	52
1858	Regulation of autophagic flux by dynein-mediated autophagosomes trafficking in mouse coronary arterial myocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3228-3236.	1.9	27
1859	Inhibition of autophagy with chloroquine is effective in melanoma. <i>Journal of Surgical Research</i> , 2013, 184, 274-281.	0.8	53
1860	Silencing of mitochondrial NADP ⁺ -dependent isocitrate dehydrogenase gene enhances glioma radiosensitivity. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 260-265.	1.0	13
1861	The rationale of targeting mammalian target of rapamycin for ischemic stroke. <i>Cellular Signalling</i> , 2013, 25, 1598-1607.	1.7	41
1862	Epigallocatechin-gallate (EGCG) regulates autophagy in human retinal pigment epithelial cells: A potential role for reducing UVB light-induced retinal damage. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 739-745.	1.0	39

#	ARTICLE	IF	CITATIONS
1863	Dual inhibitor of phosphoinositide 3-kinase/mammalian target of rapamycin NVP-BEZ235 effectively inhibits cisplatin-resistant urothelial cancer cell growth through autophagic flux. <i>Toxicology Letters</i> , 2013, 220, 267-276.	0.4	44
1864	Observation of autophagosome maturation in the interferon- β -primed and lipopolysaccharide-activated macrophages using a tandem fluorescent tagged LC3. <i>Journal of Immunological Methods</i> , 2013, 394, 100-106.	0.6	5
1865	Alteration of autophagosomal proteins in the brain of multiple system atrophy. <i>Neurobiology of Disease</i> , 2013, 49, 190-198.	2.1	50
1866	Sorafenib enhances proteasome inhibitor-mediated cytotoxicity via inhibition of unfolded protein response and keratin phosphorylation. <i>Experimental Cell Research</i> , 2013, 319, 2166-2178.	1.2	20
1867	Application of microscopical techniques in the study of autolysosome dynamics in PC12 neurites. <i>Journal of Microscopy</i> , 2013, 249, 93-98.	0.8	1
1868	Modelling the effect of GRP78 on anti-oestrogen sensitivity and resistance in breast cancer. <i>Interface Focus</i> , 2013, 3, 20130012.	1.5	26
1869	Autophagy and mesenchymal cell fibrogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 972-978.	1.8	16
1870	Autophagy and cancer: taking the "toxic" out of cytotoxics. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 777-789.	1.2	18
1871	Regulated in DNA damage and development 1 (REDD1) promotes cell survival during serum deprivation by sustaining repression of signaling through the mechanistic target of rapamycin in complex 1 (mTORC1). <i>Cellular Signalling</i> , 2013, 25, 2709-2716.	1.7	72
1872	Inhibition of the mitochondrial Hsp90 chaperone network: A novel, efficient treatment strategy for cancer?. <i>Cancer Letters</i> , 2013, 333, 133-146.	3.2	50
1873	Proof of myocardial autophagy by combining antigen retrieval and the avidin-biotin peroxidase complex method. <i>International Journal of Cardiology</i> , 2013, 168, 4843-4844.	0.8	5
1874	Highly purified, multi-wall carbon nanotubes induce light-chain 3B expression in human lung cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 348-353.	1.0	21
1876	Knockdown of TIGAR by RNA interference induces apoptosis and autophagy in HepG2 hepatocellular carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 300-306.	1.0	43
1877	Phospholipase C-related catalytically inactive protein, a novel microtubule-associated protein 1 light chain 3-binding protein, negatively regulates autophagosome formation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 268-274.	1.0	7
1878	Gamma interferon-inducible lysosomal thioreductase (GILT) ablation renders mouse fibroblasts sensitive to dengue virus replication. <i>Virology</i> , 2013, 441, 146-151.	1.1	16
1879	Rapamycin does not affect post-absorptive protein metabolism in human skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 144-151.	1.5	16
1880	Hypothermia may attenuate ischemia/reperfusion-induced cardiomyocyte death by reducing autophagy. <i>International Journal of Cardiology</i> , 2013, 168, 2064-2069.	0.8	23
1881	Autophagy is required for IL-2-mediated fibroblast growth. <i>Experimental Cell Research</i> , 2013, 319, 556-565.	1.2	34

#	ARTICLE	IF	CITATIONS
1882	Resveratrol Reverses Remodeling in Hearts with Large, Old Myocardial Infarctions through Enhanced Autophagy-Activating AMP Kinase Pathway. <i>American Journal of Pathology</i> , 2013, 182, 701-713.	1.9	133
1883	Negatively-regulated necroptosis by autophagy required caspase-6 activation in TNF α -treated murine fibrosarcoma L929 cells. <i>International Immunopharmacology</i> , 2013, 17, 548-555.	1.7	12
1884	HIV-1 gp120 induces autophagy in cardiomyocytes via the NMDA receptor. <i>International Journal of Cardiology</i> , 2013, 167, 2517-2523.	0.8	13
1885	Amurensin G induces autophagy and attenuates cellular toxicities in a rotenone model of Parkinson's disease. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 121-126.	1.0	26
1886	Decreased expression of light chain 3 (LC3) increased the risk of distant metastasis in triple-negative breast cancer. <i>Medical Oncology</i> , 2013, 30, 468.	1.2	10
1887	Ischemic survival and constitutively active autophagy in self-beating atypically-shaped cardiomyocytes (ACMs): characterization of a new subpopulation of heart cells. <i>Journal of Physiological Sciences</i> , 2013, 63, 17-29.	0.9	12
1888	SUMO-1 is Associated with a Subset of Lysosomes in Glial Protein Aggregate Diseases. <i>Neurotoxicity Research</i> , 2013, 23, 1-21.	1.3	39
1889	Expression of autophagy-related markers beclin-1, light chain 3A, light chain 3B and p62 according to the molecular subtype of breast cancer. <i>Histopathology</i> , 2013, 62, 275-286.	1.6	77
1890	Nicotinamide forestalls pathology and cognitive decline in Alzheimer mice: evidence for improved neuronal bioenergetics and autophagy procession. <i>Neurobiology of Aging</i> , 2013, 34, 1564-1580.	1.5	181
1891	Phosphorylation of Atg5 by the Gadd45 β -MEKK4-p38 pathway inhibits autophagy. <i>Cell Death and Differentiation</i> , 2013, 20, 321-332.	5.0	107
1892	Features of autophagic cell death in Plasmodium liver-stage parasites. <i>Autophagy</i> , 2013, 9, 568-580.	4.3	74
1893	M98K-OPTN induces transferrin receptor degradation and RAB12-mediated autophagic death in retinal ganglion cells. <i>Autophagy</i> , 2013, 9, 510-527.	4.3	75
1894	MnO Nanocrystals: A Platform for Integration of MRI and Genuine Autophagy Induction for Chemotherapy. <i>Advanced Functional Materials</i> , 2013, 23, 1534-1546.	7.8	75
1895	Interconnections between apoptotic, autophagic and necrotic pathways: implications for cancer therapy development. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 12-29.	1.6	201
1896	Identification of endoplasmic reticulum stress-inducing agents by antagonizing autophagy: a new potential strategy for identification of anti-cancer therapeutics in B-cell malignancies. <i>Leukemia and Lymphoma</i> , 2013, 54, 2685-2692.	0.6	26
1897	Autophagy and Viruses: Adversaries or Allies?. <i>Journal of Innate Immunity</i> , 2013, 5, 480-493.	1.8	3,100
1898	Inhibition of Glycogen Synthase Kinase-3 Ameliorates β -Amyloid Pathology and Restores Lysosomal Acidification and Mammalian Target of Rapamycin Activity in the Alzheimer Disease Mouse Model. <i>Journal of Biological Chemistry</i> , 2013, 288, 1295-1306.	1.6	193
1899	Autophagosomes form at ER-mitochondria contact sites. <i>Nature</i> , 2013, 495, 389-393.	13.7	1,401

#	ARTICLE	IF	CITATIONS
1900	Upregulated autophagy protects cardiomyocytes from oxidative stress-induced toxicity. <i>Autophagy</i> , 2013, 9, 328-344.	4.3	138
1901	It's a Cell-Eat-Cell World. <i>American Journal of Pathology</i> , 2013, 182, 612-622.	1.9	56
1902	Selective Autophagy and Cancer. , 2013, , 113-125.		0
1903	Autophagy and the Tumor Microenvironment. , 2013, , 167-189.		0
1904	Control of Autophagic Cell Death by Caspase-10 in Multiple Myeloma. <i>Cancer Cell</i> , 2013, 23, 435-449.	7.7	195
1905	Lysosomal basification and decreased autophagic flux in oxidatively stressed trabecular meshwork cells. <i>Autophagy</i> , 2013, 9, 581-594.	4.3	93
1906	Impaired autophagy, chaperone expression, and protein synthesis in response to critical illness interventions in porcine skeletal muscle. <i>Physiological Genomics</i> , 2013, 45, 477-486.	1.0	27
1907	PRIMA-1 induces autophagy in cancer cells carrying mutant or wild type p53. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1904-1913.	1.9	24
1908	Autophagy appears during the development of the mouse lower first molar. <i>Histochemistry and Cell Biology</i> , 2013, 139, 109-118.	0.8	39
1909	Mutant tristetrarolin: a potent inhibitor of malignant glioma cell growth. <i>Journal of Neuro-Oncology</i> , 2013, 113, 195-205.	1.4	23
1910	Autophagy is involved in the effects of resveratrol on prevention of splenocyte apoptosis caused by oxidative stress in restrained mice. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1145-1157.	1.5	21
1911	Crosstalk between the proteasome system and autophagy in the clearance of α -synuclein. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 674-680.	2.8	33
1912	Anti-cell death engineering of CHO cells: Co-overexpression of Bcl-2 for apoptosis inhibition, Beclin-1 for autophagy induction. <i>Biotechnology and Bioengineering</i> , 2013, 110, 2195-2207.	1.7	43
1913	An autophagy-independent role for LC3 in equine arteritis virus replication. <i>Autophagy</i> , 2013, 9, 164-174.	4.3	54
1914	Cell death mechanisms during follicular atresia in <i>Dipetalogaster maxima</i> , a vector of Chagas disease (Hemiptera: Reduviidae). <i>Journal of Insect Physiology</i> , 2013, 59, 532-541.	0.9	16
1915	Rab12 regulates mTORC1 activity and autophagy through controlling the degradation of amino acid transporter PAT4. <i>EMBO Reports</i> , 2013, 14, 450-457.	2.0	87
1916	Induction of Neuronal Mitophagy in Acute Spinal Cord Injury in Rats. <i>Neurotoxicity Research</i> , 2013, 24, 512-522.	1.3	38
1917	Vascular endothelial growth factor is important for brown adipose tissue development and maintenance. <i>FASEB Journal</i> , 2013, 27, 3257-3271.	0.2	80

#	ARTICLE	IF	CITATIONS
1918	Biology and trafficking of ATG9 and ATG16L1, two proteins that regulate autophagosome formation. <i>FEBS Letters</i> , 2013, 587, 1988-1996.	1.3	77
1919	Autophagic cell death induced by resveratrol depends on the Ca ²⁺ /AMPK/mTOR pathway in A549 cells. <i>Biochemical Pharmacology</i> , 2013, 86, 317-328.	2.0	63
1920	Autophagy: A Critical Regulator of Cellular Metabolism and Homeostasis. <i>Molecules and Cells</i> , 2013, 36, 7-16.	1.0	270
1921	Modulation of the autophagy pathway by human tumor viruses. <i>Seminars in Cancer Biology</i> , 2013, 23, 323-328.	4.3	47
1922	Chloroquine blocks the autophagic process in cisplatin-resistant osteosarcoma cells by regulating the expression of p62/SQSTM1. <i>International Journal of Molecular Medicine</i> , 2013, 32, 448-456.	1.8	27
1923	Cardiovascular Autophagy: Crossroads of Pathology, Pharmacology and Toxicology. <i>Cardiovascular Toxicology</i> , 2013, 13, 220-229.	1.1	60
1924	Regulation and Functional Significance of Autophagy in Respiratory Cell Biology and Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 1-9.	1.4	47
1925	A sensitive and quantitative autolysosome probe for detecting autophagic activity in live and prestained fixed cells. <i>Autophagy</i> , 2013, 9, 894-904.	4.3	28
1926	Role of AMPK activation in oxidative cell damage: Implications for alcohol-induced liver disease. <i>Biochemical Pharmacology</i> , 2013, 86, 200-209.	2.0	121
1927	Human papillomavirus infection is inhibited by host autophagy in primary human keratinocytes. <i>Virology</i> , 2013, 437, 12-19.	1.1	81
1928	Differential autophagic cell death under stress with ectopic cytoplasmic and mitochondrial-specific PPP2R2B in human neuroblastoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 627-638.	2.2	4
1929	The Pro-Survival Role of Autophagy Depends on Bcl-2 Under Nutrition Stress Conditions. <i>PLoS ONE</i> , 2013, 8, e63232.	1.1	48
1930	Propofol prevents cerebral ischemia-triggered autophagy activation and cell death in the rat hippocampus through the NF- κ B/p53 signaling pathway. <i>Neuroscience</i> , 2013, 246, 117-132.	1.1	93
1931	Why should autophagic flux be assessed?. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 595-599.	2.8	245
1932	Quantitative Analysis of Autophagy using Advanced 3D Fluorescence Microscopy. <i>Journal of Visualized Experiments</i> , 2013, , e50047.	0.2	2
1933	Tougu Xiaotong capsule inhibits the tidemark replication and cartilage degradation of papain-induced osteoarthritis by the regulation of chondrocyte autophagy. <i>International Journal of Molecular Medicine</i> , 2013, 31, 1349-1356.	1.8	24
1934	Autolysosomal β -catenin degradation regulates Wnt-autophagy-p62 crosstalk. <i>EMBO Journal</i> , 2013, 32, 1903-1916.	3.5	259
1935	In search of new targets for retinal neuroprotection: is there a role for autophagy?. <i>Current Opinion in Pharmacology</i> , 2013, 13, 72-77.	1.7	25

#	ARTICLE	IF	CITATIONS
1936	Lysosome vacuolation disrupts the completion of autophagy during norephedrine exposure in SH-SY5Y human neuroblastoma cells. <i>Brain Research</i> , 2013, 1490, 9-22.	1.1	16
1937	Involvement of endoplasmic reticulum and autophagy in microcystin-LR toxicity in Vero-E6 and HepG2 cell lines. <i>Toxicology in Vitro</i> , 2013, 27, 138-148.	1.1	42
1938	Crosstalk Between Autophagy and Apoptosis in RAW 264.7 Macrophages Infected With Ectromelia Orthopoxvirus. <i>Viral Immunology</i> , 2013, 26, 322-335.	0.6	13
1939	Regulation of autophagy in rat hepatocytes treated <i>in vitro</i> with low concentration of mercury. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 504-504.	0.6	7
1940	Enhanced antitumor effect of lower-dose and longer-term CPT-11 treatment in combination with low-dose celecoxib against neuroblastoma xenografts. <i>International Journal of Clinical Oncology</i> , 2013, 18, 116-125.	1.0	5
1941	Regulation of autophagy by mTOR-dependent and mTOR-independent pathways: autophagy dysfunction in neurodegenerative diseases and therapeutic application of autophagy enhancers. <i>Biochemical Society Transactions</i> , 2013, 41, 1103-1130.	1.6	309
1942	Enhancement of chondrocyte autophagy is an early response in the degenerative cartilage of the temporomandibular joint to biomechanical dental stimulation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 423-434.	2.2	43
1943	Patterns of autophagy in urothelial cell carcinomas—the significance of stone-like structures (SLS) in transurethral resection biopsies. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2013, 31, 1254-1260.	0.8	10
1944	Non-canonical Autophagy: Facts and Prospects. <i>Current Pathobiology Reports</i> , 2013, 1, 263-271.	1.6	18
1945	Ghrelin induces apoptosis in colon adenocarcinoma cells via proteasome inhibition and autophagy induction. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1188-1200.	2.2	42
1946	Autophagy Protects the Retina from Light-induced Degeneration. <i>Journal of Biological Chemistry</i> , 2013, 288, 7506-7518.	1.6	122
1947	Toll-like receptor 2 ligands promote microglial cell death by inducing autophagy. <i>FASEB Journal</i> , 2013, 27, 299-312.	0.2	46
1948	SVCT-2 in breast cancer acts as an indicator for L-ascorbate treatment. <i>Oncogene</i> , 2013, 32, 1508-1517.	2.6	70
1949	Eat-Me: Autophagy, Phagocytosis, and Reactive Oxygen Species Signaling. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 677-691.	2.5	138
1950	Harmol induces autophagy and subsequent apoptosis in U251MG human glioma cells through the downregulation of survivin. <i>Oncology Reports</i> , 2013, 29, 1333-1342.	1.2	26
1951	Indirubin-3-monoxime promotes autophagic and apoptotic death in JM1 human acute lymphoblastic leukemia cells and K562 human chronic myelogenous leukemia cells. <i>Oncology Reports</i> , 2013, 29, 2072-2078.	1.2	19
1952	Inhibition of Intracellular Bacterial Replication in Fibroblasts Is Dependent on the Perforin-Like Protein (Perforin-2) Encoded by Macrophage-Expressed Gene 1. <i>Journal of Innate Immunity</i> , 2013, 5, 185-194.	1.8	69
1953	Defective autophagy in spastizin mutated patients with hereditary spastic paraparesis type 15. <i>Brain</i> , 2013, 136, 3119-3139.	3.7	74

#	ARTICLE	IF	CITATIONS
1954	Kaposi's Sarcoma-Associated Herpesvirus K7 Modulates Rubicon-Mediated Inhibition of Autophagosome Maturation. <i>Journal of Virology</i> , 2013, 87, 12499-12503.	1.5	72
1955	Autophagy in endothelial progenitor cells is cytoprotective in hypoxic conditions. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C617-C626.	2.1	51
1956	Exercise restores decreased physical activity levels and increases markers of autophagy and oxidative capacity in myostatin/activin-blocked mdx mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E171-E182.	1.8	38
1957	4-Hydroxytamoxifen Induces Autophagic Death through K-Ras Degradation. <i>Cancer Research</i> , 2013, 73, 4395-4405.	0.4	60
1958	Autophagy Promotes Oligodendrocyte Survival and Function following Dysmyelination in a Long-Lived Myelin Mutant. <i>Journal of Neuroscience</i> , 2013, 33, 8088-8100.	1.7	57
1959	Suppressed Expression of Autophagosomal Protein <scp>LC3</scp> in Cortical Tubers of Tuberous Sclerosis Complex. <i>Brain Pathology</i> , 2013, 23, 254-262.	2.1	14
1960	Subcellular localization-dependent changes in EGFP fluorescence lifetime measured by time-resolved flow cytometry. <i>Biomedical Optics Express</i> , 2013, 4, 1390.	1.5	33
1962	Evolutionary Analysis of <i>Burkholderia pseudomallei</i> Identifies Putative Novel Virulence Genes, Including a Microbial Regulator of Host Cell Autophagy. <i>Journal of Bacteriology</i> , 2013, 195, 5487-5498.	1.0	16
1963	Inhibition of glioma growth by minocycline is mediated through endoplasmic reticulum stress-induced apoptosis and autophagic cell death. <i>Neuro-Oncology</i> , 2013, 15, 1127-1141.	0.6	36
1964	Myc inhibition impairs autophagosome formation. <i>Human Molecular Genetics</i> , 2013, 22, 5237-5248.	1.4	54
1965	Self-Eating: Friend or Foe? The Emerging Role of Autophagy in Idiopathic Pulmonary Fibrosis. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	23
1966	Acute Inhibition of Excessive Mitochondrial Fission After Myocardial Infarction Prevents Long-term Cardiac Dysfunction. <i>Journal of the American Heart Association</i> , 2013, 2, e000461.	1.6	266
1967	Determination of mitochondrial fragmentation and autophagosome formation in C2C12 skeletal muscle cells. <i>Turkish Journal of Medical Sciences</i> , 2013, 43, 775-781.	0.4	6
1968	Insufficient autophagy in idiopathic pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L56-L69.	1.3	259
1969	Inhibition of the mammalian target of rapamycin leads to autophagy activation and cell death of MG63 osteosarcoma cells. <i>Oncology Letters</i> , 2013, 6, 1465-1469.	0.8	29
1970	Interplay between autophagy and apoptosis in the development of <i>Danio rerio</i> follicles and the effects of a probiotic. <i>Reproduction, Fertility and Development</i> , 2013, 25, 1115.	0.1	59
1971	Modulating Autophagy Improves Cardiac Function in a Rat Model of Early-Stage Dilated Cardiomyopathy. <i>Cardiology</i> , 2013, 125, 60-68.	0.6	17
1972	Conditional ablation of HMGB1 in mice reveals its protective function against endotoxemia and bacterial infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20699-20704.	3.3	170

#	ARTICLE	IF	CITATIONS
1973	The antipsychotic agent chlorpromazine induces autophagic cell death by inhibiting the Akt/mTOR pathway in human U-87MG glioma cells. <i>Carcinogenesis</i> , 2013, 34, 2080-2089.	1.3	123
1974	Infection with Usutu Virus Induces an Autophagic Response in Mammalian Cells. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2509.	1.3	31
1975	Onjisaponin B Derived from Radix Polygalae Enhances Autophagy and Accelerates the Degradation of Mutant α -Synuclein and Huntingtin in PC-12 Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 22618-22641.	1.8	111
1976	Bioenergetic and autophagic control by Sirt3 response to nutrient deprivation in mouse embryonic fibroblasts. <i>Biochemical Journal</i> , 2013, 454, 249-257.	1.7	64
1977	Role of reduced manganese superoxide dismutase in ischemia-reperfusion injury: a possible trigger for autophagy and mitochondrial biogenesis?. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F257-F267.	1.3	37
1978	PSF Knockdown Enhances Apoptosis via Downregulation of LC3B in Human Colon Cancer Cells. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	11
1979	Oyaksungisan, a Traditional Herbal Formula, Inhibits Cell Proliferation by Induction of Autophagy via NK Activation in Human Colon Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	0.5	15
1980	Mitochondrion-associated protein LRPPRC suppresses the initiation of basal levels of autophagy via enhancing Bcl-2 stability. <i>Biochemical Journal</i> , 2013, 454, 447-457.	1.7	53
1981	Insulin Suppresses Atrophy- and Autophagy-related Genes in Heart Tissue and Cardiomyocytes Through AKT/FOXO Signaling. <i>Hormone and Metabolic Research</i> , 2013, 45, 849-855.	0.7	52
1982	Roles of autophagy-related genes Beclin-1 and LC3 in the development and progression of prostate cancer and benign prostatic hyperplasia. <i>Biomedical Reports</i> , 2013, 1, 855-860.	0.9	54
1983	Blocking Autophagic Flux Enhances Matrine-Induced Apoptosis in Human Hepatoma Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23212-23230.	1.8	29
1984	Francisella tularensis Harvests Nutrients Derived via ATG5-Independent Autophagy to Support Intracellular Growth. <i>PLoS Pathogens</i> , 2013, 9, e1003562.	2.1	109
1985	NLRP3 promotes autophagy of urate crystals phagocytized by human osteoblasts. <i>Arthritis Research and Therapy</i> , 2013, 15, R176.	1.6	38
1986	The HSP70 and Autophagy Inhibitor Pifithrin-1 Enhances the Antitumor Effects of TRAIL on Human Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 341-351.	1.9	41
1987	Dysregulated phosphatidylinositol signaling promotes endoplasmic-reticulum-stress-mediated intestinal mucosal injury and inflammation in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 93-106.	1.2	41
1988	Mechanisms of palmitate-induced cell death in human osteoblasts. <i>Biology Open</i> , 2013, 2, 1382-1389.	0.6	52
1989	Nucleoside Reverse Transcriptase Inhibitors Induce a Mitophagy-Associated Endothelial Cytotoxicity That Is Reversed by Coenzyme Q10 Cotreatment. <i>Toxicological Sciences</i> , 2013, 134, 323-334.	1.4	17
1990	Bortezomib induces apoptosis and autophagy in osteosarcoma cells through mitogen-activated protein kinase pathway <i>in vitro</i> . <i>Journal of International Medical Research</i> , 2013, 41, 1505-1519.	0.4	34

#	ARTICLE	IF	CITATIONS
1991	Endosome-mediated autophagy. <i>Autophagy</i> , 2013, 9, 861-880.	4.3	35
1992	PRKCB/protein kinase C, beta and the mitochondrial axis as key regulators of autophagy. <i>Autophagy</i> , 2013, 9, 1367-1385.	4.3	70
1993	Temporal analysis of recruitment of mammalian ATG proteins to the autophagosome formation site. <i>Autophagy</i> , 2013, 9, 1491-1499.	4.3	196
1994	Membrane remodeling by the PX-BAR protein SNX18 promotes autophagosome formation. <i>Journal of Cell Biology</i> , 2013, 202, 331-349.	2.3	154
1995	CD40 Induces Anti-Toxoplasma gondii Activity in Nonhematopoietic Cells Dependent on Autophagy Proteins. <i>Infection and Immunity</i> , 2013, 81, 2002-2011.	1.0	57
1996	Redox-Sensitive Endoplasmic Reticulum Stress and Autophagy at Rostral Ventrolateral Medulla Contribute to Hypertension in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2013, 61, 1270-1280.	1.3	52
1997	Prognostic impact of Beclin 1, p62/sequestosome 1 and LC3 protein expression in colon carcinomas from patients receiving 5-fluorouracil as adjuvant chemotherapy. <i>Cancer Biology and Therapy</i> , 2013, 14, 100-107.	1.5	122
1998	After the banquet. <i>Autophagy</i> , 2013, 9, 1663-1676.	4.3	251
1999	Application of a novel cell-permeable peptide-driven protein delivery in mouse blastocysts. <i>Reproduction</i> , 2013, 146, 145-153.	1.1	6
2000	Host Cell Autophagy Modulates Early Stages of Adenovirus Infections in Airway Epithelial Cells. <i>Journal of Virology</i> , 2013, 87, 2307-2319.	1.5	32
2001	The Autophagy Inhibitor Verteporfin Moderately Enhances the Antitumor Activity of Gemcitabine in a Pancreatic Ductal Adenocarcinoma Model. <i>Journal of Cancer</i> , 2013, 4, 585-596.	1.2	95
2002	The VMP1-Beclin 1 interaction regulates autophagy induction. <i>Scientific Reports</i> , 2013, 3, 1055.	1.6	138
2003	Targeting the Deregulated Spliceosome Core Machinery in Cancer Cells Triggers mTOR Blockade and Autophagy. <i>Cancer Research</i> , 2013, 73, 2247-2258.	0.4	86
2004	Uncovering a role for endocannabinoid signaling in autophagy in preimplantation mouse embryos. <i>Molecular Human Reproduction</i> , 2013, 19, 93-101.	1.3	19
2005	Chemoprevention of Prostate Cancer by <scpd></scpd>, <scpl></scpl>-Sulforaphane Is Augmented by Pharmacological Inhibition of Autophagy. <i>Cancer Research</i> , 2013, 73, 5985-5995.	0.4	44
2006	Regulation of mitophagy by the Gp78 E3 ubiquitin ligase. <i>Molecular Biology of the Cell</i> , 2013, 24, 1153-1162.	0.9	162
2007	Novel Role for SHP-2 in Nutrient-Responsive Control of S6 Kinase 1 Signaling. <i>Molecular and Cellular Biology</i> , 2013, 33, 293-306.	1.1	24
2008	Alternative Pre-mRNA Splicing, Cell Death, and Cancer. <i>Cancer Treatment and Research</i> , 2013, 158, 181-212.	0.2	8

#	ARTICLE	IF	CITATIONS
2009	The role of charged multivesicular body protein 5 in programmed cell death in leukemic cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 383-390.	0.9	9
2010	Cross-Species Withdrawal of MCL1 Facilitates Postpartum Uterine Involution in Both the Mouse and Baboon. <i>Endocrinology</i> , 2013, 154, 4873-4884.	1.4	11
2011	p62/Sequestosome-1 Up-regulation Promotes ABT-263-induced Caspase-8 Aggregation/Activation on the Autophagosome. <i>Journal of Biological Chemistry</i> , 2013, 288, 33654-33666.	1.6	92
2012	Two-Colored Fluorescence Correlation Spectroscopy Screening for LC3-P62 Interaction Inhibitors. <i>Journal of Biomolecular Screening</i> , 2013, 18, 1103-1109.	2.6	16
2013	Role of Autophagy in Cancer. , 0, , .		1
2014	The endoplasmic reticulum stress inhibitor salubrinal inhibits the activation of autophagy and neuroprotection induced by brain ischemic preconditioning. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 657-666.	2.8	75
2015	Sustained accurate recording of intracellular acidification in living tissues with a photo-controllable bioluminescent protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9332-9337.	3.3	23
2016	Ablation of Dihydroceramide Desaturase 1, a Therapeutic Target for the Treatment of Metabolic Diseases, Simultaneously Stimulates Anabolic and Catabolic Signaling. <i>Molecular and Cellular Biology</i> , 2013, 33, 2353-2369.	1.1	78
2017	Activation of Autophagy Pathway Suppresses the Expression of iNOS, IL6 and Cell Death of LPS-Stimulated Microglia Cells. <i>Biomolecules and Therapeutics</i> , 2013, 21, 21-28.	1.1	74
2018	4-hydroxytamoxifen leads to PrPsc clearance by conveying both PrPC and PrPSc to lysosomes independently of autophagy. <i>Journal of Cell Science</i> , 2013, 126, 1345-54.	1.2	34
2019	Enhancement of Autophagy by Simvastatin through Inhibition of Rac1-mTOR Signaling Pathway in Coronary Arterial Myocytes. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 925-937.	1.1	121
2020	Vitexin 6, a novel lignan, induces autophagy and apoptosis by activating the Jun N-terminal kinase pathway. <i>Anti-Cancer Drugs</i> , 2013, 24, 928-936.	0.7	25
2021	Macroautophagy substrates are loaded onto MHC class II of medullary thymic epithelial cells for central tolerance. <i>Journal of Experimental Medicine</i> , 2013, 210, 287-300.	4.2	139
2022	<i>Vibrio</i> effector protein, VopQ, forms a lysosomal gated channel that disrupts host ion homeostasis and autophagic flux. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11559-11564.	3.3	50
2023	Loss of MCL-1 leads to impaired autophagy and rapid development of heart failure. <i>Genes and Development</i> , 2013, 27, 1365-1377.	2.7	221
2024	Early Delivery of Misfolded PrP from ER to Lysosomes by Autophagy. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-18.	1.0	21
2025	Rescue of Dysfunctional Autophagy Attenuates Hyperinflammatory Responses from Cystic Fibrosis Cells. <i>Journal of Immunology</i> , 2013, 190, 1227-1238.	0.4	67
2026	Autophagy modulates cell migration and β 1 integrin membrane recycling. <i>Cell Cycle</i> , 2013, 12, 3317-3328.	1.3	94

#	ARTICLE	IF	CITATIONS
2027	ISG15 Deregulates Autophagy in Genotoxin-treated Ataxia Telangiectasia Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 2388-2402.	1.6	30
2028	Telomelysin shows potent antitumor activity through apoptotic and non-apoptotic cell death in soft tissue sarcoma cells. <i>Cancer Science</i> , 2013, 104, 1178-1188.	1.7	5
2029	The Bcl-2/Bcl-XL inhibitor ABT-737 promotes death of retinoblastoma cancer cells. <i>Ophthalmic Genetics</i> , 2013, 34, 1-13.	0.5	12
2030	Type calcium channel blockers inhibit autophagy and promote apoptosis of malignant melanoma cells. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 874-885.	1.5	57
2031	Increased Macroautophagy in the Pathological Process of Intervertebral Disc Degeneration in Rats. <i>Connective Tissue Research</i> , 2013, 54, 22-28.	1.1	57
2032	Host and bacterial factors that regulate LC3 recruitment to <i>Listeria monocytogenes</i> during the early stages of macrophage infection. <i>Autophagy</i> , 2013, 9, 985-995.	4.3	108
2033	Ubiquitin Regulates Caspase Recruitment Domain-mediated Signaling by Nucleotide-binding Oligomerization Domain-containing Proteins NOD1 and NOD2. <i>Journal of Biological Chemistry</i> , 2013, 288, 6890-6902.	1.6	35
2034	The p17 Nonstructural Protein of Avian Reovirus Triggers Autophagy Enhancing Virus Replication via Activation of Phosphatase and Tensin Deleted on Chromosome 10 (PTEN) and AMP-activated Protein Kinase (AMPK), as well as dsRNA-dependent Protein Kinase (PKR)/eIF2 \pm Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2013, 288, 3571-3584.	1.6	74
2035	Nilotinib Induces Autophagy in Hepatocellular Carcinoma through AMPK Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 18249-18259.	1.6	82
2036	Proteasome-dependent Activation of Mammalian Target of Rapamycin Complex 1 (mTORC1) Is Essential for Autophagy Suppression and Muscle Remodeling Following Denervation. <i>Journal of Biological Chemistry</i> , 2013, 288, 1125-1134.	1.6	91
2037	Modulation of Serines 17 and 24 in the LC3-interacting Region of Bnip3 Determines Pro-survival Mitophagy versus Apoptosis. <i>Journal of Biological Chemistry</i> , 2013, 288, 1099-1113.	1.6	374
2038	Live-cell imaging of <i>Aspergillus nidulans</i> autophagy. <i>Autophagy</i> , 2013, 9, 1024-1043.	4.3	50
2039	ATG5 is induced by DNA-damaging agents and promotes mitotic catastrophe independent of autophagy. <i>Nature Communications</i> , 2013, 4, 2130.	5.8	136
2040	LC3 fluorescent puncta in autophagosomes or in protein aggregates can be distinguished by FRAP analysis in living cells. <i>Autophagy</i> , 2013, 9, 756-769.	4.3	26
2041	Androgens Promote Prostate Cancer Cell Growth through Induction of Autophagy. <i>Molecular Endocrinology</i> , 2013, 27, 280-295.	3.7	80
2042	Detection of the HIV-1 Minus-Strand-Encoded Antisense Protein and Its Association with Autophagy. <i>Journal of Virology</i> , 2013, 87, 5089-5105.	1.5	38
2043	The Cellular Autophagy Pathway Modulates Human T-Cell Leukemia Virus Type 1 Replication. <i>Journal of Virology</i> , 2013, 87, 1699-1707.	1.5	41
2044	A Proautophagic Antiviral Role for the Cellular Prion Protein Identified by Infection with a Herpes Simplex Virus 1 ICP34.5 Mutant. <i>Journal of Virology</i> , 2013, 87, 5882-5894.	1.5	19

#	ARTICLE	IF	CITATIONS
2045	BAG3-dependent noncanonical autophagy induced by proteasome inhibition in HepG2 cells. <i>Autophagy</i> , 2013, 9, 905-916.	4.3	44
2046	Signal transducer and activator of transcription-1 localizes to the mitochondria and modulates mitophagy. <i>Jak-stat</i> , 2013, 2, e25666.	2.2	31
2047	Î²-adrenergic receptor-stimulated lipolysis requires the RAB7-mediated autolysosomal lipid degradation. <i>Autophagy</i> , 2013, 9, 1228-1243.	4.3	102
2048	Macrophage migration inhibitory factor plays a permissive role in the maintenance of cardiac contractile function under starvation through regulation of autophagy. <i>Cardiovascular Research</i> , 2013, 99, 412-421.	1.8	50
2049	Pyruvium targets autophagy addiction to promote cancer cell death. <i>Cell Death and Disease</i> , 2013, 4, e614-e614.	2.7	45
2050	BECN1 and BIM interactions with MCL-1 determine fludarabine resistance in leukemic B cells. <i>Cell Death and Disease</i> , 2013, 4, e628-e628.	2.7	35
2051	Bcl-2-dependent upregulation of autophagy by sequestosome 1/p62 in vitro. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 651-656.	2.8	44
2052	A ginseng metabolite, compound K, induces autophagy and apoptosis via generation of reactive oxygen species and activation of JNK in human colon cancer cells. <i>Cell Death and Disease</i> , 2013, 4, e750-e750.	2.7	135
2053	Survival motor neuron protein reduction deregulates autophagy in spinal cord motoneurons in vitro. <i>Cell Death and Disease</i> , 2013, 4, e686-e686.	2.7	29
2054	Neolbaconol induces energy depletion and multiple cell death in cancer cells by targeting PDK1-PI3-K/Akt signaling pathway. <i>Cell Death and Disease</i> , 2013, 4, e804-e804.	2.7	58
2055	Transactivation of Atg4b by C/EBPÎ² Promotes Autophagy To Facilitate Adipogenesis. <i>Molecular and Cellular Biology</i> , 2013, 33, 3180-3190.	1.1	83
2056	<i>Plasmodium falciparum</i> ATG8 implicated in both autophagy and apicoplast formation. <i>Autophagy</i> , 2013, 9, 1540-1552.	4.3	77
2057	Induction of Autophagic Cell Death in the Rat Brain Caused by Iron. <i>American Journal of the Medical Sciences</i> , 2013, 345, 369-374.	0.4	25
2058	Efavirenz induces autophagy and aberrant differentiation in normal human keratinocytes. <i>International Journal of Molecular Medicine</i> , 2013, 31, 1305-1312.	1.8	13
2059	Ophiopogonin B-induced autophagy in non-small cell lung cancer cells via inhibition of the PI3K/Akt signaling pathway. <i>Oncology Reports</i> , 2013, 29, 430-436.	1.2	71
2060	Cytoprotective role of autophagy during paclitaxel-induced apoptosis in Saos-2 osteosarcoma cells. <i>International Journal of Oncology</i> , 2013, 42, 1985-1992.	1.4	37
2061	Tuning Magnetic Property and Autophagic Response for Self-Assembled Ni-Co Alloy Nanocrystals. <i>Advanced Functional Materials</i> , 2013, 23, 5930-5940.	7.8	47
2063	EtBr-induced selective degradation of mitochondria occurs via autophagy. <i>Oncology Reports</i> , 2013, 30, 1201-1208.	1.2	6

#	ARTICLE	IF	CITATIONS
2064	Synthesis of Autophagosomal Marker Protein LC3 under Detergent-Free Conditions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4858-4862.	7.2	92
2065	Enhanced autophagic flux by endoplasmic reticulum stress in human hepatocellular carcinoma cells contributes to the maintenance of cell viability. <i>Oncology Reports</i> , 2013, 30, 433-440.	1.2	8
2066	Resveratrol Couples Apoptosis with Autophagy in UVB-Irradiated HaCaT Cells. <i>PLoS ONE</i> , 2013, 8, e80728.	1.1	56
2067	DRAM1 Regulates Autophagy Flux through Lysosomes. <i>PLoS ONE</i> , 2013, 8, e63245.	1.1	78
2068	Two ubiquitin-like conjugation systems that mediate membrane formation during autophagy. <i>Essays in Biochemistry</i> , 2013, 55, 39-50.	2.1	233
2069	Oleifolioside B-mediated autophagy promotes apoptosis in A549 human non-small cell lung cancer cells. <i>International Journal of Oncology</i> , 2013, 43, 1943-1950.	1.4	22
2070	Evodiamine activates autophagy as a cytoprotective response in murine Lewis lung carcinoma cells. <i>Oncology Reports</i> , 2013, 29, 481-490.	1.2	21
2071	Apoptosis induced by PGC-1 β in breast cancer cells is mediated by the mTOR pathway. <i>Oncology Reports</i> , 2013, 30, 1631-1638.	1.2	12
2072	Autophagy in Redox Signalling. <i>Hanyang Medical Reviews</i> , 2013, 33, 83.	0.4	3
2073	ABT-737 accelerates butyrate-induced death of HL-60 cells. Involvement of mitochondrial apoptosis pathway. <i>General Physiology and Biophysics</i> , 2013, 32, 505-516.	0.4	4
2074	Autophagy-related protein LC3 and Beclin-1 in the first trimester of pregnancy. <i>Clinical and Experimental Reproductive Medicine</i> , 2013, 40, 33.	0.5	43
2075	Growth Factor Receptor-Bound Protein 2 Promotes Autophagic Removal of Amyloid- β Protein Precursor Intracellular Domain Overload in Neuronal Cells. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 881-895.	1.2	12
2076	Regulation of Cigarette Smoke (CS)-Induced Autophagy by Nrf2. <i>PLoS ONE</i> , 2013, 8, e55695.	1.1	36
2077	mTOR-Controlled Autophagy Requires Intracellular Ca ²⁺ Signaling. <i>PLoS ONE</i> , 2013, 8, e61020.	1.1	94
2078	Role for Chlamydial Inclusion Membrane Proteins in Inclusion Membrane Structure and Biogenesis. <i>PLoS ONE</i> , 2013, 8, e63426.	1.1	62
2079	Rapamycin Upregulates Autophagy by Inhibiting the mTOR-ULK1 Pathway, Resulting in Reduced Podocyte Injury. <i>PLoS ONE</i> , 2013, 8, e63799.	1.1	84
2080	Transmembrane Protein 208: A Novel ER-Localized Protein That Regulates Autophagy and ER Stress. <i>PLoS ONE</i> , 2013, 8, e64228.	1.1	20
2081	Aberrant Expression of Beclin-1 and LC3 Correlates with Poor Prognosis of Human Hypopharyngeal Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2013, 8, e69038.	1.1	64

#	ARTICLE	IF	CITATIONS
2082	Autophagic Impairment Contributes to Systemic Inflammation-Induced Dopaminergic Neuron Loss in the Midbrain. <i>PLoS ONE</i> , 2013, 8, e70472.	1.1	30
2083	Decreased Autophagy Contributes to Myocardial Dysfunction in Rats Subjected to Nonlethal Mechanical Trauma. <i>PLoS ONE</i> , 2013, 8, e71400.	1.1	7
2084	E1-Like Activating Enzyme Atg7 Is Preferentially Sequestered into p62 Aggregates via Its Interaction with LC3-I. <i>PLoS ONE</i> , 2013, 8, e73229.	1.1	22
2085	The Carboxyl-Terminal Amino Acids Render Pro-Human LC3B Migration Similar to Lipidated LC3B in SDS-PAGE. <i>PLoS ONE</i> , 2013, 8, e74222.	1.1	25
2086	Cathepsin L Plays a Role in Quinolinic Acid-Induced NF- κ B Activation and Excitotoxicity in Rat Striatal Neurons. <i>PLoS ONE</i> , 2013, 8, e75702.	1.1	14
2087	Oxidative Stress Enhances Neurodegeneration Markers Induced by Herpes Simplex Virus Type 1 Infection in Human Neuroblastoma Cells. <i>PLoS ONE</i> , 2013, 8, e75842.	1.1	44
2088	JNK and Macroautophagy Activation by Bortezomib Has a Pro-Survival Effect in Primary Effusion Lymphoma Cells. <i>PLoS ONE</i> , 2013, 8, e75965.	1.1	45
2089	Impairment of Autophagic Flux Promotes Glucose Reperfusion-Induced Neuro2A Cell Death after Glucose Deprivation. <i>PLoS ONE</i> , 2013, 8, e76466.	1.1	18
2090	Regulation of Autophagy Via PERK-eIF2 γ Effectively Relieve the Radiation Myelitis Induced by Iodine-125. <i>PLoS ONE</i> , 2013, 8, e76819.	1.1	14
2091	Autophagy in Retinal Ganglion Cells in a Rhesus Monkey Chronic Hypertensive Glaucoma Model. <i>PLoS ONE</i> , 2013, 8, e77100.	1.1	75
2092	KLF15 Is a Molecular Link between Endoplasmic Reticulum Stress and Insulin Resistance. <i>PLoS ONE</i> , 2013, 8, e77851.	1.1	35
2093	The Scavenger Protein Apoptosis Inhibitor of Macrophages (AIM) Potentiates the Antimicrobial Response against <i>Mycobacterium tuberculosis</i> by Enhancing Autophagy. <i>PLoS ONE</i> , 2013, 8, e79670.	1.1	44
2094	Dendropanoxide Induces Autophagy through ERK1/2 Activation in MG-63 Human Osteosarcoma Cells and Autophagy Inhibition Enhances Dendropanoxide-Induced Apoptosis. <i>PLoS ONE</i> , 2013, 8, e83611.	1.1	50
2095	Combination of LC3 shRNA Plasmid Transfection and Genistein Treatment Inhibited Autophagy and Increased Apoptosis in Malignant Neuroblastoma in Cell Culture and Animal Models. <i>PLoS ONE</i> , 2013, 8, e78958.	1.1	29
2096	Mitochondrial DNMT3A and DNA methylation in skeletal muscle and CNS of transgenic mouse models of ALS. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 279.	1.8	143
2097	The Functional Role of Prion Protein (PrPC) on Autophagy. <i>Pathogens</i> , 2013, 2, 436-445.	1.2	7
2098	The ER α -Golgi intermediate compartment is a key membrane source for the LC3 lipidation step of autophagosome biogenesis. <i>ELife</i> , 2013, 2, e00947.	2.8	348
2099	Induction of a bZIP Type Transcription Factor and Amino Acid Catabolism-Related Genes in Soybean Seedling in Response to Starvation Stress. <i>Journal of Botany</i> , 2013, 2013, 1-8.	1.2	2

#	ARTICLE	IF	CITATIONS
2100	ATG7 deficiency promote apoptotic death induced by Cisplatin in human esophageal squamous cell carcinoma cells. <i>Bulletin Du Cancer</i> , 2013, 100, E15-E21.	0.6	24
2101	Amikacin-induced Fin Reduction is Mediated by Autophagy. <i>Journal of Toxicologic Pathology</i> , 2013, 26, 79-82.	0.3	8
2102	Rab GTPases in Autophagy. , 2013, , .		0
2103	Atg8 Family Proteins â€” Autophagy and Beyond. , 2013, , .		2
2104	Flow Cytometric Measurement of Cell Organelle Autophagy. , 0, , .		0
2106	Trehalose Reverses Cell Malfunction in Fibroblasts from Normal and Huntington's Disease Patients Caused by Proteasome Inhibition. <i>PLoS ONE</i> , 2014, 9, e90202.	1.1	50
2107	Reversal of Bortezomib Resistance in Myelodysplastic Syndrome Cells by MAPK Inhibitors. <i>PLoS ONE</i> , 2014, 9, e90992.	1.1	4
2108	Masseter Muscle Myofibrillar Protein Synthesis and Degradation in an Experimental Critical Illness Myopathy Model. <i>PLoS ONE</i> , 2014, 9, e92622.	1.1	18
2109	Lactaptin Induces p53-Independent Cell Death Associated with Features of Apoptosis and Autophagy and Delays Growth of Breast Cancer Cells in Mouse Xenografts. <i>PLoS ONE</i> , 2014, 9, e93921.	1.1	30
2110	IPF Fibroblasts Are Desensitized to Type I Collagen Matrix-Induced Cell Death by Suppressing Low Autophagy via Aberrant Akt/mTOR Kinases. <i>PLoS ONE</i> , 2014, 9, e94616.	1.1	76
2111	Autophagy Inhibitor LRPPRC Suppresses Mitophagy through Interaction with Mitophagy Initiator Parkin. <i>PLoS ONE</i> , 2014, 9, e94903.	1.1	38
2112	Rotavirus Increases Levels of Lipidated LC3 Supporting Accumulation of Infectious Progeny Virus without Inducing Autophagosome Formation. <i>PLoS ONE</i> , 2014, 9, e95197.	1.1	26
2113	Distribution, Cleavage and Lipidation of Atg8 Fusion Proteins in <i>Spodoptera litura</i> SI-HP Cells. <i>PLoS ONE</i> , 2014, 9, e96059.	1.1	6
2114	Oxidative Damage and Autophagy in the Human Trabecular Meshwork as Related with Ageing. <i>PLoS ONE</i> , 2014, 9, e98106.	1.1	51
2115	Î²-Adrenergic Agonist and Antagonist Regulation of Autophagy in HepG2 Cells, Primary Mouse Hepatocytes, and Mouse Liver. <i>PLoS ONE</i> , 2014, 9, e98155.	1.1	44
2116	Phospholipase C-Related Catalytically Inactive Protein Participates in the Autophagic Elimination of <i>Staphylococcus aureus</i> Infecting Mouse Embryonic Fibroblasts. <i>PLoS ONE</i> , 2014, 9, e98285.	1.1	7
2117	A Novel Herbal Medicine, KIOM-C, Induces Autophagic and Apoptotic Cell Death Mediated by Activation of JNK and Reactive Oxygen Species in HT1080 Human Fibrosarcoma Cells. <i>PLoS ONE</i> , 2014, 9, e98703.	1.1	24
2118	Proteasome Inhibitors Activate Autophagy Involving Inhibition of PI3K-Akt-mTOR Pathway as an Anti-Oxidation Defense in Human RPE Cells. <i>PLoS ONE</i> , 2014, 9, e103364.	1.1	42

#	ARTICLE	IF	CITATIONS
2119	Expression of Autophagy-Related Proteins According to Androgen Receptor and HER-2 Status in Estrogen Receptor-Negative Breast Cancer. PLoS ONE, 2014, 9, e105666.	1.1	11
2120	Autophagy and Apoptosis in Hepatocellular Carcinoma Induced by EF25-(GSH) ₂ : A Novel Curcumin Analog. PLoS ONE, 2014, 9, e107876.	1.1	43
2121	Dynein Function and Protein Clearance Changes in Tumor Cells Induced by a Kunitz-Type Molecule, Amblyomin-X. PLoS ONE, 2014, 9, e111907.	1.1	19
2122	Tissue Distribution, Gender- and Genotype-Dependent Expression of Autophagy-Related Genes in Avian Species. PLoS ONE, 2014, 9, e112449.	1.1	24
2123	Amyotrophic Lateral Sclerosis-Linked Mutant VAPB Inclusions Do Not Interfere with Protein Degradation Pathways or Intracellular Transport in a Cultured Cell Model. PLoS ONE, 2014, 9, e113416.	1.1	16
2124	Role of D-Limonene in Autophagy Induced by Bergamot Essential Oil in SH-SY5Y Neuroblastoma Cells. PLoS ONE, 2014, 9, e113682.	1.1	44
2125	Neural-Specific Deletion of Htra2 Causes Cerebellar Neurodegeneration and Defective Processing of Mitochondrial OPA1. PLoS ONE, 2014, 9, e115789.	1.1	21
2126	ERAD and how viruses exploit it. Frontiers in Microbiology, 2014, 5, 330.	1.5	65
2127	Skeletal Muscle Homeostasis in Duchenne Muscular Dystrophy: Modulating Autophagy as a Promising Therapeutic Strategy. Frontiers in Aging Neuroscience, 2014, 6, 188.	1.7	49
2128	Deficiency of prion protein induces impaired autophagic flux in neurons. Frontiers in Aging Neuroscience, 2014, 6, 207.	1.7	9
2129	Microglia change from a reactive to an age-like phenotype with the time in culture. Frontiers in Cellular Neuroscience, 2014, 8, 152.	1.8	140
2130	The role of D-serine and glycine as co-agonists of NMDA receptors in motor neuron degeneration and amyotrophic lateral sclerosis (ALS). Frontiers in Synaptic Neuroscience, 2014, 6, 10.	1.3	46
2131	Involvement of PAR-4 in Cannabinoid-Dependent Sensitization of Osteosarcoma Cells to TRAIL-Induced Apoptosis. International Journal of Biological Sciences, 2014, 10, 466-478.	2.6	36
2132	Ubiquitin Ligase-Assisted Selective Autophagy of Mitochondria. , 2014, , 151-161.		0
2133	Mammalian Autophagy Can Occur Through an Atg5/Atg7-Independent Pathway. , 2014, , 49-58.		0
2134	Strain Difference in Photoreceptor Cell Death After Retinal Detachment in Mice. , 2014, 55, 4165.		52
2135	Regulation of Intracellular dsDNA-Induced Innate Immune Responses by Autophagy-Related Proteins. , 2014, , 83-100.		1
2136	Resveratrol potentiates the in vitro and in vivo anti-tumoral effects of curcumin in head and neck carcinomas. Oncotarget, 2014, 5, 10745-10762.	0.8	88

#	ARTICLE	IF	CITATIONS
2137	The Role of Atg8 Homologue in Lewy Body Disease. , 2014, , 383-389.		0
2138	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	2.1	686
2139	Reciprocal conversion of Gtr1 and Gtr2 nucleotide-binding states by Npr2-Npr3 inactivates TORC1 and induces autophagy. <i>Autophagy</i> , 2014, 10, 1565-1578.	4.3	58
2140	Artesunate Induces Cell Death in Human Cancer Cells via Enhancing Lysosomal Function and Lysosomal Degradation of Ferritin. <i>Journal of Biological Chemistry</i> , 2014, 289, 33425-33441.	1.6	128
2141	Size, stoichiometry, and organization of soluble LC3-associated complexes. <i>Autophagy</i> , 2014, 10, 861-877.	4.3	19
2142	RAB3GAP1 and RAB3GAP2 modulate basal and rapamycin-induced autophagy. <i>Autophagy</i> , 2014, 10, 2297-2309.	4.3	79
2143	ERK1/2 is involved in luteal cell autophagy regulation during corpus luteum regression via an mTOR-independent pathway. <i>Molecular Human Reproduction</i> , 2014, 20, 972-980.	1.3	28
2144	Hepatitis B virus X protein inhibits autophagic degradation by impairing lysosomal maturation. <i>Autophagy</i> , 2014, 10, 416-430.	4.3	144
2145	A novel ATG4B antagonist inhibits autophagy and has a negative impact on osteosarcoma tumors. <i>Autophagy</i> , 2014, 10, 2021-2035.	4.3	190
2146	Disruption of chaperone-mediated autophagy-dependent degradation of MEF2A by oxidative stress-induced lysosome destabilization. <i>Autophagy</i> , 2014, 10, 1015-1035.	4.3	45
2147	Correlative light and electron microscopy imaging of autophagy in a zebrafish infection model. <i>Autophagy</i> , 2014, 10, 1844-1857.	4.3	49
2148	Coronavirus membrane-associated papain-like proteases induce autophagy through interacting with Beclin1 to negatively regulate antiviral innate immunity. <i>Protein and Cell</i> , 2014, 5, 912-927.	4.8	111
2149	An autophagosome-based therapeutic vaccine for HBV infection: a preclinical evaluation. <i>Journal of Translational Medicine</i> , 2014, 12, 361.	1.8	10
2150	PHF23 (plant homeodomain finger protein 23) negatively regulates cell autophagy by promoting ubiquitination and degradation of E3 ligase LRSAM1. <i>Autophagy</i> , 2014, 10, 2158-2170.	4.3	17
2151	<i>MIR34A</i> regulates autophagy and apoptosis by targeting <i>HMGB1</i> in the retinoblastoma cell. <i>Autophagy</i> , 2014, 10, 442-452.	4.3	114
2152	Label-free detection and dynamic monitoring of drug-induced intracellular vesicle formation enabled using a 2-dimensional matched filter. <i>Autophagy</i> , 2014, 10, 57-69.	4.3	3
2153	Collapsin Response Mediator Protein 5 (CRMP5) Induces Mitophagy, Thereby Regulating Mitochondrion Numbers in Dendrites. <i>Journal of Biological Chemistry</i> , 2014, 289, 2261-2276.	1.6	17
2154	Stearoyl-CoA Desaturase 1 Activity Is Required for Autophagosome Formation. <i>Journal of Biological Chemistry</i> , 2014, 289, 23938-23950.	1.6	62

#	ARTICLE	IF	CITATIONS
2155	Absence of lipofuscin in motor neurons of SOD1-linked ALS mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11055-11060.	3.3	33
2156	BAT3 modulates p300-dependent acetylation of p53 and autophagy-related protein 7 (ATG7) during autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4115-4120.	3.3	76
2157	Bromelain and N-acetylcysteine inhibit proliferation and survival of gastrointestinal cancer cells in vitro: significance of combination therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014, 33, 92.	3.5	33
2158	BAG3 Promoted Starvation-Induced Apoptosis of Thyroid Cancer Cells via Attenuation of Autophagy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2298-E2307.	1.8	27
2159	Loss of function of the ALS protein SigR1 leads to ER pathology associated with defective autophagy and lipid raft disturbances. <i>Cell Death and Disease</i> , 2014, 5, e1290-e1290.	2.7	82
2160	Methamphetamine induces autophagy as a pro-survival response against apoptotic endothelial cell death through the Kappa opioid receptor. <i>Cell Death and Disease</i> , 2014, 5, e1099-e1099.	2.7	88
2161	A novel androstenedione derivative induces ROS-mediated autophagy and attenuates drug resistance in osteosarcoma by inhibiting macrophage migration inhibitory factor (MIF). <i>Cell Death and Disease</i> , 2014, 5, e1361-e1361.	2.7	40
2162	Calcineurin suppresses AMPK-dependent cytoprotective autophagy in cardiomyocytes under oxidative stress. <i>Cell Death and Disease</i> , 2014, 5, e997-e997.	2.7	57
2163	Inhibition of phospholipase D2 induces autophagy in colorectal cancer cells. <i>Experimental and Molecular Medicine</i> , 2014, 46, e124-e124.	3.2	21
2164	Na ⁺ /H ⁺ exchanger-1 reduces podocyte injury caused by endoplasmic reticulum stress via autophagy activation. <i>Laboratory Investigation</i> , 2014, 94, 439-454.	1.7	12
2165	The Oxidation States of DJ-1 Dictate the Cell Fate in Response to Oxidative Stress Triggered by 4-HPR: Autophagy or Apoptosis?. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1443-1459.	2.5	79
2166	Tubastatin A/ACY-1215 Improves Cognition in Alzheimer's Disease Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 1193-1205.	1.2	145
2167	Hepatitis C virus core protein activates autophagy through EIF2AK3 and ATF6 UPR pathway-mediated MAP1LC3B and ATG12 expression. <i>Autophagy</i> , 2014, 10, 766-784.	4.3	126
2168	Mitochondrial proteolytic stress induced by loss of mortalin function is rescued by Parkin and PINK1. <i>Cell Death and Disease</i> , 2014, 5, e1180-e1180.	2.7	85
2169	BNIP3 Plays Crucial Roles in the Differentiation and Maintenance of Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1627-1635.	0.3	43
2170	Ginsenoside Rg1 protects mouse podocytes from aldosterone-induced injury in vitro. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 513-522.	2.8	24
2171	TSPO interacts with VDAC1 and triggers a ROS-mediated inhibition of mitochondrial quality control. <i>Autophagy</i> , 2014, 10, 2279-2296.	4.3	174
2172	AKT is involved in granulosa cell autophagy regulation via mTOR signaling during rat follicular development and atresia. <i>Reproduction</i> , 2014, 147, 73-80.	1.1	79

#	ARTICLE	IF	CITATIONS
2173	Efavirenz Induces Neuronal Autophagy and Mitochondrial Alterations. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 351, 250-258.	1.3	41
2174	WIPI-dependent autophagy during neutrophil differentiation of NB4 acute promyelocytic leukemia cells. <i>Cell Death and Disease</i> , 2014, 5, e1315-e1315.	2.7	40
2175	Level of macroautophagy drives senescent keratinocytes into cell death or neoplastic evasion. <i>Cell Death and Disease</i> , 2014, 5, e1577-e1577.	2.7	30
2176	Autophagy and lysosomal related protein expression patterns in human glioblastoma. <i>Cancer Biology and Therapy</i> , 2014, 15, 1468-1478.	1.5	80
2177	Farnesoid X receptor regulates forkhead BoxO3a activation in ethanol-induced autophagy and hepatotoxicity. <i>Redox Biology</i> , 2014, 2, 991-1002.	3.9	50
2178	A role of autophagy in PTP4A3-driven cancer progression. <i>Autophagy</i> , 2014, 10, 1787-1800.	4.3	40
2179	The membrane peroxin PEX3 induces peroxisome-ubiquitination-linked pexophagy. <i>Autophagy</i> , 2014, 10, 1549-1564.	4.3	96
2180	Autophagy Regulates TGF- β Expression and Suppresses Kidney Fibrosis Induced by Unilateral Ureteral Obstruction. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2835-2846.	3.0	218
2181	Mesenchymal stem cells enhance autophagy and increase β -amyloid clearance in Alzheimer disease models. <i>Autophagy</i> , 2014, 10, 32-44.	4.3	210
2182	A new method to measure autophagy flux in the nervous system. <i>Autophagy</i> , 2014, 10, 710-714.	4.3	28
2183	AKI after Conditional and Kidney-Specific Knockdown of Stanniocalcin-1. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2303-2315.	3.0	19
2184	Stress responses in flavivirus-infected cells: activation of unfolded protein response and autophagy. <i>Frontiers in Microbiology</i> , 2014, 5, 266.	1.5	116
2185	Reorganization of the Endosomal System in Salmonella-Infected Cells: The Ultrastructure of Salmonella-Induced Tubular Compartments. <i>PLoS Pathogens</i> , 2014, 10, e1004374.	2.1	64
2186	Human mesenchymal stem cells/multipotent stromal cells consume accumulated autophagosomes early in differentiation. <i>Stem Cell Research and Therapy</i> , 2014, 5, 140.	2.4	115
2187	Association of FKBP51 with Priming of Autophagy Pathways and Mediation of Antidepressant Treatment Response: Evidence in Cells, Mice, and Humans. <i>PLoS Medicine</i> , 2014, 11, e1001755.	3.9	141
2188	Autophagy is induced by raptor degradation via the ubiquitin/proteasome system in granular corneal dystrophy type 2. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1505-1511.	1.0	25
2189	Reactive Oxygen Species Regulate Caspase-11 Expression and Activation of the Non-canonical NLRP3 Inflammasome during Enteric Pathogen Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004410.	2.1	79
2190	Targeting Membrane-Bound Viral RNA Synthesis Reveals Potent Inhibition of Diverse Coronaviruses Including the Middle East Respiratory Syndrome Virus. <i>PLoS Pathogens</i> , 2014, 10, e1004166.	2.1	136

#	ARTICLE	IF	CITATIONS
2191	A Screen of <i>Coxiella burnetii</i> Mutants Reveals Important Roles for Dot/Icm Effectors and Host Autophagy in Vacuole Biogenesis. <i>PLoS Pathogens</i> , 2014, 10, e1004286.	2.1	141
2192	Transient Receptor Potential Cation Channel V1 (TRPV1) Is Degraded by Starvation- and Glucocorticoid-Mediated Autophagy. <i>Molecules and Cells</i> , 2014, 37, 257-263.	1.0	24
2193	PKG and NHR-49 signalling co-ordinately regulate short-term fasting-induced lysosomal lipid accumulation in <i>C. elegans</i> . <i>Biochemical Journal</i> , 2014, 461, 509-520.	1.7	11
2194	Differential roles of the ubiquitin proteasome system (UPS) and autophagy in the clearance of soluble and aggregated TDP-43 species. <i>Journal of Cell Science</i> , 2014, 127, 1263-78.	1.2	216
2195	Pompe disease: from pathophysiology to therapy and back again. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 177.	1.7	147
2196	The Impact of Autophagy on Cell Death Modalities. <i>International Journal of Cell Biology</i> , 2014, 2014, 1-12.	1.0	209
2197	Autophagy protects end plate chondrocytes from intermittent cyclic mechanical tension induced calcification. <i>Bone</i> , 2014, 66, 232-239.	1.4	48
2198	Autophagy prevents doxorubicin-induced apoptosis in osteosarcoma. <i>Molecular Medicine Reports</i> , 2014, 9, 1975-1981.	1.1	35
2199	Mutation in VPS35 associated with Parkinson's disease impairs WASH complex association and inhibits autophagy. <i>Nature Communications</i> , 2014, 5, 3828.	5.8	374
2200	Adenovirus-Mediated FKHRL1/TM Sensitizes Melanoma Cells to Apoptosis Induced by Temozolomide. <i>Human Gene Therapy Clinical Development</i> , 2014, 25, 186-195.	3.2	9
2201	Generation of Unique Poliovirus RNA Replication Organelles. <i>MBio</i> , 2014, 5, e00833-13.	1.8	58
2202	Sulforaphane-induced autophagy flux prevents prion protein-mediated neurotoxicity through AMPK pathway. <i>Neuroscience</i> , 2014, 278, 31-39.	1.1	36
2203	Cytoprotection by omega-3 fatty acids as a therapeutic drug vehicle when combined with nephrotoxic drugs in an intravenous emulsion: Effects on intraglomerular mesangial cells. <i>Toxicology Reports</i> , 2014, 1, 843-857.	1.6	3
2204	In Vitro Assays of Lipidation of Mammalian Atg8 Homologs. <i>Current Protocols in Cell Biology</i> , 2014, 64, 11.20.1-13.	2.3	5
2205	Inhibition of autophagy, lysosome and VCP function impairs stress granule assembly. <i>Cell Death and Differentiation</i> , 2014, 21, 1838-1851.	5.0	132
2206	Salmonella induce autophagy in melanoma by the downregulation of AKT/mTOR pathway. <i>Gene Therapy</i> , 2014, 21, 309-316.	2.3	77
2207	Inhibition of Niemann-Pick-type C1-like1 by ezetimibe activates autophagy in human hepatocytes and reduces mutant Δ 1-antitrypsin Z deposition. <i>Hepatology</i> , 2014, 59, 1591-1599.	3.6	31
2208	Simulated Microgravity Contributes to Autophagy Induction by Regulating AMP-Activated Protein Kinase. <i>DNA and Cell Biology</i> , 2014, 33, 128-135.	0.9	18

#	ARTICLE	IF	CITATIONS
2209	Graveoline Isolated from Ethanolic Extract of <i>Ruta graveolens</i> Triggers Apoptosis and Autophagy in Skin Melanoma Cells: A Novel Apoptosis-Independent Autophagic Signaling Pathway. <i>Phytotherapy Research</i> , 2014, 28, 1153-1162.	2.8	42
2210	Optineurin is an autophagy receptor for damaged mitochondria in parkin-mediated mitophagy that is disrupted by an ALS-linked mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4439-48.	3.3	646
2211	Axin expression delays herpes simplex virus-induced autophagy and enhances viral replication in L929 cells. <i>Microbiology and Immunology</i> , 2014, 58, 103-111.	0.7	7
2212	Immunohistochemical assessment of <i>ATG7</i> , <i>LC3</i> , and p62 in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , 2014, 43, 606-612.	1.4	10
2213	Inhibition of autophagy as a new means of improving chemotherapy efficiency in high-LC3B triple-negative breast cancers. <i>Autophagy</i> , 2014, 10, 2122-2142.	4.3	130
2214	Inhibition of atypical protein kinase C δ induces apoptosis through autophagic degradation of β -catenin in esophageal cancer cells. <i>Molecular Carcinogenesis</i> , 2014, 53, 514-525.	1.3	11
2215	Cytosolic chloride ion is a key factor in lysosomal acidification and function of autophagy in human gastric cancer cell. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1124-1133.	1.6	45
2216	Melatonin-enhanced autophagy protects against neural apoptosis via a mitochondrial pathway in early brain injury following a subarachnoid hemorrhage. <i>Journal of Pineal Research</i> , 2014, 56, 12-19.	3.4	154
2217	BNIP3 Interacting with LC3 Triggers Excessive Mitophagy in Delayed Neuronal Death in Stroke. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 1045-1055.	1.9	194
2218	<i>SIRT2</i> knockdown increases basal autophagy and prevents postslippage death by abnormally prolonging the mitotic arrest that is induced by microtubule inhibitors. <i>FEBS Journal</i> , 2014, 281, 2623-2637.	2.2	51
2219	UNC51-like kinase 1, autophagic regulator and cancer therapeutic target. <i>Cell Proliferation</i> , 2014, 47, 494-505.	2.4	31
2220	Autophagosome formation in response to intracellular bacterial invasion. <i>Cellular Microbiology</i> , 2014, 16, 1619-1626.	1.1	27
2221	A synthetic curcumin derivative hydrazinobenzoylcurcumin induces autophagy in A549 lung cancer cells. <i>Pharmaceutical Biology</i> , 2014, 52, 111-116.	1.3	32
2222	Autophagy Induced by Calcium Phosphate Precipitates Targets Damaged Endosomes. <i>Journal of Biological Chemistry</i> , 2014, 289, 11162-11174.	1.6	69
2223	p62/SQSTM1 is required for cell survival of apoptosis-resistant bone metastatic prostate cancer cell lines. <i>Prostate</i> , 2014, 74, 149-163.	1.2	23
2224	The Protective Role of Autophagy in <i>Heterocephalus glaber</i> Hepatic Stellate Cells Exposed to H ₂ O ₂ or Nutritional Stress. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 463-473.	1.1	11
2225	Autophagic LC3B overexpression correlates with malignant progression and predicts a poor prognosis in hepatocellular carcinoma. <i>Tumor Biology</i> , 2014, 35, 12225-12233.	0.8	72
2226	Lipofuscin accumulation and autophagy in glaucomatous human lamina cribrosa cells. <i>BMC Ophthalmology</i> , 2014, 14, 153.	0.6	22

#	ARTICLE	IF	CITATIONS
2227	The RelB alternative NF-kappaB subunit promotes autophagy in 22Rv1 prostate cancer cells in vitro and affects mouse xenograft tumor growth in vivo. <i>Cancer Cell International</i> , 2014, 14, 67.	1.8	6
2228	Activation of autophagy protects against cholestasis-induced hepatic injury. <i>Cell and Bioscience</i> , 2014, 4, 47.	2.1	31
2229	PM1: A β -Tubulin Independent Pharmacological Regulator of Mitophagy. <i>Chemistry and Biology</i> , 2014, 21, 1585-1596.	6.2	125
2230	ATG8 localization in apicomplexan parasites. <i>Autophagy</i> , 2014, 10, 1487-1494.	4.3	24
2231	Synergistic Signaling of Tumor Cell Invasiveness by Hepatocyte Growth Factor and Hypoxia. <i>Journal of Biological Chemistry</i> , 2014, 289, 20448-20461.	1.6	26
2232	FGF7/KGF regulates autophagy in keratinocytes. <i>Autophagy</i> , 2014, 10, 803-821.	4.3	27
2233	Autophagy during beef aging. <i>Autophagy</i> , 2014, 10, 137-143.	4.3	29
2234	Rapamycin Extends Life and Health in C57BL/6 Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69A, 119-130.	1.7	250
2235	Echovirus 7 Entry into Polarized Caco-2 Intestinal Epithelial Cells Involves Core Components of the Autophagy Machinery. <i>Journal of Virology</i> , 2014, 88, 434-443.	1.5	19
2236	Activation of Master Autophagy Regulator TFEB During Systemic LPS Administration in the Cornea. <i>Journal of Toxicologic Pathology</i> , 2014, 27, 153-158.	0.3	11
2237	β -Tocotrienol-induced autophagy in malignant mammary cancer cells. <i>Experimental Biology and Medicine</i> , 2014, 239, 33-44.	1.1	48
2238	Autophagy and Cell Death to Target Cancer Cells: Exploiting Synthetic Lethality as Cancer Therapies. <i>Advances in Experimental Medicine and Biology</i> , 2014, 772, 167-188.	0.8	36
2239	Nonstructural proteins 2C and 3D are involved in autophagy as induced by the encephalomyocarditis virus. <i>Virology Journal</i> , 2014, 11, 156.	1.4	24
2240	iASPP is a novel autophagy inhibitor in keratinocytes. <i>Journal of Cell Science</i> , 2014, 127, 3079-3093.	1.2	40
2241	High Autophagy in the Naked Mole Rat may Play a Significant Role in Maintaining Good Health. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 321-332.	1.1	52
2242	2-Hydroxypropyl- β -cyclodextrin Promotes Transcription Factor EB-mediated Activation of Autophagy. <i>Journal of Biological Chemistry</i> , 2014, 289, 10211-10222.	1.6	92
2243	Autophagosomes contribute to intracellular lipid distribution in enterocytes. <i>Molecular Biology of the Cell</i> , 2014, 25, 118-132.	0.9	80
2244	Mpl Traffics to the Cell Surface Through Conventional and Unconventional Routes. <i>Traffic</i> , 2014, 15, 961-982.	1.3	40

#	ARTICLE	IF	CITATIONS
2245	Quantitative analysis in LC3-II protein <i>in vitro</i> maturation of porcine oocyte. <i>Zygote</i> , 2014, 22, 404-410.	0.5	28
2246	Autophagy contributes to dasatinib-induced myeloid differentiation of human acute myeloid leukemia cells. <i>Biochemical Pharmacology</i> , 2014, 89, 74-85.	2.0	32
2247	AKT/mTOR and c-Jun N-terminal kinase signaling pathways are required for chrysotile asbestos-induced autophagy. <i>Free Radical Biology and Medicine</i> , 2014, 72, 296-307.	1.3	28
2248	Host cell autophagy promotes BK virus infection. <i>Virology</i> , 2014, 456-457, 87-95.	1.1	15
2249	Mechanistic insights on petrosaspongiolide M inhibitory effects on immunoproteasome and autophagy. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 713-721.	1.1	8
2250	MTOR-independent induction of autophagy in trabecular meshwork cells subjected to biaxial stretch. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1054-1062.	1.9	58
2252	Induction of sestrin2 as an endogenous protective mechanism against amyloid beta-peptide neurotoxicity in primary cortical culture. <i>Experimental Neurology</i> , 2014, 253, 63-71.	2.0	60
2253	Impaired autophagic flux is critically involved in drug-induced dopaminergic neuronal death. <i>Parkinsonism and Related Disorders</i> , 2014, 20, S162-S166.	1.1	12
2254	A LC3-Interacting Motif in the Influenza A Virus M2 Protein Is Required to Subvert Autophagy and Maintain Virion Stability. <i>Cell Host and Microbe</i> , 2014, 15, 239-247.	5.1	207
2255	A Regulatory Signaling Loop Comprising the PGAM5 Phosphatase and CK2 Controls Receptor-Mediated Mitophagy. <i>Molecular Cell</i> , 2014, 54, 362-377.	4.5	433
2256	Concomitant Induction of Apoptosis and Autophagy by Prostate Apoptosis Response-4 in Hypopharyngeal Carcinoma Cells. <i>American Journal of Pathology</i> , 2014, 184, 418-430.	1.9	10
2257	Use of LysoTracker dyes: A flow cytometric study of autophagy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 169-178.	1.1	112
2258	Caffeine stimulates hepatic lipid metabolism by the autophagy-lysosomal pathway in mice. <i>Hepatology</i> , 2014, 59, 1366-1380.	3.6	285
2259	Interplay between autophagy and apoptosis in pancreatic tumors in response to gemcitabine. <i>Targeted Oncology</i> , 2014, 9, 123-134.	1.7	36
2260	Inhibition of autophagy augments the anticancer activity of Î±-mangostin in chronic myeloid leukemia cells. <i>Leukemia and Lymphoma</i> , 2014, 55, 628-638.	0.6	37
2261	Protein quality control and elimination of protein waste: The role of the ubiquitinâ€“proteasome system. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 182-196.	1.9	372
2262	Acute hyperglycemia together with hematoma of high-glucose blood exacerbates neurological injury in a rat model of intracerebral hemorrhage. <i>Neuroscience Bulletin</i> , 2014, 30, 90-98.	1.5	28
2263	1,000 Ways to die: natural compounds modulate non-canonical cell death pathways in cancer cells. <i>Phytochemistry Reviews</i> , 2014, 13, 277-293.	3.1	2

#	ARTICLE	IF	CITATIONS
2264	Treatment of Diabetic Cardiomyopathy through Upregulating Autophagy by Stimulating AMP-Activated Protein Kinase. , 2014, , 91-103.		0
2265	Kir6.2 knockout aggravates lipopolysaccharide-induced mouse liver injury via enhancing NLRP3 inflammasome activation. Journal of Gastroenterology, 2014, 49, 727-736.	2.3	18
2266	Concomitant treatment with pertussis toxin plus temozolomide increases the survival of rats bearing intracerebral RG2 glioma. Journal of Cancer Research and Clinical Oncology, 2014, 140, 291-301.	1.2	15
2267	Autophagy Coupling Interplay: Can Improve Cellular Repair and Aging?. Molecular Neurobiology, 2014, 49, 1270-1281.	1.9	15
2268	Quercetin and Sorafenib as a Novel and Effective Couple in Programmed Cell Death Induction in Human Gliomas. Neurotoxicity Research, 2014, 26, 64-77.	1.3	44
2269	NF- κ B activation was involved in reactive oxygen species-mediated apoptosis and autophagy in 1-oxoeudesm-11(13)-eno-12,8 β -lactone-treated human lung cancer cells. Archives of Pharmacal Research, 2014, 37, 1039-1052.	2.7	17
2270	Autophagy in inflammation, infection, neurodegeneration and cancer. International Immunopharmacology, 2014, 18, 55-65.	1.7	101
2271	Autophagy in Glomerular Health and Disease. Seminars in Nephrology, 2014, 34, 42-52.	0.6	52
2272	Suppression of Autophagic Flux by Bile Acids in Hepatocytes. Toxicological Sciences, 2014, 137, 478-490.	1.4	56
2273	Autophagyâ€”a key player in cellular and body metabolism. Nature Reviews Endocrinology, 2014, 10, 322-337.	4.3	658
2274	AD-linked, toxic NH2 human tau affects the quality control of mitochondria in neurons. Neurobiology of Disease, 2014, 62, 489-507.	2.1	62
2275	Degradation of connexins and gap junctions. FEBS Letters, 2014, 588, 1221-1229.	1.3	76
2276	Modulation of endoplasmic reticulum (ER) stress-induced autophagy by C/EBP homologous protein (CHOP) and inositol-requiring enzyme 1 β (IRE1 β) in human colon cancer cells. Biochemical and Biophysical Research Communications, 2014, 445, 524-533.	1.0	51
2277	Hijacking of RIG-I Signaling Proteins into Virus-Induced Cytoplasmic Structures Correlates with the Inhibition of Type I Interferon Responses. Journal of Virology, 2014, 88, 4572-4585.	1.5	102
2278	Autophagy-lysosome pathway associated neuropathology and axonal degeneration in the brains of alpha-galactosidase A-deficient mice. Acta Neuropathologica Communications, 2014, 2, 20.	2.4	58
2279	Genistein induces apoptosis and autophagy in human breast MCF-7 cells by modulating the expression of proapoptotic factors and oxidative stress enzymes. Molecular and Cellular Biochemistry, 2014, 390, 235-242.	1.4	89
2280	Autophagic Cellular Responses to Physical Exercise in Skeletal Muscle. Sports Medicine, 2014, 44, 625-640.	3.1	42
2281	Inhibition of 6-phosphofructo-2-kinase (PFKFB3) induces autophagy as a survival mechanism. Cancer & Metabolism, 2014, 2, 2.	2.4	96

#	ARTICLE	IF	CITATIONS
2282	Environmental neurotoxic challenge of conditional alpha-synuclein transgenic mice predicts a dopaminergic olfactory-striatal interplay in early PD. <i>Acta Neuropathologica</i> , 2014, 127, 477-494.	3.9	28
2283	Sirtuin-2 Activity is Required for Glioma Stem Cell Proliferation Arrest but not Necrosis Induced by Resveratrol. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 103-113.	5.6	47
2284	Control of autophagy maturation by acid sphingomyelinase in mouse coronary arterial smooth muscle cells: protective role in atherosclerosis. <i>Journal of Molecular Medicine</i> , 2014, 92, 473-485.	1.7	56
2285	Autophagy involved in lipopolysaccharide-induced foam cell formation is mediated by adipose differentiation-related protein. <i>Lipids in Health and Disease</i> , 2014, 13, 10.	1.2	16
2286	Measurement of Autophagy by Flow Cytometry. <i>Current Protocols in Cytometry</i> , 2014, 68, 9.45.1-10.	3.7	15
2287	Targeting Cryopreservation-Induced Cell Death: A Review. <i>Biopreservation and Biobanking</i> , 2014, 12, 23-34.	0.5	95
2288	Misfolded Polyglutamine, Polyalanine, and Superoxide Dismutase 1 Aggregate via Distinct Pathways in the Cell. <i>Journal of Biological Chemistry</i> , 2014, 289, 6669-6680.	1.6	39
2289	Dihydromyricetin induces autophagy in HepG2 cells involved in inhibition of mTOR and regulating its upstream pathways. <i>Food and Chemical Toxicology</i> , 2014, 66, 7-13.	1.8	53
2290	Mitophagy Enhances Oncolytic Measles Virus Replication by Mitigating DDX58/RIG-I-Like Receptor Signaling. <i>Journal of Virology</i> , 2014, 88, 5152-5164.	1.5	93
2291	Overexpression of DNA ligase III in mitochondria protects cells against oxidative stress and improves mitochondrial DNA base excision repair. <i>DNA Repair</i> , 2014, 16, 44-53.	1.3	37
2292	Role of Mouse and Human Autophagy Proteins in IFN- β -Induced Cell-Autonomous Responses against <i>Toxoplasma gondii</i> . <i>Journal of Immunology</i> , 2014, 192, 3328-3335.	0.4	120
2293	Autophagy in Autoimmunity. , 2014, , 257-262.		0
2294	HCC cells with high levels of Bcl-2 are resistant to ABT-737 via activation of the ROS-JNK autophagy pathway. <i>Free Radical Biology and Medicine</i> , 2014, 70, 194-203.	1.3	76
2295	Neuronal Tsc1/2 complex controls autophagy through AMPK-dependent regulation of ULK1. <i>Human Molecular Genetics</i> , 2014, 23, 3865-3874.	1.4	85
2296	Tnfrsf11/Oxi-LDL binds to FBXW5, increasing autophagy through activation of TSC2 in a Parkinson's disease model. <i>Journal of Neurochemistry</i> , 2014, 129, 527-538.	2.1	46
2297	The interplay between autophagy and apoptosis in the diabetic heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 71, 71-80.	0.9	124
2298	NVP-BEZ235, a dual PI3K/mTOR inhibitor, induces cell death through alternate routes in prostate cancer cells depending on the PTEN genotype. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 895-904.	2.2	30
2299	Regulation of autophagy by the Rab GTPase network. <i>Cell Death and Differentiation</i> , 2014, 21, 348-358.	5.0	336

#	ARTICLE	IF	CITATIONS
2300	Autophagy and Its Normal and Pathogenic States in the Brain. <i>Annual Review of Neuroscience</i> , 2014, 37, 55-78.	5.0	165
2301	Autophagy proteins in prostate cancer: Relation with anaerobic metabolism and Gleason score11The study was financially supported by the Tumor and Angiogenesis Research Group.. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 39.e11-39.e18.	0.8	52
2302	Extrinsic sphingosine 1-phosphate activates S1P5 and induces autophagy through generating endoplasmic reticulum stress in human prostate cancer PC-3 cells. <i>Cellular Signalling</i> , 2014, 26, 611-618.	1.7	38
2303	Autophagy during early stages contributes to bovine viral diarrhea virus replication in <scp>MDBK</scp> cells. <i>Journal of Basic Microbiology</i> , 2014, 54, 1044-1052.	1.8	19
2304	Parkinson's disease-linked human PARK9/ATP13A2 maintains zinc homeostasis and promotes β -Synuclein externalization via exosomes. <i>Human Molecular Genetics</i> , 2014, 23, 2816-2833.	1.4	205
2305	Autophagy in drug-induced liver toxicity. <i>Journal of Food and Drug Analysis</i> , 2014, 22, 161-168.	0.9	22
2306	The metabolite β -ketoglutarate extends lifespan by inhibiting ATP synthase and TOR. <i>Nature</i> , 2014, 510, 397-401.	13.7	485
2307	Inhibition of autophagy enhances DNA damage-induced apoptosis by disrupting CHK1-dependent S phase arrest. <i>Toxicology and Applied Pharmacology</i> , 2014, 278, 249-258.	1.3	13
2308	Involvement of the mitochondrial permeability transition pore in chronic ethanol-mediated liver injury in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G265-G277.	1.6	44
2309	MAM (mitochondria-associated membranes) in mammalian cells: Lipids and beyond. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 595-609.	1.2	500
2310	Changes in cellular degradation activity in young and old worker honeybees (<i>Apis mellifera</i>). <i>Experimental Gerontology</i> , 2014, 50, 128-136.	1.2	16
2311	1-Methyl-4-Phenylpyridinium-Induced Cell Death via Autophagy Through a Bcl-2/Beclin 1 Complex-Dependent Pathway. <i>Neurochemical Research</i> , 2014, 39, 225-232.	1.6	30
2312	Cryptotanshinone induces G1 cell cycle arrest and autophagic cell death by activating the AMP-activated protein kinase signal pathway in HepG2 hepatoma. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 615-628.	2.2	68
2313	Excitotoxic glutamate insults block autophagic flux in hippocampal neurons. <i>Brain Research</i> , 2014, 1542, 12-19.	1.1	60
2314	Induction of autophagy during in vitro maturation improves the nuclear and cytoplasmic maturation of porcine oocytes. <i>Reproduction, Fertility and Development</i> , 2014, 26, 974.	0.1	44
2315	Autophagy as a crosstalk mediator of metabolic organs in regulation of energy metabolism. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2014, 15, 11-20.	2.6	41
2316	Role of PI3K/Akt/mTOR and MEK/ERK pathway in Concanavalin A induced autophagy in HeLa cells. <i>Chemico-Biological Interactions</i> , 2014, 210, 96-102.	1.7	96
2317	FoxO transcription factors: their roles in the maintenance of skeletal muscle homeostasis. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1657-1671.	2.4	246

#	ARTICLE	IF	CITATIONS
2318	Acute exposure to thimerosal induces antiproliferative properties, apoptosis, and autophagy activation in human Chang conjunctival cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2014, 252, 275-284.	1.0	5
2319	Structural biology of the macroautophagy machinery. <i>Frontiers in Biology</i> , 2014, 9, 18-34.	0.7	5
2320	Autophagy Benefits the Replication of Newcastle Disease Virus in Chicken Cells and Tissues. <i>Journal of Virology</i> , 2014, 88, 525-537.	1.5	102
2321	Autophagy and the Effects of Its Inhibition on Varicella-Zoster Virus Glycoprotein Biosynthesis and Infectivity. <i>Journal of Virology</i> , 2014, 88, 890-902.	1.5	58
2322	Historical landmarks of autophagy research. <i>Cell Research</i> , 2014, 24, 9-23.	5.7	837
2323	Cardiolipin asymmetry, oxidation and signaling. <i>Chemistry and Physics of Lipids</i> , 2014, 179, 64-69.	1.5	109
2324	The LC3 interactome at a glance. <i>Journal of Cell Science</i> , 2014, 127, 3-9.	1.2	240
2325	Autophagy and apoptosis: where do they meet?. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 555-566.	2.2	470
2326	The effects of Ce6-mediated sono-photodynamic therapy on cell migration, apoptosis and autophagy in mouse mammary 4T1 cell line. <i>Ultrasonics</i> , 2014, 54, 981-989.	2.1	49
2327	Plumbagin induces apoptotic and autophagic cell death through inhibition of the PI3K/Akt/mTOR pathway in human non-small cell lung cancer cells. <i>Cancer Letters</i> , 2014, 344, 239-259.	3.2	131
2328	Autophagy is essential to support skeletal muscle plasticity in response to endurance exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R956-R969.	0.9	106
2329	Role of autophagy and mTOR signaling in neural differentiation of bone marrow mesenchymal stem cells. <i>Cell Biology International</i> , 2014, 38, 1337-1343.	1.4	12
2330	PRKAA1/AMPK \pm 1 is required for autophagy-dependent mitochondrial clearance during erythrocyte maturation. <i>Autophagy</i> , 2014, 10, 1522-1534.	4.3	31
2331	Paeoniflorin eliminates a mutant AR via NF-YA-dependent proteolysis in spinal and bulbar muscular atrophy. <i>Human Molecular Genetics</i> , 2014, 23, 3552-3565.	1.4	36
2332	Impaired autophagy flux is associated with neuronal cell death after traumatic brain injury. <i>Autophagy</i> , 2014, 10, 2208-2222.	4.3	256
2333	Autophagy and cardiometabolic risk factors. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2014, 15, 307-315.	2.6	17
2334	Acylated and unacylated ghrelin inhibit doxorubicin-induced apoptosis in skeletal muscle. <i>Acta Physiologica</i> , 2014, 211, 201-213.	1.8	47
2335	<i>Bacteroides cenocepacia</i> escapes to the cytosol and actively subverts autophagy in human macrophages. <i>Cellular Microbiology</i> , 2014, 16, 378-395.	1.1	35

#	ARTICLE	IF	CITATIONS
2336	Compartmentation of Salicylate-induced proteins. <i>Applied Biochemistry and Microbiology</i> , 2014, 50, 338-345.	0.3	4
2337	Chloroquine Promotes IL-17 Production by CD4+ T Cells via p38-Dependent IL-23 Release by Monocyte-Derived Langerhans-like Cells. <i>Journal of Immunology</i> , 2014, 193, 6135-6143.	0.4	64
2338	Characterization of early autophagy signaling by quantitative phosphoproteomics. <i>Autophagy</i> , 2014, 10, 356-371.	4.3	35
2339	Loss of Wdfy3 in mice alters cerebral cortical neurogenesis reflecting aspects of the autism pathology. <i>Nature Communications</i> , 2014, 5, 4692.	5.8	74
2340	Phospholipase D2 Mediates Survival Signaling through Direct Regulation of Akt in Glioblastoma Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 600-616.	1.6	63
2341	Alain-induced cell growth arrest, cell apoptosis, and autophagy in human non-small cell lung cancer cells. <i>Biomarkers and Genomic Medicine</i> , 2014, 6, 144-149.	0.2	17
2342	Autophagic cell death of human hepatoma G2 cells mediated by procyanidins from <i>Castanea mollissima</i> Bl. Shell-induced reactive oxygen species generation. <i>Chemico-Biological Interactions</i> , 2014, 224, 13-23.	1.7	15
2343	Autophagy regulation by nutrient signaling. <i>Cell Research</i> , 2014, 24, 42-57.	5.7	601
2344	IGF2 Preserves Osteosarcoma Cell Survival by Creating an Autophagic State of Dormancy That Protects Cells against Chemotherapeutic Stress. <i>Cancer Research</i> , 2014, 74, 6531-6541.	0.4	71
2345	Loss of PiT-1 results in abnormal endocytosis in the yolk sac visceral endoderm. <i>Mechanisms of Development</i> , 2014, 133, 189-202.	1.7	32
2346	Role of phosphatidylinositol-3-kinase (PI3K) and the mammalian target of rapamycin (mTOR) signalling pathways in porcine reproductive and respiratory syndrome virus (PRRSV) replication. <i>Virus Research</i> , 2014, 194, 138-144.	1.1	23
2347	Thioredoxin-interacting protein mediates dysfunction of tubular autophagy in diabetic kidneys through inhibiting autophagic flux. <i>Laboratory Investigation</i> , 2014, 94, 309-320.	1.7	50
2348	Autophagy dysregulation in cell culture and animals models of spinal muscular atrophy. <i>Molecular and Cellular Neurosciences</i> , 2014, 61, 133-140.	1.0	34
2349	Role of Autophagy in Cisplatin Resistance in Ovarian Cancer Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 17163-17173.	1.6	214
2350	Beclin-1 deficiency in the murine ovary results in the reduction of progesterone production to promote preterm labor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4194-203.	3.3	85
2351	Mechanism of 2,3-dimethoxyflavone-induced apoptosis in breast cancer stem cells: Role of ubiquitination of caspase-8 and LC3. <i>Archives of Biochemistry and Biophysics</i> , 2014, 562, 92-102.	1.4	11
2352	Autophagy Facilitates <i>Salmonella</i> Replication in HeLa Cells. <i>MBio</i> , 2014, 5, e00865-14.	1.8	84
2353	Nonlytic viral spread enhanced by autophagy components. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13081-13086.	3.3	204

#	ARTICLE	IF	CITATIONS
2354	Autophagy in pulmonary macrophages mediates lung inflammatory injury via NLRP3 inflammasome activation during mechanical ventilation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L173-L185.	1.3	69
2355	Ceria Nanoparticles Stabilized by Organic Surface Coatings Activate the Lysosome-Autophagy System and Enhance Autophagic Clearance. <i>ACS Nano</i> , 2014, 8, 10328-10342.	7.3	103
2356	Regulation of cell proliferation and migration by p62 through stabilization of Twist1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9241-9246.	3.3	201
2357	Oleanolic acid inhibits proliferation and invasiveness of Kras-transformed cells via autophagy. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1154-1160.	1.9	24
2358	Autophagy in Pancreatic Acinar Cells in Caerulein-treated Mice. <i>Toxicologic Pathology</i> , 2014, 42, 435-457.	0.9	18
2359	Enhanced myometrial autophagy in postpartum uterine involution. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2014, 53, 293-302.	0.5	16
2360	Preconditioning Stimuli Induce Autophagy via Sphingosine Kinase 2 in Mouse Cortical Neurons. <i>Journal of Biological Chemistry</i> , 2014, 289, 20845-20857.	1.6	39
2361	Autophagy in superficial spinal dorsal horn accelerates the cathepsin B-dependent morphine antinociceptive tolerance. <i>Neuroscience</i> , 2014, 275, 384-394.	1.1	18
2362	Stimulation of autophagic activity in human glioma cells by anti-proliferative ardisipilloside I isolated from <i>Ardisia pusilla</i> . <i>Life Sciences</i> , 2014, 110, 15-22.	2.0	18
2363	Pompe Disease. <i>Neurologic Clinics</i> , 2014, 32, 751-776.	0.8	104
2364	HMGB1-DNA complex-induced autophagy limits AIM2 inflammasome activation through RAGE. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 851-856.	1.0	61
2365	G226, a novel epipolythiodioxopiperazine derivative, induces autophagy and caspase-dependent apoptosis in human breast cancer cells in vitro. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1055-1064.	2.8	16
2366	Folate deficiency-induced oxidative stress contributes to neuropathy in young and aged zebrafish - Implication in neural tube defects and Alzheimer's diseases. <i>Neurobiology of Disease</i> , 2014, 71, 234-244.	2.1	45
2367	The LRRK2 inhibitor GSK2578215A induces protective autophagy in SH-SY5Y cells: involvement of Drp-1-mediated mitochondrial fission and mitochondrial-derived ROS signaling. <i>Cell Death and Disease</i> , 2014, 5, e1368-e1368.	2.7	88
2368	Regulation of Autophagic Activation by Rta of Epstein-Barr Virus via the Extracellular Signal-Regulated Kinase Pathway. <i>Journal of Virology</i> , 2014, 88, 12133-12145.	1.5	52
2369	The significance of autophagy in colorectal cancer pathogenesis and implications for therapy. <i>Journal of Clinical Pathology</i> , 2014, 67, 854-858.	1.0	32
2370	TRIM Proteins Regulate Autophagy and Can Target Autophagic Substrates by Direct Recognition. <i>Developmental Cell</i> , 2014, 30, 394-409.	3.1	269
2371	Bioactive Silica Nanoparticles Promote Osteoblast Differentiation through Stimulation of Autophagy and Direct Association with LC3 and p62. <i>ACS Nano</i> , 2014, 8, 5898-5910.	7.3	170

#	ARTICLE	IF	CITATIONS
2372	Identification and expression analysis of the zebrafish orthologues of the mammalian MAP1LC3 gene family. <i>Experimental Cell Research</i> , 2014, 328, 228-237.	1.2	13
2373	Evaluation of the Protective Potential of Brain Microvascular Endothelial Cell Autophagy on Bloodâ€‘Brain Barrier Integrity During Experimental Cerebral Ischemiaâ€‘Reperfusion Injury. <i>Translational Stroke Research</i> , 2014, 5, 618-626.	2.3	167
2374	Pharmacological modulation of autophagy enhances Newcastle disease virus-mediated oncolysis in drug-resistant lung cancer cells. <i>BMC Cancer</i> , 2014, 14, 551.	1.1	46
2375	Inhibition of G9a induces DUSP4-dependent autophagic cell death in head and neck squamous cell carcinoma. <i>Molecular Cancer</i> , 2014, 13, 172.	7.9	58
2376	Replication of <i>Brucella abortus</i> and <i>Brucella melitensis</i> in fibroblasts does not require Atg5-dependent macroautophagy. <i>BMC Microbiology</i> , 2014, 14, 223.	1.3	14
2377	The pro-apoptotic role of autophagy in breast cancer. <i>British Journal of Cancer</i> , 2014, 111, 309-317.	2.9	26
2378	Tumor necrosis factor receptor-associated periodic syndrome as a model linking autophagy and inflammation in protein aggregation diseases. <i>Journal of Molecular Medicine</i> , 2014, 92, 583-594.	1.7	23
2379	The autophagy/lysosome pathway is impaired in SCA7 patients and SCA7 knock-in mice. <i>Acta Neuropathologica</i> , 2014, 128, 705-722.	3.9	56
2380	ERADication of EDEM1 occurs by selective autophagy and requires deglycosylation by cytoplasmic peptide N-glycanase. <i>Histochemistry and Cell Biology</i> , 2014, 142, 153-169.	0.8	18
2381	Cloning of PaAtg8 and roles of autophagy in adaptation to starvation with respect to the fat body and midgut of the Americana cockroach, <i>Periplaneta americana</i> . <i>Cell and Tissue Research</i> , 2014, 356, 405-416.	1.5	6
2382	Down-Regulation of miRNA-30a Alleviates Cerebral Ischemic Injury Through Enhancing Beclin 1-Mediated Autophagy. <i>Neurochemical Research</i> , 2014, 39, 1279-1291.	1.6	123
2383	Suppression of autophagy by chloroquine sensitizes 5-fluorouracil-mediated cell death in gallbladder carcinoma cells. <i>Cell and Bioscience</i> , 2014, 4, 10.	2.1	66
2384	Lipin-1 Regulates Autophagy Clearance and Intersects with Statin Drug Effects in Skeletal Muscle. <i>Cell Metabolism</i> , 2014, 20, 267-279.	7.2	134
2385	Pathogenic effects of amyotrophic lateral sclerosis-linked mutation in D-amino acid oxidase are mediated by D-serine. <i>Neurobiology of Aging</i> , 2014, 35, 876-885.	1.5	32
2386	Sulforaphane enhances proteasomal and autophagic activities in mice and is a potential therapeutic reagent for Huntington's disease. <i>Journal of Neurochemistry</i> , 2014, 129, 539-547.	2.1	87
2387	PTEN Deficiency Mediates a Reciprocal Response to IGF1 and mTOR Inhibition. <i>Molecular Cancer Research</i> , 2014, 12, 1610-1620.	1.5	25
2388	Differential induction of autophagy by mTOR is associated with abnormal apoptosis in ovarian endometriotic cysts. <i>Molecular Human Reproduction</i> , 2014, 20, 309-317.	1.3	69
2389	Induction of autophagy in human neuroblastoma SH-SY5Y cells by tri-ortho-cresyl phosphate. <i>Molecular and Cellular Biochemistry</i> , 2014, 396, 33-40.	1.4	17

#	ARTICLE	IF	CITATIONS
2390	Targeting Cancer Cells via the Reactive Oxygen Species-Mediated Unfolded Protein Response with a Novel Synthetic Polyphenol Conjugate. <i>Clinical Cancer Research</i> , 2014, 20, 4302-4313.	3.2	54
2391	Retromer: A Master Conductor of Endosome Sorting. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016774-a016774.	2.3	362
2392	A novel manganese complex LMnAc selectively kills cancer cells by induction of ROS-triggered and mitochondrial-mediated cell death. <i>Science China Life Sciences</i> , 2014, 57, 998-1010.	2.3	11
2393	Anti-Necroptosis Chemical Necrostatin-1 Can Also Suppress Apoptotic and Autophagic Pathway to Exert Neuroprotective Effect in Mice Intracerebral Hemorrhage Model. <i>Journal of Molecular Neuroscience</i> , 2014, 52, 242-249.	1.1	62
2394	Inhibition of autophagy enhances the cytotoxic effect of PA-MSHA in breast cancer. <i>BMC Cancer</i> , 2014, 14, 273.	1.1	17
2395	Autophagic flux determines cell death and survival in response to Apo2L/TRAIL (dulanermin). <i>Molecular Cancer</i> , 2014, 13, 70.	7.9	62
2396	Cannabinoid-induced autophagy regulates suppressor of cytokine signaling-3 in intestinal epithelium. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G140-G148.	1.6	26
2397	Endoplasmic reticulum stress-mediated autophagy protects against lipopolysaccharide-induced apoptosis in HL-1 cardiomyocytes. <i>Experimental Physiology</i> , 2014, 99, 1348-1358.	0.9	38
2398	p27 Protein Protects Metabolically Stressed Cardiomyocytes from Apoptosis by Promoting Autophagy. <i>Journal of Biological Chemistry</i> , 2014, 289, 16924-16935.	1.6	45
2399	Defective autophagosome trafficking contributes to impaired autophagic flux in coronary arterial myocytes lacking CD38 gene. <i>Cardiovascular Research</i> , 2014, 102, 68-78.	1.8	53
2400	Autophagy and ER-stress contribute to photoreceptor degeneration in cultured adult porcine retina. <i>Brain Research</i> , 2014, 1585, 167-183.	1.1	27
2401	Beclin 1 knockdown retards re-endothelialization and exacerbates neointimal formation via a crosstalk between autophagy and apoptosis. <i>Atherosclerosis</i> , 2014, 237, 146-154.	0.4	22
2402	GA binding protein augments autophagy via transcriptional activation of <i>BECN1-PIK3C3</i> complex genes. <i>Autophagy</i> , 2014, 10, 1622-1636.	4.3	12
2403	Proteasome Dysfunction Activates Autophagy and the Keap1-Nrf2 Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 24944-24955.	1.6	95
2404	A quick signal of starvation induced autophagy: Transcription versus post-translational modification of LC3. <i>Analytical Biochemistry</i> , 2014, 465, 28-34.	1.1	23
2405	Statin Therapy Reduces the Mycobacterium tuberculosis Burden in Human Macrophages and in Mice by Enhancing Autophagy and Phagosome Maturation. <i>Journal of Infectious Diseases</i> , 2014, 209, 754-763.	1.9	245
2406	Nasopharyngeal Cancer-Specific Therapy Based on Fusion Peptide-Functionalized Lipid Nanoparticles. <i>ACS Nano</i> , 2014, 8, 4334-4347.	7.3	39
2407	The Regulation of Autophagosome Dynamics by Huntingtin and HAP1 Is Disrupted by Expression of Mutant Huntingtin, Leading to Defective Cargo Degradation. <i>Journal of Neuroscience</i> , 2014, 34, 1293-1305.	1.7	310

#	ARTICLE	IF	CITATIONS
2408	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. <i>Neurobiology of Disease</i> , 2014, 62, 426-440.	2.1	49
2409	Accelerating the clearance of mutant huntingtin protein aggregates through autophagy induction by europium hydroxide nanorods. <i>Biomaterials</i> , 2014, 35, 899-907.	5.7	60
2410	Berberine improves pressure overload-induced cardiac hypertrophy and dysfunction through enhanced autophagy. <i>European Journal of Pharmacology</i> , 2014, 728, 67-76.	1.7	128
2411	Microgravity control of autophagy modulates osteoclastogenesis. <i>Bone</i> , 2014, 61, 125-131.	1.4	75
2412	Restriction of Food Intake Prevents Postinfarction Heart Failure by Enhancing Autophagy in the Surviving Cardiomyocytes. <i>American Journal of Pathology</i> , 2014, 184, 1384-1394.	1.9	29
2413	Autophagy is needed for the growth of pancreatic adenocarcinoma and has a cytoprotective effect against anticancer drugs. <i>European Journal of Cancer</i> , 2014, 50, 1382-1390.	1.3	98
2414	Atg5 deficit exaggerates the lysosome formation and cathepsin B activation in mice brain after lipid nanoparticles injection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1843-1852.	1.7	6
2415	T cell receptor-mediated activation is a potent inducer of macroautophagy in human CD8+CD28+ T cells but not in CD8+CD28 [~] T cells. <i>Experimental Gerontology</i> , 2014, 54, 75-83.	1.2	45
2416	Increased autophagy reduces endoplasmic reticulum stress after neonatal hypoxia [~] ischemia: Role of protein synthesis and autophagic pathways. <i>Experimental Neurology</i> , 2014, 255, 103-112.	2.0	71
2417	Genetic ablation and short-duration inhibition of lipoxygenase results in increased macroautophagy. <i>Experimental Cell Research</i> , 2014, 321, 276-287.	1.2	13
2418	miR-205 impairs the autophagic flux and enhances cisplatin cytotoxicity in castration-resistant prostate cancer cells. <i>Biochemical Pharmacology</i> , 2014, 87, 579-597.	2.0	83
2419	Autophagy in the brain of neonates following hypoxia [~] ischemia shows sex- and region-specific effects. <i>Neuroscience</i> , 2014, 256, 201-209.	1.1	70
2420	Activation of the ubiquitin [~] proteasome system against arsenic trioxide cardiotoxicity involves ubiquitin ligase Parkin for mitochondrial homeostasis. <i>Toxicology</i> , 2014, 322, 43-50.	2.0	26
2421	tert-Butylhydroquinone (tBHQ) protects hepatocytes against lipotoxicity via inducing autophagy independently of Nrf2 activation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 22-33.	1.2	73
2422	Age-related disruption of autophagy in dermal fibroblasts modulates extracellular matrix components. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 167-172.	1.0	46
2423	MicroRNA-216b/Beclin 1 axis regulates autophagy and apoptosis in human Tenon's capsule fibroblasts upon hydroxycamptothecin exposure. <i>Experimental Eye Research</i> , 2014, 123, 43-55.	1.2	38
2424	Relationship Between Redox Status and Cell Fate in Immunity and Autoimmunity. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 103-122.	2.5	26
2425	A current perspective of autophagosome biogenesis. <i>Cell Research</i> , 2014, 24, 58-68.	5.7	302

#	ARTICLE	IF	CITATIONS
2426	Exploiting Intrinsic Nanoparticle Toxicity: The Pros and Cons of Nanoparticle-Induced Autophagy in Biomedical Research. <i>Chemical Reviews</i> , 2014, 114, 7581-7609.	23.0	222
2427	Monofunctional Stealth Nanoparticle for Unbiased Single Molecule Tracking Inside Living Cells. <i>Nano Letters</i> , 2014, 14, 2189-2195.	4.5	18
2428	Histone deacetylase inhibitors and cell death. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3885-3901.	2.4	161
2429	Voltage-dependent anion channels (VDACs) promote mitophagy to protect neuron from death in an early brain injury following a subarachnoid hemorrhage in rats. <i>Brain Research</i> , 2014, 1573, 74-83.	1.1	38
2430	Characterization of V-ATPase inhibitor-induced secretion of cysteine-rich with EGF-like domains 2. <i>Cell Biology and Toxicology</i> , 2014, 30, 127-136.	2.4	9
2431	Skeletal muscle mitochondrial uncoupling drives endocrine cross-talk through the induction of FGF21 as a myokine. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E469-E482.	1.8	179
2432	Autophagy and enhanced chemosensitivity in experimental pancreatic cancers induced by noninvasive radiofrequency field treatment. <i>Cancer</i> , 2014, 120, 480-491.	2.0	23
2433	Enhancing therapeutic efficacy through designed aggregation of nanoparticles. <i>Biomaterials</i> , 2014, 35, 7860-7869.	5.7	40
2434	Dynamic regulation of macroautophagy by distinctive ubiquitin-like proteins. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 336-345.	3.6	235
2435	LC3 Binding to the Scaffolding Protein JIP1 Regulates Processive Dynein-Driven Transport of Autophagosomes. <i>Developmental Cell</i> , 2014, 29, 577-590.	3.1	178
2436	TLR2 mediates phagocytosis and autophagy through JNK signaling pathway in <i>Staphylococcus aureus</i> -stimulated RAW264.7 cells. <i>Cellular Signalling</i> , 2014, 26, 806-814.	1.7	125
2437	An Overview of Autophagy: Morphology, Mechanism, and Regulation. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 460-473.	2.5	1,669
2438	Autophagy enhances hepatocellular carcinoma progression by activation of mitochondrial β^2 -oxidation. <i>Journal of Gastroenterology</i> , 2014, 49, 907-916.	2.3	57
2439	<i>Galleria mellonella</i> hemocytes destruction after infection with <i>Pseudomonas aeruginosa</i> . <i>Journal of Basic Microbiology</i> , 2014, 54, 232-246.	1.8	31
2441	Inhibition of Autophagy Contributes to Melatonin-Mediated Neuroprotection Against Transient Focal Cerebral Ischemia in Rats. <i>Journal of Pharmacological Sciences</i> , 2014, 124, 354-364.	1.1	85
2443	Fluorescence-based visualization of autophagic activity predicts mouse embryo viability. <i>Scientific Reports</i> , 2014, 4, 4533.	1.6	29
2444	Involvement of β^2 -catenin in matrine-induced autophagy and apoptosis in WB-F344 cells. <i>Molecular Medicine Reports</i> , 2014, 9, 2547-2553.	1.1	12
2445	Caveolin-1 functions as a key regulator of $17\beta^2$ -estradiol-mediated autophagy and apoptosis in BT474 breast cancer cells. <i>International Journal of Molecular Medicine</i> , 2014, 34, 822-827.	1.8	34

#	ARTICLE	IF	CITATIONS
2446	Cellular Metabolic Regulators. <i>Annals of Surgery</i> , 2014, 259, 999-1006.	2.1	7
2447	Upregulation of forkhead box O3 transcription is involved in C2-ceramide induced apoptosis and autophagy in ovarian cancer cells in vitro. <i>Molecular Medicine Reports</i> , 2014, 10, 3099-3105.	1.1	17
2448	Pexophagy is induced by increasing peroxisomal reactive oxygen species in 1 α ,25(OH) $_2$ D $_3$ -phenanthroline-treated cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 354-360.	1.0	20
2449	Cordycepin induces apoptosis and autophagy in human neuroblastoma SK-N-SH and BE(2)-M17 cells. <i>Oncology Letters</i> , 2015, 9, 2541-2547.	0.8	31
2450	Hypoxia induces autophagy in human vascular endothelial cells in a hypoxia-inducible factor 1-dependent manner. <i>Molecular Medicine Reports</i> , 2015, 11, 2677-2682.	1.1	20
2451	Bone fracture in a rat femoral fracture model is associated with the activation of autophagy. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1675-1680.	0.8	10
2452	XingNaoJing, prescription of traditional Chinese medicine, prevents autophagy in experimental stroke by repressing p53-DRAM pathway. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 377.	3.7	20
2453	Is it time to test biguanide metformin in the treatment of melanoma?. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 8-20.	1.5	27
2454	Atg8 is involved in endosomal and phagosomal acidification in the parasitic protist <i>E. ntamoeba histolytica</i> . <i>Cellular Microbiology</i> , 2015, 17, 1510-1522.	1.1	18
2455	Nutrient starvation affects expression of LC3 family at the feto-maternal interface during murine placentation. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 305-311.	0.3	12
2456	Nanoparticles modulate autophagic effect in a dispersity-dependent manner. <i>Scientific Reports</i> , 2015, 5, 14361.	1.6	66
2457	Autophagy is induced upon platelet activation and is essential for hemostasis and thrombosis. <i>Blood</i> , 2015, 126, 1224-1233.	0.6	106
2458	Fasting activates macroautophagy in neurons of Alzheimer's disease mouse model but is insufficient to degrade amyloid-beta. <i>Scientific Reports</i> , 2015, 5, 12115.	1.6	56
2459	Functional drug screening reveals anticonvulsants as enhancers of mTOR-independent autophagic killing of <i>Mycobacterium tuberculosis</i> through inositol depletion. <i>EMBO Molecular Medicine</i> , 2015, 7, 127-139.	3.3	137
2461	Cytoplasmic sphingosine-1-phosphate pathway modulates neuronal autophagy. <i>Scientific Reports</i> , 2015, 5, 15213.	1.6	73
2462	Impairment of chaperone-mediated autophagy leads to selective lysosomal degradation defects in the lysosomal storage disease cystinosis. <i>EMBO Molecular Medicine</i> , 2015, 7, 158-174.	3.3	81
2463	Cold ischemia-induced autophagy in rat lung tissue. <i>Molecular Medicine Reports</i> , 2015, 11, 2513-2519.	1.1	12
2464	Inhibition of Autophagy by Chloroquine Stimulates Nitric Oxide Production and Protects Endothelial Function during Serum Deprivation. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 1168-1177.	1.1	29

#	ARTICLE	IF	CITATIONS
2465	Impaired Autophagosome Clearance Contributes to Local Anesthetic Bupivacaine-induced Myotoxicity in Mouse Myoblasts. <i>Anesthesiology</i> , 2015, 122, 595-605.	1.3	25
2466	Avermectin induced autophagy in pigeon spleen tissues. <i>Chemico-Biological Interactions</i> , 2015, 242, 327-333.	1.7	12
2467	Perlecan inhibits autophagy to maintain muscle homeostasis in mouse soleus muscle. <i>Matrix Biology</i> , 2015, 48, 26-35.	1.5	48
2468	Anti-inflammatory Function of High-Density Lipoproteins via Autophagy of Î²B Kinase. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015, 1, 171-187.e1.	2.3	33
2469	Effects of 3-styrylchromones on metabolic profiles and cell death in oral squamous cell carcinoma cells. <i>Toxicology Reports</i> , 2015, 2, 1281-1290.	1.6	33
2470	AMBRA1 and SQSTM1 expression pattern in prostate cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1577-1586.	2.2	23
2471	Autophagy biomarkers in CSF correlates with infarct size, clinical severity and neurological outcome in AIS patients. <i>Journal of Translational Medicine</i> , 2015, 13, 359.	1.8	30
2472	The histone deacetylase inhibitor cambinol prevents acidic pH-induced anterograde lysosome trafficking independently of sirtuin activity. <i>Biochemistry and Biophysics Reports</i> , 2015, 3, 83-93.	0.7	5
2473	Electroacupuncture pretreatment induces tolerance against cerebral ischemia/reperfusion injury through inhibition of the autophagy pathway. <i>Molecular Medicine Reports</i> , 2015, 11, 4438-4446.	1.1	37
2474	Autophagy defects suggested by low levels of autophagy activator MAP1S and high levels of autophagy inhibitor LRPPRC predict poor prognosis of prostate cancer patients. <i>Molecular Carcinogenesis</i> , 2015, 54, 1194-1204.	1.3	41
2475	Altered lysosomal positioning affects lysosomal functions in a cellular model of Huntington's disease. <i>European Journal of Neuroscience</i> , 2015, 42, 1941-1951.	1.2	52
2476	Downregulation of ASPP2 in pancreatic cancer cells contributes to increased resistance to gemcitabine through autophagy activation. <i>Molecular Cancer</i> , 2015, 14, 177.	7.9	44
2477	<sc>KIM</sc>â€mediated phagocytosis links <sc>ATG</sc>5â€dependent clearance of apoptotic cells to antigen presentation. <i>EMBO Journal</i> , 2015, 34, 2441-2464.	3.5	76
2478	The mitochondrial uncoupler <sc>DNP</sc> triggers brain cell <sc>mTOR</sc> signaling network reprogramming and <sc>CREB</sc> pathway upâ€regulation. <i>Journal of Neurochemistry</i> , 2015, 134, 677-692.	2.1	53
2480	LC3B, a Protein That Serves as an Autophagic Marker, Modulates Angiotensin II-induced Myocardial Hypertrophy. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 576-583.	0.8	16
2481	Rational Structureâ€Based Design of Bright GFPâ€Based Complexes with Tunable Dimerization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13952-13956.	7.2	18
2482	Nucleofection of Rat Pheochromocytoma PC-12 Cells with Human Mutated Beta-Amyloid Precursor Protein Gene (<i>APP-sw</i>) Leads to Reduced Viability, Autophagy-Like Process, and Increased Expression and Secretion of Beta Amyloid. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	8
2483	Proteomic response to 5,6-dimethylxanthenone 4-acetic acid (DMXAA, vadimezan) in human non-small cell lung cancer A549 cells determined by the stable-isotope labeling by amino acids in cell culture (SILAC) approach. <i>Drug Design, Development and Therapy</i> , 2015, 9, 937.	2.0	16

#	ARTICLE	IF	CITATIONS
2484	The Role of Autophagy in Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26629-26643.	1.8	81
2485	Activation of ER Stress and Autophagy Induced by TDP-43 A315T as Pathogenic Mechanism and the Corresponding Histological Changes in Skin as Potential Biomarker for ALS with the Mutation. <i>International Journal of Biological Sciences</i> , 2015, 11, 1140-1149.	2.6	38
2486	Autophagy in colorectal cancer: An important switch from physiology to pathology. <i>World Journal of Gastrointestinal Oncology</i> , 2015, 7, 271.	0.8	120
2487	Immunohistochemical and ultrastructural study of the lamellae of oocytes in atretic follicles in relation to different processes of cell death. <i>European Journal of Histochemistry</i> , 2015, 59, 2535.	0.6	10
2488	Anticancer activities of self-assembled molecular bowls containing a phenanthrene-based donor and Ru(II) acceptors. <i>International Journal of Nanomedicine</i> , 2015, 10 Spec Iss, 143.	3.3	9
2489	Alisertib, an Aurora kinase A inhibitor, induces apoptosis and autophagy but inhibits epithelial to mesenchymal transition in human epithelial ovarian cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 425.	2.0	43
2490	The pan-inhibitor of Aurora kinases danusertib induces apoptosis and autophagy and suppresses epithelial-to-mesenchymal transition in human breast cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1027.	2.0	26
2491	AMP-activated protein kinase regulates autophagic protection against cisplatin-induced tissue injury in the kidney. <i>Genetics and Molecular Research</i> , 2015, 14, 12006-12015.	0.3	18
2492	The Function of Autophagy in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26797-26812.	1.8	129
2493	Autophagy facilitates lung adenocarcinoma resistance to cisplatin treatment by activation of AMPK/mTOR signaling pathway. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6421.	2.0	65
2494	Dehydroandrographolide, an iNOS inhibitor, extracted from <i>Andrographis paniculata</i> (Burm.f.) Nees, induces autophagy in human oral cancer cells. <i>Oncotarget</i> , 2015, 6, 30831-30849.	0.8	31
2495	Niemann-Pick disease type C2 protein induces autophagy and inhibits growth in FM3A breast cancer cells. <i>Drug Discoveries and Therapeutics</i> , 2015, 9, 282-288.	0.6	4
2496	EGCG-mediated autophagy flux has a neuroprotection effect via a class III histone deacetylase in primary neuron cells. <i>Oncotarget</i> , 2015, 6, 9701-9717.	0.8	59
2497	Autophagy Induced by Varicella-Zoster Virus and the Maintenance of Cellular Homeostasis. , 2015, , 159-167.		0
2498	Autophagy as a Therapeutic Target in Gastrointestinal Cancer. , 2015, , .		0
2499	Interactions between Autophagy and Bacterial Toxins: Targets for Therapy?. <i>Toxins</i> , 2015, 7, 2918-2958.	1.5	20
2500	Oligomerization of p62 allows for selection of ubiquitinated cargo and isolation membrane during selective autophagy. <i>ELife</i> , 2015, 4, e08941.	2.8	193
2501	Direct and/or Indirect Roles for SUMO in Modulating Alpha-Synuclein Toxicity. <i>Biomolecules</i> , 2015, 5, 1697-1716.	1.8	28

#	ARTICLE	IF	CITATIONS
2502	Mitochondria: A Therapeutic Target for Parkinson's Disease?. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20704-20730.	1.8	96
2503	Unfolded Protein Response and Macroautophagy in Alzheimer's, Parkinson's and Prion Diseases. <i>Molecules</i> , 2015, 20, 22718-22756.	1.7	31
2504	The role of autophagy in intracellular pathogen nutrient acquisition. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 51.	1.8	47
2505	Differing roles of autophagy in HIV-associated neurocognitive impairment and encephalitis with implications for morphine co-exposure. <i>Frontiers in Microbiology</i> , 2015, 6, 653.	1.5	33
2506	Comparative analysis of autophagy and tauopathy related markers in cerebral ischemia and Alzheimer's disease animal models. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 84.	1.7	23
2507	Axonal protection by short-term hyperglycemia with involvement of autophagy in TNF-induced optic nerve degeneration. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 425.	1.8	13
2508	Autophagy, a Highly Regulated Intracellular System Essential to Skeletal Muscle Homeostasis: Role in Disease, Exercise and Altitude Exposure. , 0, , .		6
2509	Induction of apoptosis and autophagy via sirtuin1- and PI3K/Akt/mTOR-mediated pathways by plumbagin in human prostate cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1511.	2.0	86
2510	Reliable LC3 and p62 autophagy marker detection in formalin fixed paraffin embedded human tissue by immunohistochemistry. <i>European Journal of Histochemistry</i> , 2015, 59, 2481.	0.6	117
2511	Genetic and Chemical Activation of TFEB Mediates Clearance of Aggregated α -Synuclein. <i>PLoS ONE</i> , 2015, 10, e0120819.	1.1	116
2512	The <i>Xenopus laevis</i> Atg4B Protease: Insights into Substrate Recognition and Application for Tag Removal from Proteins Expressed in Pro- and Eukaryotic Hosts. <i>PLoS ONE</i> , 2015, 10, e0125099.	1.1	7
2513	ULK2 Ser 1027 Phosphorylation by PKA Regulates Its Nuclear Localization Occurring through Karyopherin Beta 2 Recognition of a PY-NLS Motif. <i>PLoS ONE</i> , 2015, 10, e0127784.	1.1	7
2514	The Ankyrin Repeat Domain 49 (ANKRD49) Augments Autophagy of Serum-Starved GC-1 Cells through the NF- κ B Pathway. <i>PLoS ONE</i> , 2015, 10, e0128551.	1.1	14
2515	Luteolin and Apigenin Attenuate 4-Hydroxy-2-Nonenal-Mediated Cell Death through Modulation of UPR, Nrf2-ARE and MAPK Pathways in PC12 Cells. <i>PLoS ONE</i> , 2015, 10, e0130599.	1.1	50
2516	The Murine Model of Mucopolysaccharidosis IIIB Develops Cardiopathies over Time Leading to Heart Failure. <i>PLoS ONE</i> , 2015, 10, e0131662.	1.1	24
2517	The Effects of Methylene Blue on Autophagy and Apoptosis in MRI-Defined Normal Tissue, Ischemic Penumbra and Ischemic Core. <i>PLoS ONE</i> , 2015, 10, e0131929.	1.1	30
2518	Protective Macroautophagy Is Involved in Vitamin E Succinate Effects on Human Gastric Carcinoma Cell Line SGC-7901 by Inhibiting mTOR Axis Phosphorylation. <i>PLoS ONE</i> , 2015, 10, e0132829.	1.1	12
2519	Withaferin A Induces Cell Death Selectively in Androgen-Independent Prostate Cancer Cells but Not in Normal Fibroblast Cells. <i>PLoS ONE</i> , 2015, 10, e0134137.	1.1	52

#	ARTICLE	IF	CITATIONS
2520	Cilostazol Upregulates Autophagy via SIRT1 Activation: Reducing Amyloid- β Peptide and APP-CTF β Levels in Neuronal Cells. PLoS ONE, 2015, 10, e0134486.	1.1	30
2521	Autophagosome Proteins LC3A, LC3B and LC3C Have Distinct Subcellular Distribution Kinetics and Expression in Cancer Cell Lines. PLoS ONE, 2015, 10, e0137675.	1.1	135
2522	Lithium Decreases Glial Fibrillary Acidic Protein in a Mouse Model of Alexander Disease. PLoS ONE, 2015, 10, e0138132.	1.1	16
2523	Sulforaphane Protects the Liver against CdSe Quantum Dot-Induced Cytotoxicity. PLoS ONE, 2015, 10, e0138771.	1.1	22
2524	Triptolide Inhibited Cytotoxicity of Differentiated PC12 Cells Induced by Amyloid-Beta25 β 35 via the Autophagy Pathway. PLoS ONE, 2015, 10, e0142719.	1.1	35
2525	HMGB1 Promotes Mitochondrial Dysfunction β Triggered Striatal Neurodegeneration via Autophagy and Apoptosis Activation. PLoS ONE, 2015, 10, e0142901.	1.1	27
2526	Transforming Growth Factor TGF β 2 Increases Levels of Microtubule-Associated Protein MAP1S and Autophagy Flux in Pancreatic Ductal Adenocarcinomas. PLoS ONE, 2015, 10, e0143150.	1.1	10
2527	Rapamycin Ester Analog CCI-779/Temsirolimus Alleviates Tau Pathology and Improves Motor Deficit in Mutant Tau Transgenic Mice. Journal of Alzheimer's Disease, 2015, 44, 1145-1156.	1.2	64
2528	Autophagy facilitates multidrug resistance development through inhibition of apoptosis in breast cancer cells. Neoplasma, 2015, 62, 199-208.	0.7	40
2529	Danusertib, a potent pan-Aurora kinase and ABL kinase inhibitor, induces cell cycle arrest and programmed cell death and inhibits epithelial to mesenchymal transition involving the PI3K/Akt/mTOR-mediated signaling pathway in human gastric cancer AGS and NCI-N78 cells. Drug Design, Development and Therapy, 2015, 9, 1293.	2.0	39
2530	The investigational Aurora kinase A inhibitor alisertib (MLN8237) induces cell cycle G2/M arrest, apoptosis, and autophagy via p38 MAPK and Akt/mTOR signaling pathways in human breast cancer cells. Drug Design, Development and Therapy, 2015, 9, 1627.	2.0	63
2531	Plumbagin induces G2/M arrest, apoptosis, and autophagy via p38 MAPK- and PI3K/Akt/mTOR-mediated pathways in human tongue squamous cell carcinoma cells. Drug Design, Development and Therapy, 2015, 9, 1601.	2.0	75
2532	Necrosis as Programmed Cell Death. , 0, , .		9
2533	The Role of Autophagy in Kidney Inflammatory Injury via the NF- κ B Route Induced by LPS. International Journal of Medical Sciences, 2015, 12, 655-667.	1.1	35
2534	Inhibition of mitotic;Aurora kinase A by alisertib induces apoptosis and autophagy of human gastric cancer AGS and NCI-N78 cells. Drug Design, Development and Therapy, 2015, 9, 487.	2.0	32
2535	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.	0.9	17
2536	Neuroprotective Effect of Simvastatin via Inducing the Autophagy on Spinal Cord Injury in the Rat Model. BioMed Research International, 2015, 2015, 1-9.	0.9	51
2537	Cellular and Molecular Connections between Autophagy and Inflammation. Mediators of Inflammation, 2015, 2015, 1-13.	1.4	129

#	ARTICLE	IF	CITATIONS
2538	Autophagic flux without a block differentiates varicella-zoster virus infection from herpes simplex virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 256-261.	3.3	42
2539	Conophylline Protects Cells in Cellular Models of Neurodegenerative Diseases by Inducing Mammalian Target of Rapamycin (mTOR)-independent Autophagy. <i>Journal of Biological Chemistry</i> , 2015, 290, 6168-6178.	1.6	44
2540	Structure of the Atg101-Atg13 complex reveals essential roles of Atg101 in autophagy initiation. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 572-580.	3.6	94
2541	Autophagic Signaling and Proteolytic Enzyme Activity in Cardiac and Skeletal Muscle of Spontaneously Hypertensive Rats following Chronic Aerobic Exercise. <i>PLoS ONE</i> , 2015, 10, e0119382.	1.1	39
2542	The integral membrane protein ITM2A, a transcriptional target of PKA-CREB, regulates autophagic flux via interaction with the vacuolar ATPase. <i>Autophagy</i> , 2015, 11, 756-768.	4.3	31
2543	ER Stress and Autophagy Dysfunction Contribute to Fatty Liver in Diabetic Mice. <i>International Journal of Biological Sciences</i> , 2015, 11, 559-568.	2.6	54
2544	Estrogen promotes the survival of human secretory phase endometrial stromal cells via CXCL12/CXCR4 up-regulation-mediated autophagy inhibition. <i>Human Reproduction</i> , 2015, 30, 1677-1689.	0.4	95
2545	RhoA/ROCK1 regulates Avian Reovirus S1133-induced switch from autophagy to apoptosis. <i>BMC Veterinary Research</i> , 2015, 11, 103.	0.7	9
2546	The Interplay between Alpha-Synuclein Clearance and Spreading. <i>Biomolecules</i> , 2015, 5, 435-471.	1.8	79
2547	Atg1 family kinases in autophagy initiation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3083-3096.	2.4	104
2548	Discovery of molecular mechanisms of lignan justicidin A using L1000 gene expression profiles and the Library of Integrated Network-based Cellular Signatures database. <i>Journal of Functional Foods</i> , 2015, 16, 81-93.	1.6	5
2549	Cucurbitacin B induces DNA damage and autophagy mediated by reactive oxygen species (ROS) in MCF-7 breast cancer cells. <i>Journal of Natural Medicines</i> , 2015, 69, 522-530.	1.1	48
2550	Lithium Ameliorates Motor Disturbance by Enhancing Autophagy in Tauopathy Model Mice. , 2015, , 139-148.		0
2551	3-Anhydro-6-hydroxy-ophiobolin A, a fungal sesterterpene from <i>Bipolaris oryzae</i> induced autophagy and promoted the degradation of β -synuclein in PC12 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1464-1470.	1.0	15
2552	AMPK Activation of Muscle Autophagy Prevents Fasting-Induced Hypoglycemia and Myopathy during Aging. <i>Cell Metabolism</i> , 2015, 21, 883-890.	7.2	190
2553	Macroautophagic cargo sequestration assays. <i>Methods</i> , 2015, 75, 25-36.	1.9	24
2554	Dengue Virus Inhibition of Autophagic Flux and Dependency of Viral Replication on Proteasomal Degradation of the Autophagy Receptor p62. <i>Journal of Virology</i> , 2015, 89, 8026-8041.	1.5	100
2555	Amino Acid Metabolism Inhibits Antibody-Driven Kidney Injury by Inducing Autophagy. <i>Journal of Immunology</i> , 2015, 194, 5713-5724.	0.4	40

#	ARTICLE	IF	CITATIONS
2556	Role of ROS-mediated autophagy in radiation-induced bystander effect of hepatoma cells. <i>International Journal of Radiation Biology</i> , 2015, 91, 452-458.	1.0	37
2557	Impaired autophagy in mouse embryonic fibroblasts null for KrÄ¼ppel-like Factor 4 promotes DNA damage and increases apoptosis upon serum starvation. <i>Molecular Cancer</i> , 2015, 14, 101.	7.9	42
2558	A TRP Channel Senses Lysosome Neutralization by Pathogens to Trigger Their Expulsion. <i>Cell</i> , 2015, 161, 1306-1319.	13.5	227
2559	Autophagy in Alzheimerâ€™s disease. <i>Reviews in the Neurosciences</i> , 2015, 26, 385-95.	1.4	167
2560	Exon 4-encoded sequence is a major determinant of cytotoxicity of apolipoprotein L1. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C22-C37.	2.1	49
2561	BAF is a cytosolic DNA sensor that leads to exogenous DNA avoiding autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7027-7032.	3.3	34
2562	Toll-Like Receptor Signaling Induces Nrf2 Pathway Activation through p62-Triggered Keap1 Degradation. <i>Molecular and Cellular Biology</i> , 2015, 35, 2673-2683.	1.1	76
2563	Emerging roles of PtdIns(4,5)P ₂ beyond the plasma membrane. <i>Journal of Cell Science</i> , 2015, 128, 4047-4056.	1.2	94
2564	Hydrogen sulfide reduces serum triglyceride by activating liver autophagy via the AMPK-mTOR pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E925-E935.	1.8	107
2565	Mitochondrial DNA-LL-37 Complex Promotes Atherosclerosis by Escaping from Autophagic Recognition. <i>Immunity</i> , 2015, 43, 1137-1147.	6.6	91
2566	The role of autophagy in mechanisms of tumor cell death. <i>Biology Bulletin Reviews</i> , 2015, 5, 579-588.	0.3	4
2567	Akt inhibition attenuates rasfonin-induced autophagy and apoptosis through the glycolytic pathway in renal cancer cells. <i>Cell Death and Disease</i> , 2015, 6, e2005-e2005.	2.7	44
2568	The mucopolidosis IV Ca ²⁺ channel TRPML1 (MCOLN1) is regulated by the TOR kinase. <i>Biochemical Journal</i> , 2015, 470, 331-342.	1.7	63
2569	Isolation of a novel bio-peptide from walnut residual protein inducing apoptosis and autophagy on cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 413.	3.7	45
2570	Roscovitine-treated HeLa cells finalize autophagy later than apoptosis by downregulating Bcl-2. <i>Molecular Medicine Reports</i> , 2015, 11, 1968-1974.	1.1	5
2571	Resveratrol, a potential radiation sensitizer for glioma stem cells both in vitro and in vivo. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 216-225.	1.1	50
2572	Vps34 and PLD1 take center stage in nutrient signaling: their dual roles in regulating autophagy. <i>Cell Communication and Signaling</i> , 2015, 13, 44.	2.7	13
2573	Overexpression of the autophagy-related gene SiATG8a from foxtail millet (<i>Setaria italica</i> L.) confers tolerance to both nitrogen starvation and drought stress in <i>Arabidopsis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 800-806.	1.0	68

#	ARTICLE	IF	CITATIONS
2574	Optimization of adipose tissue-derived mesenchymal stem cells by rapamycin in a murine model of acute graft-versus-host disease. <i>Stem Cell Research and Therapy</i> , 2015, 6, 202.	2.4	29
2575	Apaf1 inhibition promotes cell recovery from apoptosis. <i>Protein and Cell</i> , 2015, 6, 833-843.	4.8	23
2576	Autophagy inhibition enhances silibinin-induced apoptosis by regulating reactive oxygen species production in human prostate cancer PC-3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 151-156.	1.0	24
2577	Pulsatilla Saponin D Inhibits Autophagic Flux and Synergistically Enhances the Anticancer Activity of Chemotherapeutic Agents Against HeLa Cells. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1657-1670.	1.5	28
2578	Matrine-induced autophagy regulated by p53 through AMP-activated protein kinase in human hepatoma cells. <i>International Journal of Oncology</i> , 2015, 47, 517-526.	1.4	40
2579	Induction of autophagy contributes to cisplatin resistance in human ovarian cancer cells. <i>Molecular Medicine Reports</i> , 2015, 11, 91-98.	1.1	96
2580	Autophagy is upregulated during colorectal carcinogenesis, and in DNA microsatellite stable carcinomas. <i>Oncology Reports</i> , 2015, 34, 3222-3230.	1.2	10
2581	Ginsenoside Rg1 reduces aldosterone-induced autophagy via the AMPK/mTOR pathway in NRK-52E cells. <i>International Journal of Molecular Medicine</i> , 2015, 36, 518-526.	1.8	26
2582	Calhex231 Ameliorates Cardiac Hypertrophy by Inhibiting Cellular Autophagy in Vivo and in Vitro. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1597-1612.	1.1	47
2583	Membrane dynamics in autophagosome biogenesis. <i>Journal of Cell Science</i> , 2015, 128, 193-205.	1.2	178
2584	WIPI proteins: essential PtdIns3P effectors at the nascent autophagosome. <i>Journal of Cell Science</i> , 2015, 128, 207-17.	1.2	214
2585	Tri-ortho-cresyl phosphate induces autophagy of rat spermatogonial stem cells. <i>Reproduction</i> , 2015, 149, 163-170.	1.1	38
2586	Protective role of the dynamin inhibitor Dynasore against the cholesterol-dependent cytolysin of <i>Trueperella pyogenes</i> . <i>FASEB Journal</i> , 2015, 29, 1516-1528.	0.2	48
2587	Ceramide induced mitophagy and tumor suppression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2834-2845.	1.9	94
2588	Exploiting Cannabinoid-Induced Cytotoxic Autophagy to Drive Melanoma Cell Death. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1629-1637.	0.3	126
2589	PI(5)P Regulates Autophagosome Biogenesis. <i>Molecular Cell</i> , 2015, 57, 219-234.	4.5	230
2590	Modulating Polyplex-Mediated Gene Transfection by Small-Molecule Regulators of Autophagy. <i>Molecular Pharmaceutics</i> , 2015, 12, 932-940.	2.3	13
2591	Autophagy in Diabetes: β -Cell Dysfunction, Insulin Resistance, and Complications. <i>DNA and Cell Biology</i> , 2015, 34, 252-260.	0.9	95

#	ARTICLE	IF	CITATIONS
2592	Reduced autophagy in livers of fasted, fat-depleted, ghrelin-deficient mice: Reversal by growth hormone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1226-1231.	3.3	68
2593	BIRO1, a Cell-Permeable BH3 Peptide, Promotes Mitochondrial Fragmentation and Death of Retinoblastoma Cells. <i>Molecular Cancer Research</i> , 2015, 13, 86-97.	1.5	8
2594	High-throughput screening approaches to identify regulators of mammalian autophagy. <i>Methods</i> , 2015, 75, 96-104.	1.9	14
2595	Suppression of murine experimental autoimmune encephalomyelitis development by 1,25-dihydroxyvitamin D3 with autophagy modulation. <i>Journal of Neuroimmunology</i> , 2015, 280, 1-7.	1.1	24
2596	Insulin secretory granules control autophagy in pancreatic β cells. <i>Science</i> , 2015, 347, 878-882.	6.0	127
2597	Evaluation of chemopreventive potentials of ethanolic extract of <i>Ruta graveolens</i> against A375 skin melanoma cells in vitro and induced skin cancer in mice in vivo. <i>Journal of Integrative Medicine</i> , 2015, 13, 34-44.	1.4	17
2598	Poly-ADP-ribosylation of HMGB1 regulates TNFSF10/TRAIL resistance through autophagy. <i>Autophagy</i> , 2015, 11, 214-224.	4.3	56
2599	Teaching the basics of autophagy and mitophagy to redox biologistsâ€”Mechanisms and experimental approaches. <i>Redox Biology</i> , 2015, 4, 242-259.	3.9	103
2600	Cell death by autophagy: emerging molecular mechanisms and implications for cancer therapy. <i>Oncogene</i> , 2015, 34, 5105-5113.	2.6	285
2601	The secreted antigen, HP0175, of <i>Helicobacter pylori</i> links the unfolded protein response (UPR) to autophagy in gastric epithelial cells. <i>Cellular Microbiology</i> , 2015, 17, 714-729.	1.1	30
2602	Unconventional PINK1 localization mechanism to the outer membrane of depolarized mitochondria drives Parkin recruitment. <i>Journal of Cell Science</i> , 2015, 128, 964-78.	1.2	103
2603	Cytoprotection against beta-amyloid ($A\beta$) peptide-mediated oxidative damage and autophagy by Keap1 RNAi in human glioma U87mg cells. <i>Neuroscience Research</i> , 2015, 94, 70-78.	1.0	7
2604	Combined regulation of mTORC1 and lysosomal acidification by GSK-3 suppresses autophagy and contributes to cancer cell growth. <i>Oncogene</i> , 2015, 34, 4613-4623.	2.6	81
2605	Molecular Mechanisms of Autophagy in the Cardiovascular System. <i>Circulation Research</i> , 2015, 116, 456-467.	2.0	234
2606	<i>Phellinus Linteus</i> Extract Induces Autophagy and Synergizes With 5-Fluorouracil to Inhibit Breast Cancer Cell Growth. <i>Nutrition and Cancer</i> , 2015, 67, 275-284.	0.9	22
2607	Ginsenoside F2 Initiates an Autophagic Progression in Breast Cancer Stem Cells. , 2015, , 81-90.		0
2608	Early and Sustained Activation of Autophagy in Degenerating Axons after Spinal Cord Injury. <i>Brain Pathology</i> , 2015, 25, 157-170.	2.1	38
2609	A Kinase-Independent Role for EGF Receptor in Autophagy Initiation. <i>Cell</i> , 2015, 160, 145-160.	13.5	194

#	ARTICLE	IF	CITATIONS
2610	Sucrose Induces Vesicle Accumulation and Autophagy. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 609-617.	1.2	26
2611	You eat what you are: autophagy inhibition as a therapeutic strategy in leukemia. <i>Leukemia</i> , 2015, 29, 517-525.	3.3	77
2612	Fluorescence-based imaging of autophagy progression by human WIPI protein detection. <i>Methods</i> , 2015, 75, 69-78.	1.9	17
2613	Live-cell imaging for the assessment of the dynamics of autophagosome formation: Focus on early steps. <i>Methods</i> , 2015, 75, 54-60.	1.9	16
2614	Applications of flow cytometry for measurement of autophagy. <i>Methods</i> , 2015, 75, 87-95.	1.9	24
2615	The effects of calcipotriol on the dendritic morphology of human melanocytes under oxidative stress and a possible mechanism: Is it a mitochondrial protector?. <i>Journal of Dermatological Science</i> , 2015, 77, 117-124.	1.0	29
2616	The unexpected role of polyubiquitin chains in the formation of fibrillar aggregates. <i>Nature Communications</i> , 2015, 6, 6116.	5.8	75
2617	Autophagy and cell reprogramming. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1699-1713.	2.4	49
2618	Ultrastructural relationship of the phagophore with surrounding organelles. <i>Autophagy</i> , 2015, 11, 439-451.	4.3	117
2619	ATM-mediated PTEN phosphorylation promotes PTEN nuclear translocation and autophagy in response to DNA-damaging agents in cancer cells. <i>Autophagy</i> , 2015, 11, 239-252.	4.3	126
2620	Xylitol induces cell death in lung cancer A549 cells by autophagy. <i>Biotechnology Letters</i> , 2015, 37, 983-990.	1.1	13
2621	Roux-en-Y Gastric Bypass Reduces Lipid Overaccumulation in Liver by Upregulating Hepatic Autophagy in Obese Diabetic Rats. <i>Obesity Surgery</i> , 2015, 25, 109-118.	1.1	15
2622	A rapid and high content assay that measures cyto-ID-stained autophagic compartments and estimates autophagy flux with potential clinical applications. <i>Autophagy</i> , 2015, 11, 560-572.	4.3	121
2623	mTOR: A Potential Therapeutic Target in Osteoarthritis?. <i>Drugs in R and D</i> , 2015, 15, 27-36.	1.1	62
2624	Single-cell analysis challenges the connection between autophagy and senescence induced by DNA damage. <i>Autophagy</i> , 2015, 11, 1099-1113.	4.3	75
2625	Virotherapy targeting cyclin E overexpression in tumors with adenovirus-enhanced cancer-selective promoter. <i>Journal of Molecular Medicine</i> , 2015, 93, 211-223.	1.7	11
2626	PARK2-mediated mitophagy is involved in regulation of HBEC senescence in COPD pathogenesis. <i>Autophagy</i> , 2015, 11, 547-559.	4.3	206
2627	Mechanism of autophagic regulation in carcinogenesis and cancer therapeutics. <i>Seminars in Cell and Developmental Biology</i> , 2015, 39, 43-55.	2.3	125

#	ARTICLE	IF	CITATIONS
2628	S6K1 controls autophagosome maturation in autophagy induced by sulforaphane or serum deprivation. <i>European Journal of Cell Biology</i> , 2015, 94, 470-481.	1.6	18
2629	Redox-active and Redox-silent Compounds: Synergistic Therapeutics in Cancer. <i>Current Medicinal Chemistry</i> , 2015, 22, 552-568.	1.2	21
2630	Amino acid substitutions in the non-structural proteins 4A or 4B modulate the induction of autophagy in West Nile virus infected cells independently of the activation of the unfolded protein response. <i>Frontiers in Microbiology</i> , 2014, 5, 797.	1.5	27
2631	Role of MiR-30a in cardiomyocyte autophagy induced by Angiotensin II. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 1-5.	1.0	13
2632	Autophagy in glaucoma: Crosstalk with apoptosis and its implications. <i>Brain Research Bulletin</i> , 2015, 117, 1-9.	1.4	46
2633	Differential Reliance on Autophagy for Protection from HSV Encephalitis between Newborns and Adults. <i>PLoS Pathogens</i> , 2015, 11, e1004580.	2.1	31
2634	Long-term live imaging reveals cytosolic immune responses of host hepatocytes against <i>Plasmodium</i> infection and parasite escape mechanisms. <i>Autophagy</i> , 2015, 11, 1561-1579.	4.3	110
2635	Immunohistochemical detection of autophagy-related microtubule-associated protein 1 light chain 3 (LC3) in the cerebellums of dogs naturally infected with canine distemper virus. <i>Biotechnic and Histochemistry</i> , 2015, 90, 601-607.	0.7	10
2636	The autophagic- lysosomal pathway determines the fate of glial cells under manganese- induced oxidative stress conditions. <i>Free Radical Biology and Medicine</i> , 2015, 87, 237-251.	1.3	65
2637	Altered TFE3-mediated lysosomal biogenesis in Gaucher disease iPSC-derived neuronal cells. <i>Human Molecular Genetics</i> , 2015, 24, 5775-5788.	1.4	102
2638	Colchicine derivative as a potential anti-glioma compound. <i>Journal of Neuro-Oncology</i> , 2015, 124, 403-412.	1.4	10
2639	Autophagy in Critical Illness. , 2015, , 177-191.		0
2640	Function of human WIPI proteins in autophagosomal rejuvenation of endomembranes?. <i>FEBS Letters</i> , 2015, 589, 1546-1551.	1.3	20
2641	Vacuolization in Cytoplasm and Cell Membrane Permeability Enhancement Triggered by Micrometer-Sized Graphene Oxide. <i>ACS Nano</i> , 2015, 9, 7913-7924.	7.3	39
2642	Autophagy as a Neuroprotective Mechanism Against 3-Nitropropionic Acid-Induced Cell Death. <i>Current Topics in Neurotoxicity</i> , 2015, , 143-157.	0.4	0
2643	Thiopeptide Antibiotics Exhibit a Dual Mode of Action against Intracellular Pathogens by Affecting Both Host and Microbe. <i>Chemistry and Biology</i> , 2015, 22, 1002-1007.	6.2	55
2644	<i>miR-634</i> Activates the Mitochondrial Apoptosis Pathway and Enhances Chemotherapy-Induced Cytotoxicity. <i>Cancer Research</i> , 2015, 75, 3890-3901.	0.4	50
2645	Dienogest enhances autophagy induction in endometriotic cells by impairing activation of AKT, ERK1/2, and mTOR. <i>Fertility and Sterility</i> , 2015, 104, 655-664.e1.	0.5	60

#	ARTICLE	IF	CITATIONS
2646	The role of mTOR during cisplatin treatment in an in vitro and ex vivo model of cervical cancer. <i>Toxicology</i> , 2015, 335, 72-78.	2.0	24
2647	CapZ regulates autophagosomal membrane shaping by promoting actin assembly inside the isolation membrane. <i>Nature Cell Biology</i> , 2015, 17, 1112-1123.	4.6	115
2648	Monitoring Autophagic Flux by Using Lysosomal Inhibitors and Western Blotting of Endogenous MAP1LC3B. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.prot086256.	0.2	25
2649	Atg5 but not Atg7 in dendritic cells enhances IL-2 and IFN- $\hat{\beta}$ production by Toxoplasma gondii-reactive CD4+ T cells. <i>Microbes and Infection</i> , 2015, 17, 275-284.	1.0	31
2650	Leucine-Rich Repeat Kinase 1 Regulates Autophagy through Turning On TBC1D2-Dependent Rab7 Inactivation. <i>Molecular and Cellular Biology</i> , 2015, 35, 3044-3058.	1.1	49
2651	Synergistic anticancer effects of combined $\hat{\beta}$ -tocotrienol and oridonin treatment is associated with the induction of autophagy. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 123-137.	1.4	36
2652	Autophagy dysregulation and the fate of retinal ganglion cells in glaucomatous optic neuropathy. <i>Progress in Brain Research</i> , 2015, 220, 87-105.	0.9	31
2653	Bcl-2-like protein 13 is a mammalian Atg32 homologue that mediates mitophagy and mitochondrial fragmentation. <i>Nature Communications</i> , 2015, 6, 7527.	5.8	381
2654	Intramembrane protease PARL defines a negative regulator of PINK1- and PARK2/Parkin-dependent mitophagy. <i>Autophagy</i> , 2015, 11, 1484-1498.	4.3	81
2655	Knockdown of autophagy-related gene LC3 enhances the sensitivity of HepG2 cells to epirubicin. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 1271-1276.	0.8	18
2656	CD147 modulates autophagy through the PI3K/Akt/mTOR pathway in human prostate cancer PC-3 cells. <i>Oncology Letters</i> , 2015, 9, 1439-1443.	0.8	29
2657	The Presence of LC3 and LAMP1 Is Greater in Normal Sino-Atrial Nodal Cells Than in Ordinary Cardiomyocytes, Indicating a Constitutive Event. , 2015, , 219-226.		0
2658	A novel quantitative assay of mitophagy: Combining high content fluorescence microscopy and mitochondrial DNA load to quantify mitophagy and identify novel pharmacological tools against pathogenic heteroplasmic mtDNA. <i>Pharmacological Research</i> , 2015, 100, 24-35.	3.1	47
2659	An early axonopathy in a hLRRK2(R1441G) transgenic model of Parkinson disease. <i>Neurobiology of Disease</i> , 2015, 82, 359-371.	2.1	40
2660	Daucosterol inhibits cancer cell proliferation by inducing autophagy through reactive oxygen species-dependent manner. <i>Life Sciences</i> , 2015, 137, 37-43.	2.0	46
2661	A conserved mechanism of TOR-dependent RCK-mediated mRNA degradation regulates autophagy. <i>Nature Cell Biology</i> , 2015, 17, 930-942.	4.6	91
2662	Regulators of Autophagosome Formation in Drosophila Muscles. <i>PLoS Genetics</i> , 2015, 11, e1005006.	1.5	46
2663	Phosphatidylethanolamine positively regulates autophagy and longevity. <i>Cell Death and Differentiation</i> , 2015, 22, 499-508.	5.0	184

#	ARTICLE	IF	CITATIONS
2664	XIAP and cIAP1 amplifications induce Beclin 1-dependent autophagy through NF κ B activation. <i>Human Molecular Genetics</i> , 2015, 24, 2899-2913.	1.4	47
2665	Extrusion of mitochondrial contents from lipopolysaccharide-stimulated cells: Involvement of autophagy. <i>Autophagy</i> , 2015, 11, 1520-1536.	4.3	61
2666	Nicotine-induced cellular stresses and autophagy in human cancer colon cells: A supportive effect on cell homeostasis via up-regulation of Cox-2 and PGE2 production. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 65, 239-256.	1.2	39
2667	Iron alters cell survival in a mitochondria-dependent pathway in ovarian cancer cells. <i>Biochemical Journal</i> , 2015, 466, 401-413.	1.7	34
2668	Involvement of autophagy inhibition in <i>Brucea javanica</i> oil emulsion-induced colon cancer cell death. <i>Oncology Letters</i> , 2015, 9, 1425-1431.	0.8	30
2669	β -Cyclodextrin-threaded Biocleavable Polyrotaxanes Ameliorate Impaired Autophagic Flux in Niemann-Pick Type C Disease. <i>Journal of Biological Chemistry</i> , 2015, 290, 9442-9454.	1.6	47
2670	Autophagy in axonal degeneration in glaucomatous optic neuropathy. <i>Progress in Retinal and Eye Research</i> , 2015, 47, 1-18.	7.3	63
2671	Autophagy activation attenuates renal ischemia-reperfusion injury in rats. <i>Experimental Biology and Medicine</i> , 2015, 240, 1590-1598.	1.1	51
2672	A novel autoregulatory loop between the Gcn2-Atf4 pathway and L-Proline metabolism controls stem cell identity. <i>Cell Death and Differentiation</i> , 2015, 22, 1094-1105.	5.0	51
2673	β -Tocotrienol-induced endoplasmic reticulum stress and autophagy act concurrently to promote breast cancer cell death. <i>Biochemistry and Cell Biology</i> , 2015, 93, 306-320.	0.9	38
2674	Trehalose decreases mutant SOD1 expression and alleviates motor deficiency in early but not end-stage amyotrophic lateral sclerosis in a SOD1-G93A mouse model. <i>Neuroscience</i> , 2015, 298, 12-25.	1.1	76
2675	Superoxide dismutase of <i>Streptococcus suis</i> serotype 2 plays a role in anti-autophagic response by scavenging reactive oxygen species in infected macrophages. <i>Veterinary Microbiology</i> , 2015, 176, 328-336.	0.8	28
2676	Activation of autophagy in response to nanosecond pulsed electric field exposure. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 411-417.	1.0	28
2677	Canonical autophagy does not contribute to cellular radioresistance. <i>Radiotherapy and Oncology</i> , 2015, 114, 406-412.	0.3	21
2678	The cooperation between the autophagy machinery and the inflammasome to implement an appropriate innate immune response: do they regulate each other?. <i>Immunological Reviews</i> , 2015, 265, 194-204.	2.8	54
2679	Ambient temperature reduction extends lifespan via activating cellular degradation activity in an annual fish (<i>Nothobranchius rachovii</i>). <i>Age</i> , 2015, 37, 33.	3.0	15
2680	Autophagic activity as an indicator for selecting good quality embryos. <i>Reproductive Medicine and Biology</i> , 2015, 14, 57-64.	1.0	9
2681	Curcumin derivative HBC induces autophagy through activating AMPK signal in A549 cancer cells. <i>Molecular and Cellular Toxicology</i> , 2015, 11, 29-34.	0.8	6

#	ARTICLE	IF	CITATIONS
2682	The role of hypoxia-inducible factor-1 α in radiation-induced autophagic cell death in breast cancer cells. <i>Tumor Biology</i> , 2015, 36, 7077-7083.	0.8	23
2683	Citrus unshiu leaf extract containing phytol as a major compound induces autophagic cell death in human gastric adenocarcinoma AGS cells. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 257-265.	0.9	7
2684	Analysis of β -N-methylamino-L-alanine (L-BMAA) neurotoxicity in rat cerebellum. <i>NeuroToxicology</i> , 2015, 48, 192-205.	1.4	21
2685	Inhibition of Hedgehog signaling pathway impedes cancer cell proliferation by promotion of autophagy. <i>European Journal of Cell Biology</i> , 2015, 94, 223-233.	1.6	17
2686	Germ cell-specific Atg7 knockout results in primary ovarian insufficiency in female mice. <i>Cell Death and Disease</i> , 2015, 6, e1589-e1589.	2.7	107
2687	Endoplasmic reticulum chaperone GRP78 is involved in autophagy activation induced by ischemic preconditioning in neural cells. <i>Molecular Brain</i> , 2015, 8, 20.	1.3	46
2688	The role of autophagy induced by tumor microenvironment in different cells and stages of cancer. <i>Cell and Bioscience</i> , 2015, 5, 14.	2.1	116
2689	Critical Role for IL-18 in Spontaneous Lung Inflammation Caused by Autophagy Deficiency. <i>Journal of Immunology</i> , 2015, 194, 5407-5416.	0.4	67
2690	Control of Autophagosome Axonal Retrograde Flux by Presynaptic Activity Unveiled Using Botulinum Neurotoxin Type A. <i>Journal of Neuroscience</i> , 2015, 35, 6179-6194.	1.7	122
2691	The Autoimmunity-Associated Gene CLEC16A Modulates Thymic Epithelial Cell Autophagy and Alters T Cell Selection. <i>Immunity</i> , 2015, 42, 942-952.	6.6	91
2692	Compromised autophagy and neurodegenerative diseases. <i>Nature Reviews Neuroscience</i> , 2015, 16, 345-357.	4.9	676
2693	Sann-Joong-Kuey-Jian-Tang induces autophagy in HepG2 cells via regulation of the phosphoinositide-3 kinase/Akt/mammalian target of rapamycin and p38 mitogen-activated protein kinase pathways. <i>Molecular Medicine Reports</i> , 2015, 12, 1677-1684.	1.1	7
2694	Role of farnesoid X receptor and bile acids in alcoholic liver disease. <i>Acta Pharmaceutica Sinica B</i> , 2015, 5, 158-167.	5.7	72
2695	Regulation of Autophagy in Health and Disease. <i>Current Topics in Neurotoxicity</i> , 2015, , 1-24.	0.4	1
2696	Autophagy and Necroptosis in Cancer. , 2015, , 243-273.		0
2697	Tumor necrosis factor alpha stimulates p62 accumulation and enhances proteasome activity independently of ROS. <i>Cell Biology and Toxicology</i> , 2015, 31, 83-94.	2.4	19
2698	Autophagy and mTORC1 regulate the stochastic phase of somatic cell reprogramming. <i>Nature Cell Biology</i> , 2015, 17, 715-725.	4.6	81
2699	The anti-hypertensive drug reserpine induces neuronal cell death through inhibition of autophagic flux. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 402-408.	1.0	21

#	ARTICLE	IF	CITATIONS
2700	Spinal Autophagy is Differently Modulated in Distinct Mouse Models of Neuropathic Pain. <i>Molecular Pain</i> , 2015, 11, 1744-8069-11-3.	1.0	54
2701	Kaposi's Sarcoma-Associated Herpesvirus Induces Nrf2 Activation in Latently Infected Endothelial Cells through SQSTM1 Phosphorylation and Interaction with Polyubiquitinated Keap1. <i>Journal of Virology</i> , 2015, 89, 2268-2286.	1.5	34
2702	Defects in calcium homeostasis and mitochondria can be reversed in Pompe disease. <i>Autophagy</i> , 2015, 11, 385-402.	4.3	93
2703	Mutations in the Microtubule-Associated Protein 1A (<i>Map1a</i>) Gene Cause Purkinje Cell Degeneration. <i>Journal of Neuroscience</i> , 2015, 35, 4587-4598.	1.7	36
2704	Deletion of the Collagen-specific Molecular Chaperone Hsp47 Causes Endoplasmic Reticulum Stress-mediated Apoptosis of Hepatic Stellate Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 3639-3646.	1.6	71
2705	Sphingolipids as cell fate regulators in lung development and disease. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 740-757.	2.2	43
2706	Sulforaphane protects human umbilical vein cells against lipotoxicity by stimulating autophagy via an AMPK-mediated pathway. <i>Journal of Functional Foods</i> , 2015, 15, 23-34.	1.6	11
2707	Berberine alleviates ox-LDL induced inflammatory factors by up-regulation of autophagy via AMPK/mTOR signaling pathway. <i>Journal of Translational Medicine</i> , 2015, 13, 92.	1.8	151
2708	ZNF32 inhibits autophagy through the mTOR pathway and protects MCF-7 cells from stimulus-induced cell death. <i>Scientific Reports</i> , 2015, 5, 9288.	1.6	21
2709	The role of Beclin 1 in SDT-induced apoptosis and autophagy in human leukemia cells. <i>International Journal of Radiation Biology</i> , 2015, 91, 472-479.	1.0	6
2710	DRAM-3 modulates autophagy and promotes cell survival in the absence of glucose. <i>Cell Death and Differentiation</i> , 2015, 22, 1714-1726.	5.0	28
2711	Repertoires of Autophagy in the Pathogenesis of Ocular Diseases. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 1663-1676.	1.1	11,181
2712	Autophagy inhibitors reduce avian-reovirus-mediated apoptosis in cultured cells and in chicken embryos. <i>Archives of Virology</i> , 2015, 160, 1679-1685.	0.9	13
2713	Autophagy Regulates Colistin-Induced Apoptosis in PC-12 Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2189-2197.	1.4	28
2714	Mitophagy is primarily due to alternative autophagy and requires the MAPK1 and MAPK14 signaling pathways. <i>Autophagy</i> , 2015, 11, 332-343.	4.3	168
2715	Glutathione Depletion Induces Spermatogonial Cell Autophagy. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2283-2292.	1.2	38
2716	Autophagic bulk sequestration of cytosolic cargo is independent of LC3, but requires GABARAPs. <i>Experimental Cell Research</i> , 2015, 333, 21-38.	1.2	61
2717	HIV-1 viral infectivity factor interacts with microtubule-associated protein light chain 3 and inhibits autophagy. <i>Aids</i> , 2015, 29, 275-286.	1.0	50

#	ARTICLE	IF	CITATIONS
2718	The Viral Restriction Factor Tetherin Prevents Leucine-rich Pentatricopeptide Repeat-containing Protein (LRPPRC) from Association with Beclin 1 and B-cell CLL/lymphoma 2 (Bcl-2) and Enhances Autophagy and Mitophagy. <i>Journal of Biological Chemistry</i> , 2015, 290, 7269-7279.	1.6	22
2719	Flow cytometric assays for the study of autophagy. <i>Methods</i> , 2015, 82, 21-28.	1.9	38
2720	Anchoring effects of surface chemistry on gold nanorods: modulating autophagy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3324-3330.	2.9	24
2721	Adenoviral-mediated expression of G2019S LRRK2 induces striatal pathology in a kinase-dependent manner in a rat model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2015, 77, 49-61.	2.1	44
2722	APF lncRNA regulates autophagy and myocardial infarction by targeting miR-188-3p. <i>Nature Communications</i> , 2015, 6, 6779.	5.8	405
2723	Mechanisms of tolvaptan-induced toxicity in HepG2 cells. <i>Biochemical Pharmacology</i> , 2015, 95, 324-336.	2.0	29
2724	Photodynamic therapy using talaporfin sodium induces concentration-dependent programmed necroptosis in human glioblastoma T98G cells. <i>Lasers in Medical Science</i> , 2015, 30, 1739-1745.	1.0	54
2725	The roles of oxidative stress, endoplasmic reticulum stress, and autophagy in aldosterone/mineralocorticoid receptor-induced podocyte injury. <i>Laboratory Investigation</i> , 2015, 95, 1374-1386.	1.7	60
2726	Autophagy signal transduction by ATG proteins: from hierarchies to networks. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4721-4757.	2.4	187
2727	Rethinking the paradigm: How comparative studies on fatty acid oxidation inform our understanding of T cell metabolism. <i>Molecular Immunology</i> , 2015, 68, 564-574.	1.0	16
2728	ATG4B (Autophagin-1) Phosphorylation Modulates Autophagy. <i>Journal of Biological Chemistry</i> , 2015, 290, 26549-26561.	1.6	82
2729	Heart-specific Knockout of the Mitochondrial Thioredoxin Reductase (<i>Txnrd2</i>) Induces Metabolic and Contractile Dysfunction in the Aging Myocardium. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	54
2730	Aneuploidy-induced cellular stresses limit autophagic degradation. <i>Genes and Development</i> , 2015, 29, 2010-2021.	2.7	136
2731	Endurance exercise training induces fat depot-specific differences in basal autophagic activity. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 512-517.	1.0	16
2732	Rabin8 suppresses autophagosome formation independently of its guanine nucleotide-exchange activity towards Rab8. <i>Journal of Biochemistry</i> , 2015, 158, 139-153.	0.9	12
2733	Truncating mutation in the autophagy gene UVRAG confers oncogenic properties and chemosensitivity in colorectal cancers. <i>Nature Communications</i> , 2015, 6, 7839.	5.8	67
2734	Autophagy mediates degradation of nuclear lamina. <i>Nature</i> , 2015, 527, 105-109.	13.7	510
2735	Pharmaceutical screen identifies novel target processes for activation of autophagy with a broad translational potential. <i>Nature Communications</i> , 2015, 6, 8620.	5.8	130

#	ARTICLE	IF	CITATIONS
2736	Experimental approaches for elucidating co-agonist regulation of NMDA receptor in motor neurons: Therapeutic implications for amyotrophic lateral sclerosis (ALS). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 116, 2-6.	1.4	13
2737	Antitumor Activity of Garcinol in Human Prostate Cancer Cells and Xenograft Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9047-9052.	2.4	42
2738	Internalized Tau Oligomers Cause Neurodegeneration by Inducing Accumulation of Pathogenic Tau in Human Neurons Derived from Induced Pluripotent Stem Cells. <i>Journal of Neuroscience</i> , 2015, 35, 14234-14250.	1.7	186
2739	Atg5-independent autophagy regulates mitochondrial clearance and is essential for iPSC reprogramming. <i>Nature Cell Biology</i> , 2015, 17, 1379-1387.	4.6	153
2740	The Thermotolerant Yeast <i>Kluyveromyces marxianus</i> Is a Useful Organism for Structural and Biochemical Studies of Autophagy. <i>Journal of Biological Chemistry</i> , 2015, 290, 29506-29518.	1.6	16
2741	Autophagy and its function in radiosensitivity. <i>Tumor Biology</i> , 2015, 36, 4079-4087.	0.8	37
2742	Syk Is Recruited to Stress Granules and Promotes Their Clearance through Autophagy. <i>Journal of Biological Chemistry</i> , 2015, 290, 27803-27815.	1.6	52
2743	<sc>ER</sc> stress-induced autophagy in melanoma. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 811-816.	0.9	21
2744	Quantitative analysis of autophagic flux by confocal pH-imaging of autophagic intermediates. <i>Autophagy</i> , 2015, 11, 1905-1916.	4.3	68
2745	Regulation of autophagic flux by CHIP. <i>Neuroscience Bulletin</i> , 2015, 31, 469-479.	1.5	27
2746	Small-molecule enhancers of autophagy modulate cellular disease phenotypes suggested by human genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4281-7.	3.3	56
2747	<sc>YM155</sc> down-regulates survivin and <sc>XIAP</sc>, modulates autophagy and induces autophagy-dependent <sc>DNA</sc> damage in breast cancer cells. <i>British Journal of Pharmacology</i> , 2015, 172, 214-234.	2.7	79
2748	Manipulation of Autophagy in Phagocytes Facilitates <i>Staphylococcus aureus</i> Bloodstream Infection. <i>Infection and Immunity</i> , 2015, 83, 3445-3457.	1.0	81
2749	Enhanced Autophagy of Adipose-Derived Stem Cells Grown on Chitosan Substrates. <i>BioResearch Open Access</i> , 2015, 4, 89-96.	2.6	14
2750	Apoptotic and autophagic cell death induced by glucolaxogenin in cervical cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1623-1635.	2.2	7
2751	Roles of oxidative stress and the ERK1/2, PTEN and p70S6K signaling pathways in arsenite-induced autophagy. <i>Toxicology Letters</i> , 2015, 239, 172-181.	0.4	29
2752	Voltage-gated calcium channel blockers deregulate macroautophagy in cardiomyocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 68, 166-175.	1.2	20
2753	Autophagy and proteins involved in vesicular trafficking. <i>FEBS Letters</i> , 2015, 589, 3343-3353.	1.3	82

#	ARTICLE	IF	CITATIONS
2754	Immunogénicité de la chimiothérapie. <i>Oncologie</i> , 2015, 17, 345-353.	0.2	0
2755	Lack of Connection Between Midgut Cell Autophagy Gene Expression and BmCPV Infection in the Midgut of <i>Bombyx mori</i> . <i>Journal of Insect Science</i> , 2015, 15, 96.	0.6	4
2756	Herpes simplex virus type 2 infection induces AD-like neurodegeneration markers in human neuroblastoma cells. <i>Neurobiology of Aging</i> , 2015, 36, 2737-2747.	1.5	45
2757	Î±-Solanine induces ROS-mediated autophagy through activation of endoplasmic reticulum stress and inhibition of Akt/mTOR pathway. <i>Cell Death and Disease</i> , 2015, 6, e1860-e1860.	2.7	93
2758	Transcriptional regulation of Annexin A2 promotes starvation-induced autophagy. <i>Nature Communications</i> , 2015, 6, 8045.	5.8	64
2759	miR-184 and miR-150 promote renal glomerular mesangial cell aging by targeting Rab1a and Rab31. <i>Experimental Cell Research</i> , 2015, 336, 192-203.	1.2	43
2760	Discovery and structure of a new inhibitor scaffold of the autophagy initiating kinase ULK1. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5483-5488.	1.4	58
2761	LC3 overexpression reduces A β neurotoxicity through increasing 7nAChR expression and autophagic activity in neurons and mice. <i>Neuropharmacology</i> , 2015, 93, 243-251.	2.0	36
2762	Role of autophagy in the pathogenesis of amyotrophic lateral sclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2517-2524.	1.8	70
2763	Role of autophagy in cisplatin-induced ototoxicity. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 1814-1819.	0.4	39
2764	Apigenin induces autophagic cell death in human papillary thyroid carcinoma BCPAP cells. <i>Food and Function</i> , 2015, 6, 3464-3472.	2.1	80
2765	TMBIM6 (transmembrane BAX inhibitor motif containing 6) enhances autophagy and reduces renal dysfunction in a cyclosporine A-induced nephrotoxicity model. <i>Autophagy</i> , 2015, 11, 1760-1774.	4.3	28
2766	MicroRNA-143 enhances chemosensitivity of Quercetin through autophagy inhibition via target GABARAPL1 in gastric cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2015, 74, 169-177.	2.5	71
2767	Endothelin-1 critically influences cardiac function via superoxide-MMP9 cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5141-5146.	3.3	42
2768	Suppressed autophagy flux in skeletal muscle of an amyotrophic lateral sclerosis mouse model during disease progression. <i>Physiological Reports</i> , 2015, 3, e12271.	0.7	40
2769	Nuclear localization of the p17 protein of avian reovirus is correlated with autophagy induction and an increase in viral replication. <i>Archives of Virology</i> , 2015, 160, 3001-3010.	0.9	12
2770	Potassium Bisperoxo(1,10-phenanthroline)oxovanadate (bpV(phen)) Induces Apoptosis and Pyroptosis and Disrupts the P62-HDAC6 Protein Interaction to Suppress the Acetylated Microtubule-dependent Degradation of Autophagosomes. <i>Journal of Biological Chemistry</i> , 2015, 290, 26051-26058.	1.6	26
2771	TRIM-mediated precision autophagy targets cytoplasmic regulators of innate immunity. <i>Journal of Cell Biology</i> , 2015, 210, 973-989.	2.3	248

#	ARTICLE	IF	CITATIONS
2772	Biogenesis of the lysosome-derived vacuole containing <i>Coxiella burnetii</i> . <i>Microbes and Infection</i> , 2015, 17, 766-771.	1.0	46
2773	Active autophagy but not lipophagy in macrophages with defective lipolysis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1304-1316.	1.2	22
2774	Applications of phototransformable fluorescent proteins for tracking the dynamics of cellular components. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1787-1806.	1.6	27
2775	Mechanisms underlying 3-bromopyruvate-induced cell death in colon cancer. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 319-329.	1.0	51
2776	AMPK-mediated crosstalk of heteroglycan-induced reactive species and autophagic cascade in RAW 264.7 cells. <i>RSC Advances</i> , 2015, 5, 38964-38970.	1.7	2
2777	RAB24 facilitates clearance of autophagic compartments during basal conditions. <i>Autophagy</i> , 2015, 11, 1833-1848.	4.3	40
2778	Studying Different Binding and Intracellular Delivery Efficiency of ssDNA Single-Walled Carbon Nanotubes and Their Effects on LC3-Related Autophagy in Renal Mesangial Cells via miRNA-382. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25733-25740.	4.0	19
2779	HSPB8 and the Cochaperone BAG3 Are Highly Expressed During the Synthetic Phase of Rat Myometrium Programming During Pregnancy ¹ . <i>Biology of Reproduction</i> , 2015, 92, 131.	1.2	10
2780	Differential ERK activation during autophagy induced by europium hydroxide nanorods and trehalose: Maximum clearance of huntingtin aggregates through combined treatment. <i>Biomaterials</i> , 2015, 73, 160-174.	5.7	31
2781	Autophagy and autophagy-related proteins in the immune system. <i>Nature Immunology</i> , 2015, 16, 1014-1024.	7.0	465
2782	μ -(carboxymethyl) lysine-induced mitochondrial fission and mitophagy cause decreased insulin secretion from β -cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E829-E839.	1.8	39
2783	The Molecular Mechanism Underlying Recruitment and Insertion of Lipid-Anchored LC3 Protein into Membranes. <i>Biophysical Journal</i> , 2015, 109, 2067-2078.	0.2	35
2784	Sch9 regulates intracellular protein ubiquitination by controlling stress responses. <i>Redox Biology</i> , 2015, 5, 290-300.	3.9	12
2785	Inhibition of autophagy in EBV-positive Burkitt's lymphoma cells enhances EBV lytic genes expression and replication. <i>Cell Death and Disease</i> , 2015, 6, e1876-e1876.	2.7	43
2786	FGF signalling regulates bone growth through autophagy. <i>Nature</i> , 2015, 528, 272-275.	13.7	170
2787	Melatonin protects the brain from apoptosis by enhancement of autophagy after traumatic brain injury in mice. <i>Neurochemistry International</i> , 2015, 91, 46-54.	1.9	90
2788	HPGCD Outperforms HPBCD as a Potential Treatment for Niemann-Pick Disease Type C During Disease Modeling with iPS Cells. <i>Stem Cells</i> , 2015, 33, 1075-1088.	1.4	88
2789	SUMO1 promotes $\text{A}\beta$ production via the modulation of autophagy. <i>Autophagy</i> , 2015, 11, 100-112.	4.3	69

#	ARTICLE	IF	CITATIONS
2790	Methods for analysis of autophagy in plants. <i>Methods</i> , 2015, 75, 181-188.	1.9	57
2791	AMBRA1 is able to induce mitophagy via LC3 binding, regardless of PARKIN and p62/SQSTM1. <i>Cell Death and Differentiation</i> , 2015, 22, 419-432.	5.0	294
2792	Posttranslational modification of autophagy-related proteins in macroautophagy. <i>Autophagy</i> , 2015, 11, 28-45.	4.3	264
2793	Immunotherapy Targeting Folate Receptor Induces Cell Death Associated with Autophagy in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 448-459.	3.2	48
2794	Using enhanced-mitophagy to measure autophagic flux. <i>Methods</i> , 2015, 75, 105-111.	1.9	17
2795	Src mediates extracellular signal-regulated kinase 1/2 activation and autophagic cell death induced by cardiac glycosides in human non-small cell lung cancer cell lines. <i>Molecular Carcinogenesis</i> , 2015, 54, E26-34.	1.3	42
2796	Beneficial Effects of AMP-Activated Protein Kinase Agonists in Kidney Ischemia-Reperfusion: Autophagy and Cellular Stress Markers. <i>Nephron Experimental Nephrology</i> , 2015, 128, 98-110.	2.4	45
2797	The combination of irreversible EGFR TKI's and SAHA induces apoptosis and autophagy-mediated cell death to overcome acquired resistance in EGFR-T790M mutated lung cancer. <i>International Journal of Cancer</i> , 2015, 136, 2717-2729.	2.3	55
2798	A novel antitumour strategy using bidirectional autophagic vesicles accumulation via initiative induction and the terminal restraint of autophagic flux. <i>Journal of Controlled Release</i> , 2015, 199, 17-28.	4.8	28
2799	LC3- and p62-based biochemical methods for the analysis of autophagy progression in mammalian cells. <i>Methods</i> , 2015, 75, 13-18.	1.9	378
2800	Clioquinol induces pro-death autophagy in leukemia and myeloma cells by disrupting the mTOR signaling pathway. <i>Scientific Reports</i> , 2014, 4, 5749.	1.6	62
2801	TNF- α regulates miRNA targeting mitochondrial complex-I and induces cell death in dopaminergic cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 451-461.	1.8	92
2802	Effect of p53 on mitochondrial morphology, import, and assembly in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C319-C329.	2.1	31
2803	Peroxin Pex14p is the key component for coordinated autophagic degradation of mammalian peroxisomes by direct binding to LC3 β . <i>Genes To Cells</i> , 2015, 20, 36-49.	0.5	41
2804	Autophagy is upregulated in brain tissues of pigeons exposed to avermectin. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 159-168.	2.9	14
2805	Targeting pyruvate kinase M2 contributes to radiosensitivity of non-small cell lung cancer cells in vitro and in vivo. <i>Cancer Letters</i> , 2015, 356, 985-993.	3.2	57
2806	Glutamate excitotoxicity in neurons triggers mitochondrial and endoplasmic reticulum accumulation of Parkin, and, in the presence of N-acetyl cysteine, mitophagy. <i>Neurobiology of Disease</i> , 2015, 74, 180-193.	2.1	94
2807	How and why to study autophagy in <i>Drosophila</i> : It's more than just a garbage chute. <i>Methods</i> , 2015, 75, 151-161.	1.9	106

#	ARTICLE	IF	CITATIONS
2808	Protective roles of aldo-keto reductase 1B10 and autophagy against toxicity induced by p-quinone metabolites of tert-butylhydroquinone in lung cancer A549 cells. <i>Chemico-Biological Interactions</i> , 2015, 234, 282-289.	1.7	6
2809	Assays for the biochemical and ultrastructural measurement of selective and nonselective types of autophagy in the yeast <i>Saccharomyces cerevisiae</i> . <i>Methods</i> , 2015, 75, 141-150.	1.9	38
2810	Psammaplin A induces Sirtuin 1-dependent autophagic cell death in doxorubicin-resistant MCF-7/adr human breast cancer cells and xenografts. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 401-410.	1.1	33
2811	H2 and H3 relaxin inhibit high glucose-induced apoptosis in neonatal rat ventricular myocytes. <i>Biochimie</i> , 2015, 108, 59-67.	1.3	24
2812	Threonine 56 phosphorylation of Bcl-2 is required for LRRK2 G2019S-induced mitochondrial depolarization and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 12-21.	1.8	53
2813	Neuroprotective effect of modified Chungsimyeolda-tang, a traditional Korean herbal formula, via autophagy induction in models of Parkinson's disease. <i>Journal of Ethnopharmacology</i> , 2015, 159, 93-101.	2.0	19
2814	Inhibition of AMPK accentuates prolonged caloric restriction-induced change in cardiac contractile function through disruption of compensatory autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 332-342.	1.8	27
2815	Mechanisms of resistance to apoptosis in the human acute promyelocytic leukemia cell line NB4. <i>Annals of Hematology</i> , 2015, 94, 379-392.	0.8	7
2816	Autophagy in neuronal cells: general principles and physiological and pathological functions. <i>Acta Neuropathologica</i> , 2015, 129, 337-362.	3.9	78
2817	MicroRNA-221 inhibits autophagy and promotes heart failure by modulating the p27/CDK2/mTOR axis. <i>Cell Death and Differentiation</i> , 2015, 22, 986-999.	5.0	129
2818	The generation of neutrophils in the bone marrow is controlled by autophagy. <i>Cell Death and Differentiation</i> , 2015, 22, 445-456.	5.0	94
2819	Amino acids and autophagy: cross-talk and co-operation to control cellular homeostasis. <i>Amino Acids</i> , 2015, 47, 2065-2088.	1.2	80
2820	Disruption of Renal Tubular Mitochondrial Quality Control by Myo-Inositol Oxygenase in Diabetic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1304-1321.	3.0	228
2821	BAG3 facilitates the clearance of endogenous tau in primary neurons. <i>Neurobiology of Aging</i> , 2015, 36, 241-248.	1.5	79
2822	Chloroquine enhances the efficacy of cisplatin by suppressing autophagy in human adrenocortical carcinoma treatment. <i>Drug Design, Development and Therapy</i> , 2016, 10, 1035.	2.0	25
2823	Defects in MAP1S-mediated autophagy turnover of fibronectin cause renal fibrosis. <i>Aging</i> , 2016, 8, 977-985.	1.4	24
2824	Prolyl hydroxylase 2 (PHD2) inhibition protects human renal epithelial cells and mice kidney from hypoxia injury. <i>Oncotarget</i> , 2016, 7, 54317-54328.	0.8	20
2825	Silver nanoparticles outperform gold nanoparticles in radiosensitizing U251 cells in vitro and in an intracranial mouse model of glioma. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5003-5014.	3.3	99

#	ARTICLE	IF	CITATIONS
2826	mTOR. , 2016, , 57-68.		3
2827	The Bif-1-Dynamain 2 membrane fission machinery regulates Atg9-containing vesicle generation at the Rab11-positive reservoirs. <i>Oncotarget</i> , 2016, 7, 20855-20868.	0.8	42
2828	Autophagy: one more Nobel Prize for yeast. <i>Microbial Cell</i> , 2016, 3, 579-581.	1.4	20
2829	N-Acetylcysteine in Combination with IGF-1 Enhances Neuroprotection against Proteasome Dysfunction-Induced Neurotoxicity in SH-SY5Y Cells. <i>Parkinson's Disease</i> , 2016, 2016, 1-12.	0.6	4
2830	The Protective Roles of ROS-Mediated Mitophagy on¹²⁵I Seeds Radiation Induced Cell Death in HCT116 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-18.	1.9	42
2831	Study on the Mechanism of mTOR-Mediated Autophagy during Electroacupuncture Pretreatment against Cerebral Ischemic Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-8.	0.5	13
2832	Autophagy linked FYVE (Alfy/WDFY3) is required for establishing neuronal connectivity in the mammalian brain. <i>ELife</i> , 2016, 5, .	2.8	78
2833	Yoshinori Ohsumi'S Nobel Prize for Mechanisms of Autophagy: From Basic Yeast Biology to Therapeutic Potential. <i>Journal of the Royal College of Physicians of Edinburgh, The</i> , 2016, 46, 228-233.	0.2	11
2834	Development of an Oncolytic Adenovirus with Enhanced Spread Ability through Repeated UV Irradiation and Cancer Selection. <i>Viruses</i> , 2016, 8, 167.	1.5	7
2835	Interactions between <i>Shigella flexneri</i> and the Autophagy Machinery. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 17.	1.8	17
2836	Barth Syndrome: From Mitochondrial Dysfunctions Associated with Aberrant Production of Reactive Oxygen Species to Pluripotent Stem Cell Studies. <i>Frontiers in Genetics</i> , 2015, 6, 359.	1.1	73
2837	Coupling of HIV-1 Antigen to the Selective Autophagy Receptor SQSTM1/p62 Promotes T-Cell-Mediated Immunity. <i>Frontiers in Immunology</i> , 2016, 7, 167.	2.2	16
2838	The Mucosal Immune System and Its Regulation by Autophagy. <i>Frontiers in Immunology</i> , 2016, 7, 240.	2.2	75
2839	Unveiling the Role of the Integrated Endoplasmic Reticulum Stress Response in <i>Leishmania</i> Infection â€œ Future Perspectives. <i>Frontiers in Immunology</i> , 2016, 7, 283.	2.2	6
2840	Downregulation of Enhancer of Zeste Homolog 2 (EZH2) is essential for the Induction of Autophagy and Apoptosis in Colorectal Cancer Cells. <i>Genes</i> , 2016, 7, 83.	1.0	50
2841	Autophagic Cell Death and Apoptosis Jointly Mediate Cisatracurium Besylate-Induced Cell Injury. <i>International Journal of Molecular Sciences</i> , 2016, 17, 515.	1.8	4
2842	Axonal Transport and Neurodegeneration: How Marine Drugs Can Be Used for the Development of Therapeutics. <i>Marine Drugs</i> , 2016, 14, 102.	2.2	12
2843	Varicella-Zoster Virus Infectious Cycle: ER Stress, Autophagic Flux, and Amphisome-Mediated Trafficking. <i>Pathogens</i> , 2016, 5, 67.	1.2	19

#	ARTICLE	IF	CITATIONS
2844	Ginsenoside Rg1 protects starving H9c2 cells by dissociation of Bcl-2-Beclin1 complex. BMC Complementary and Alternative Medicine, 2016, 16, 146.	3.7	16
2845	Evidence of Placental Autophagy during Early Pregnancy after Transfer of In Vitro Produced (IVP) Sheep Embryos. PLoS ONE, 2016, 11, e0157594.	1.1	10
2846	The GATOR2 Component Wdr24 Regulates TORC1 Activity and Lysosome Function. PLoS Genetics, 2016, 12, e1006036.	1.5	41
2847	Polyphyllin VII Induces an Autophagic Cell Death by Activation of the JNK Pathway and Inhibition of PI3K/AKT/mTOR Pathway in HepG2 Cells. PLoS ONE, 2016, 11, e0147405.	1.1	57
2848	Atg7 Knockdown Augments Concanavalin A-Induced Acute Hepatitis through an ROS-Mediated p38/MAPK Pathway. PLoS ONE, 2016, 11, e0149754.	1.1	37
2849	Geranylated 4-Phenylcoumarins Exhibit Anticancer Effects against Human Prostate Cancer Cells through Caspase-Independent Mechanism. PLoS ONE, 2016, 11, e0151472.	1.1	17
2850	Ammonia Induces Autophagy through Dopamine Receptor D3 and MTOR. PLoS ONE, 2016, 11, e0153526.	1.1	24
2851	Lutein Attenuates Both Apoptosis and Autophagy upon Cobalt (II) Chloride-Induced Hypoxia in Rat MÅller Cells. PLoS ONE, 2016, 11, e0167828.	1.1	44
2852	Leishmania major Promastigotes Evade LC3-Associated Phagocytosis through the Action of GP63. PLoS Pathogens, 2016, 12, e1005690.	2.1	56
2853	Amorphous silica nanoparticles trigger vascular endothelial cell injury through apoptosis and autophagy via reactive oxygen species-mediated MAPK/Bcl-2 and PI3K/Akt/mTOR signaling. International Journal of Nanomedicine, 2016, Volume 11, 5257-5276.	3.3	176
2854	Rab GTPases and the Autophagy Pathway: Bacterial Targets for a Suitable Biogenesis and Trafficking of Their Own Vacuoles. Cells, 2016, 5, 11.	1.8	28
2855	Novel Role of ER Stress and Autophagy in Microcystin-LR Induced Apoptosis in Chinese Hamster Ovary Cells. Frontiers in Physiology, 2016, 7, 527.	1.3	24
2856	Cell Cycle Analysis of ER Stress and Autophagy. , 0, , .		1
2857	Molecular Mechanisms Involved in the Acquisition of Resistance to Treatment of Colon Cancer Cells. , 2016, , .		2
2858	Notch1 regulated autophagy controls survival and suppressor activity of activated murine T-regulatory cells. ELife, 2016, 5, .	2.8	44
2859	Niacin alleviates TRAIL-mediated colon cancer cell death via autophagy flux activation. Oncotarget, 2016, 7, 4356-4368.	0.8	32
2860	Sorafenib induces autophagic cell death and apoptosis in hepatic stellate cell through the JNK and Akt signaling pathways. Anti-Cancer Drugs, 2016, 27, 192-203.	0.7	37
2861	Identification of Senescent Cells in the Bone Microenvironment. Journal of Bone and Mineral Research, 2016, 31, 1920-1929.	3.1	352

#	ARTICLE	IF	CITATIONS
2862	Mild ⁺ exposure impairs autophagic degradation through a novel lysosomal acidityâ€independent mechanism. <i>Journal of Neurochemistry</i> , 2016, 139, 294-308.	2.1	28
2863	Depletion of autophagy receptor p62/^{SQSTM} 1 enhances the efficiency of gene delivery in mammalian cells. <i>FEBS Letters</i> , 2016, 590, 2671-2680.	1.3	13
2864	LRRK2 interferes with aggresome formation for autophagic clearance. <i>Molecular and Cellular Neurosciences</i> , 2016, 75, 71-80.	1.0	30
2865	Dissecting the role of ADAM10 as a mediator of <i>Staphylococcus aureus</i> Î±-toxin action. <i>Biochemical Journal</i> , 2016, 473, 1929-1940.	1.7	33
2866	RACK1 Is an Interaction Partner of ATG5 and a Novel Regulator of Autophagy. <i>Journal of Biological Chemistry</i> , 2016, 291, 16753-16765.	1.6	48
2867	The Proteasome Inhibitor Bortezomib Maintains Osteocyte Viability in Multiple Myeloma Patients by Reducing Both Apoptosis and Autophagy: A New Function for Proteasome Inhibitors. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 815-827.	3.1	52
2868	Hyperoxiaâ€mediated LC3B activation contributes to the impaired transdifferentiation of type II alveolar epithelial cells (AECII) to type I cells (AECI). <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 834-843.	0.9	12
2869	Hemin induces mitophagy in a leukemic erythroblast cell line. <i>Biology of the Cell</i> , 2016, 108, 77-95.	0.7	21
2870	Alteration of Upstream Autophagyâ€Related Proteins (^{ULK1}, ^{ULK2},) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 427 <i>Pathology</i> , 2016, 26, 359-370.	2.1	40
2871	Involvement of oxidative stress and impaired lysosomal degradation in amiodaroneâ€induced schwannopathy. <i>European Journal of Neuroscience</i> , 2016, 44, 1723-1733.	1.2	19
2872	Activation of Autophagy by Everolimus Confers Hepatoprotection Against Ischemiaâ€Reperfusion Injury. <i>American Journal of Transplantation</i> , 2016, 16, 2042-2054.	2.6	27
2873	KIF1A/UNC-104 Transports ATG-9 to Regulate Neurodevelopment and Autophagy at Synapses. <i>Developmental Cell</i> , 2016, 38, 171-185.	3.1	165
2874	Sustained activation of mTORC1 in macrophages increases AMPKÎ±-dependent autophagy to maintain cellular homeostasis. <i>BMC Biochemistry</i> , 2016, 17, 14.	4.4	20
2875	Ginsenoside Rg1 inhibits angiotensin IIâ€induced podocyte autophagy via AMPK/mTOR/PI3K pathway. <i>Cell Biology International</i> , 2016, 40, 917-925.	1.4	36
2876	Rapamycin safeguards lymphocytes from DNA damage accumulation in vivo. <i>European Journal of Cell Biology</i> , 2016, 95, 331-341.	1.6	9
2877	Cerebral ischemic post-conditioning induces autophagy inhibition and a HMGB1 secretion attenuation feedback loop to protect against ischemia reperfusion injury in an oxygen glucose deprivation cellular model. <i>Molecular Medicine Reports</i> , 2016, 14, 4162-4172.	1.1	13
2878	Identification of a novel interaction between corticotropin releasing hormone (Crh) and macroautophagy. <i>Scientific Reports</i> , 2016, 6, 23342.	1.6	14
2879	Autophagy Captures the Nobel Prize. <i>Cell</i> , 2016, 167, 1433-1435.	13.5	55

#	ARTICLE	IF	CITATIONS
2880	A <i>Fucus vesiculosus</i> extract inhibits estrogen receptor activation and induces cell death in female cancer cell lines. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 151.	3.7	24
2881	<scp>TBC</scp>1D14 regulates autophagy via the <scp>TRAPP</scp> complex and <scp>ATG</scp>9 traffic. <i>EMBO Journal</i> , 2016, 35, 281-301.	3.5	166
2882	At the Center of Autophagy: Autophagosomes. , 2016, , 243-247.		2
2883	Autophagy Negatively Regulates Transmissible Gastroenteritis Virus Replication. <i>Scientific Reports</i> , 2016, 6, 23864.	1.6	63
2884	Isoalantolactone induces autophagic cell death in SKOV3 human ovarian carcinoma cells via upregulation of PEA-15. <i>Oncology Reports</i> , 2016, 35, 833-840.	1.2	13
2886	The rodent malaria liver stage survives in the rapamycin-induced autophagosome of infected Hepa1â€“6 cells. <i>Scientific Reports</i> , 2016, 6, 38170.	1.6	12
2887	Salidroside induces apoptosis and autophagy in human colorectal cancer cells through inhibition of PI3K/Akt/mTOR pathway. <i>Oncology Reports</i> , 2016, 36, 3559-3567.	1.2	97
2888	CCT complex restricts neuropathogenic protein aggregation via autophagy. <i>Nature Communications</i> , 2016, 7, 13821.	5.8	107
2889	HS1BP3 negatively regulates autophagy by modulation of phosphatidic acid levels. <i>Nature Communications</i> , 2016, 7, 13889.	5.8	54
2890	Mutation in <i>VPS33A</i> affects metabolism of glycosaminoglycans: a new type of mucopolysaccharidosis with severe systemic symptoms. <i>Human Molecular Genetics</i> , 2017, 26, ddw377.	1.4	38
2891	MAVS maintains mitochondrial homeostasis via autophagy. <i>Cell Discovery</i> , 2016, 2, 16024.	3.1	49
2892	Molecular mechanism of hepatic steatosis: pathophysiological role of autophagy. <i>Expert Reviews in Molecular Medicine</i> , 2016, 18, e14.	1.6	11
2893	Metabolic and Growth Rate Alterations in Lymphoblastic Cell Lines Discriminate Between Down Syndrome and Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 737-748.	1.2	16
2894	Ester-Modified Cyclometalated Iridium(III) Complexes as Mitochondria-Targeting Anticancer Agents. <i>Scientific Reports</i> , 2016, 6, 38954.	1.6	42
2895	TMEM166/EVA1A interacts with ATG16L1 and induces autophagosome formation and cell death. <i>Cell Death and Disease</i> , 2016, 7, e2323-e2323.	2.7	47
2896	Inducing mitophagy in diabetic platelets protects against severe oxidative stress. <i>EMBO Molecular Medicine</i> , 2016, 8, 779-795.	3.3	95
2897	A SIRT3/AMPK/autophagy network orchestrates the protective effects of trans-resveratrol in stressed peritoneal macrophages and RAW 264.7 macrophages. <i>Free Radical Biology and Medicine</i> , 2016, 95, 230-242.	1.3	68
2898	Involvement of autophagy upregulation in 3,4-methylenedioxymethamphetamine (â€“ecstasyâ€“)-induced serotonergic neurotoxicity. <i>NeuroToxicology</i> , 2016, 52, 114-126.	1.4	11

#	ARTICLE	IF	CITATIONS
2899	l-carnosine dipeptide overcomes acquired resistance to 5-fluorouracil in HT29 human colon cancer cells via downregulation of HIF1-alpha and induction of apoptosis. <i>Biochimie</i> , 2016, 127, 196-204.	1.3	14
2900	xCT deficiency induces autophagy via endoplasmic reticulum stress activated p38-mitogen-activated protein kinase and mTOR in sut melanocytes. <i>European Journal of Cell Biology</i> , 2016, 95, 175-181.	1.6	14
2901	Changes in 30K protein synthesis during delayed degeneration of the silk gland by a caspase-dependent pathway in a <i>Bombyx</i> (silkworm) mutant. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 689-700.	0.7	7
2902	Cellular degradation activity is maintained during aging in long-living queen bees. <i>Biogerontology</i> , 2016, 17, 829-840.	2.0	8
2903	Role of autophagy in the bimodal stage after spinal cord ischemia reperfusion injury in rats. <i>Neuroscience</i> , 2016, 328, 107-116.	1.1	42
2904	Apoptosis, autophagy and unfolded protein response pathways in Arbovirus replication and pathogenesis. <i>Expert Reviews in Molecular Medicine</i> , 2016, 18, e1.	1.6	48
2905	Relationship between mammalian target of rapamycin and autophagy in lipopolysaccharide-induced lung injury. <i>Journal of Surgical Research</i> , 2016, 201, 356-363.	0.8	8
2906	̢III-Tubulin alters glucose metabolism and stress response signaling to promote cell survival and proliferation in glucose-starved non-small cell lung cancer cells. <i>Carcinogenesis</i> , 2016, 37, 787-798.	1.3	28
2907	The Role of Apoptosis and Autophagy in Bovine Abortions Associated with <i>Brucella</i> Spp. <i>Acta Veterinaria</i> , 2016, 66, 37-50.	0.2	6
2908	Primary-cilium-dependent autophagy controls epithelial cell volume in response to fluid flow. <i>Nature Cell Biology</i> , 2016, 18, 657-667.	4.6	127
2909	FTY720-induced enhancement of autophagy protects cells from FTY720 cytotoxicity in colorectal cancer. <i>Oncology Reports</i> , 2016, 35, 2833-2842.	1.2	14
2910	Mechanisms of neuronal homeostasis: Autophagy in the axon. <i>Brain Research</i> , 2016, 1649, 143-150.	1.1	90
2911	Amino acids, independent of insulin, attenuate skeletal muscle autophagy in neonatal pigs during endotoxemia. <i>Pediatric Research</i> , 2016, 80, 448-451.	1.1	10
2912	Autophagy in plant pathogenic fungi. <i>Seminars in Cell and Developmental Biology</i> , 2016, 57, 128-137.	2.3	62
2913	Biology and Metabolism of Sepsis: Innate Immunity, Bioenergetics, and Autophagy. <i>Surgical Infections</i> , 2016, 17, 286-293.	0.7	45
2914	Chaperone-like protein HYPK and its interacting partners augment autophagy. <i>European Journal of Cell Biology</i> , 2016, 95, 182-194.	1.6	6
2915	Trichosanthin-induced autophagy in gastric cancer cell MKN-45 is dependent on reactive oxygen species (ROS) and NF-̢B/p53 pathway. <i>Journal of Pharmacological Sciences</i> , 2016, 131, 77-83.	1.1	33
2916	Regulation of Autophagy By Signaling Through the Atg1/ULK1 Complex. <i>Journal of Molecular Biology</i> , 2016, 428, 1725-1741.	2.0	139

#	ARTICLE	IF	CITATIONS
2917	Up-regulation of miRNA-221 inhibits hypoxia/reoxygenation-induced autophagy through the DDIT4/mTORC1 and Tp53inp1/p62 pathways. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 168-174.	1.0	64
2918	3,4-seco-28-Nor-oleanane triterpenes from <i>Camellia japonica</i> protect from neurotoxicity in a rotenone model of Parkinson's disease. <i>Tetrahedron</i> , 2016, 72, 3240-3249.	1.0	7
2919	Enhanced autophagy signaling in diabetic rats with ischemia-induced seizures. <i>Brain Research</i> , 2016, 1643, 18-26.	1.1	13
2920	Sirtuin 3 Protects against Urban Particulate Matter-Induced Autophagy in Human Bronchial Epithelial Cells. <i>Toxicological Sciences</i> , 2016, 152, 113-127.	1.4	13
2921	Interference with Akt signaling pathway contributes curcumin-induced adipocyte insulin resistance. <i>Molecular and Cellular Endocrinology</i> , 2016, 429, 1-9.	1.6	12
2922	Sequestration-Mediated Downregulation of <i>de Novo</i> Purine Biosynthesis by AMPK. <i>ACS Chemical Biology</i> , 2016, 11, 1917-1924.	1.6	22
2923	Regulation of actin nucleation and autophagosome formation. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3249-3263.	2.4	35
2924	Cellular localization and effects of ectopically expressed hepatitis A virus proteins 2B, 2C, 3A and their intermediates 2BC, 3AB and 3ABC. <i>Archives of Virology</i> , 2016, 161, 851-865.	0.9	4
2925	History of Autophagy After 1963. , 2016, , 7-15.		0
2926	Autophagosome Formation. , 2016, , 35-50.		1
2927	Significantly enhanced tumor cellular and lysosomal hydroxychloroquine delivery by smart liposomes for optimal autophagy inhibition and improved antitumor efficiency with liposomal doxorubicin. <i>Autophagy</i> , 2016, 12, 949-962.	4.3	62
2928	SESN2/sestrin 2 induction-mediated autophagy and inhibitory effect of isorhapontigenin (ISO) on human bladder cancers. <i>Autophagy</i> , 2016, 12, 1229-1239.	4.3	77
2929	Lipid-Induced Endoplasmic Reticulum Stress Impairs Selective Autophagy at the Step of Autophagosome-Lysosome Fusion in Hepatocytes. <i>American Journal of Pathology</i> , 2016, 186, 1861-1873.	1.9	72
2930	TMEPAI increases lysosome stability and promotes autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 76, 98-106.	1.2	16
2931	Autophagy Evasion and Endoplasmic Reticulum Subversion: The Yin and Yang of <i>Legionella</i> Intracellular Infection. <i>Annual Review of Microbiology</i> , 2016, 70, 413-433.	2.9	74
2932	Analysis of Relevant Parameters for Autophagic Flux Using HeLa Cells Expressing EGFP-LC3. <i>Methods in Molecular Biology</i> , 2016, 1449, 313-329.	0.4	4
2933	Presence of insoluble Tau following rotenone exposure ameliorates basic pathways associated with neurodegeneration. <i>IBRO Reports</i> , 2016, 1, 32-45.	0.3	11
2934	Celecoxib suppresses autophagy and enhances cytotoxicity of imatinib in imatinib-resistant chronic myeloid leukemia cells. <i>Journal of Translational Medicine</i> , 2016, 14, 270.	1.8	22

#	ARTICLE	IF	CITATIONS
2935	Atg5-dependent autophagy plays a protective role against methylmercury-induced cytotoxicity. <i>Toxicology Letters</i> , 2016, 262, 135-141.	0.4	34
2936	P300/CBP-associated factor (PCAF) inhibits the growth of hepatocellular carcinoma by promoting cell autophagy. <i>Cell Death and Disease</i> , 2016, 7, e2400-e2400.	2.7	33
2937	Chemotactic G protein-coupled receptors control cell migration by repressing autophagosome biogenesis. <i>Autophagy</i> , 2016, 12, 2344-2362.	4.3	25
2938	A LRRK2-Dependent EndophilinA Phosphoswitch Is Critical for Macroautophagy at Presynaptic Terminals. <i>Neuron</i> , 2016, 92, 829-844.	3.8	202
2939	Folic acid deficiency increases brain cell injury via autophagy enhancement after focal cerebral ischemia. <i>Journal of Nutritional Biochemistry</i> , 2016, 38, 41-49.	1.9	28
2940	Fibromyalgia syndrome: metabolic and autophagic processes in intermittent cold stress mice. <i>Pharmacology Research and Perspectives</i> , 2016, 4, e00248.	1.1	13
2941	Cytoprotective effect of autophagy on phagocytosis of apoptotic cells by macrophages. <i>Experimental Cell Research</i> , 2016, 348, 165-176.	1.2	16
2942	Discovery of novel TAOK2 inhibitor scaffolds from high-throughput screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3923-3927.	1.0	9
2943	Methods for the Detection of Autophagy in Mammalian Cells. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2016, 69, 20.12.1-20.12.26.	1.1	64
2944	mTOR is a fine tuning molecule in CDK inhibitors-induced distinct cell death mechanisms via PI3K/AKT/mTOR signaling axis in prostate cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 1158-1178.	2.2	15
2945	Autophagy in leukocytes and other cells: mechanisms, subsystem organization, selectivity, and links to innate immunity. <i>Journal of Leukocyte Biology</i> , 2016, 100, 969-978.	1.5	38
2946	From the Cover: Autophagy Induction Contributes to Cadmium Toxicity in Mesenchymal Stem Cells via AMPK/FOXO3a/BECN1 Signaling. <i>Toxicological Sciences</i> , 2016, 154, 101-114.	1.4	42
2947	Comparison of photodynamic treatment produced cell damage between human breast cancer cell MCF-7 and its multidrug resistance cell. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 16, 1-8.	1.3	17
2948	Thrombin preferentially induces autophagy in glia cells in the rat central nervous system. <i>Neuroscience Letters</i> , 2016, 630, 53-58.	1.0	10
2949	Wild-type rabies virus induces autophagy in human and mouse neuroblastoma cell lines. <i>Autophagy</i> , 2016, 12, 1704-1720.	4.3	47
2950	Poly(ADP-ribose)ylation is involved in pro-survival autophagy in porcine blastocysts. <i>Molecular Reproduction and Development</i> , 2016, 83, 37-49.	1.0	19
2951	Autophagy in airway diseases: a new frontier in human asthma?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 5-14.	2.7	70
2952	The autophagy-lysosomal system in subarachnoid haemorrhage. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1770-1778.	1.6	27

#	ARTICLE	IF	CITATIONS
2953	Curcumin enhances human macrophage control of <i>Mycobacterium tuberculosis</i> infection. <i>Respirology</i> , 2016, 21, 951-957.	1.3	67
2954	Myosins, Actin and Autophagy. <i>Traffic</i> , 2016, 17, 878-890.	1.3	78
2955	Loperamide Restricts Intracellular Growth of <i>Mycobacterium tuberculosis</i> in Lung Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 837-847.	1.4	42
2956	The Basics of Autophagy. , 2016, , 3-20.		6
2957	Downregulation of KDM4A Suppresses the Survival of Glioma Cells by Promoting Autophagy. <i>Journal of Molecular Neuroscience</i> , 2016, 60, 137-144.	1.1	22
2958	Autophagy in the eye: Development, degeneration, and aging. <i>Progress in Retinal and Eye Research</i> , 2016, 55, 206-245.	7.3	184
2959	Niemann-Pick type C2 deficiency impairs autophagy-lysosomal activity, mitochondrial function, and TLR signaling in adipocytes. <i>Journal of Lipid Research</i> , 2016, 57, 1644-1658.	2.0	39
2960	Atg9A trafficking through the recycling endosomes is required for autophagosome formation. <i>Journal of Cell Science</i> , 2016, 129, 3781-3791.	1.2	116
2961	Neferine prevents autophagy induced by hypoxia through activation of Akt/mTOR pathway and Nrf2 in muscle cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1407-1413.	2.5	32
2962	PEBP1, a RAF kinase inhibitory protein, negatively regulates starvation-induced autophagy by direct interaction with LC3. <i>Autophagy</i> , 2016, 12, 2183-2196.	4.3	49
2963	Autophagy core machinery: overcoming spatial barriers in neurons. <i>Journal of Molecular Medicine</i> , 2016, 94, 1217-1227.	1.7	87
2964	RKIP phosphorylation-dependent ERK1 activation stimulates adipogenic lipid accumulation in 3T3-L1 preadipocytes overexpressing LC3. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 12-17.	1.0	10
2965	<i>Ehrlichia</i> secretes Etf-1 to induce autophagy and capture nutrients for its growth through RAB5 and class III phosphatidylinositol 3-kinase. <i>Autophagy</i> , 2016, 12, 2145-2166.	4.3	63
2966	cPKC β -Modulated Autophagy in Neurons Alleviates Ischemic Injury in Brain of Mice with Ischemic Stroke Through Akt-mTOR Pathway. <i>Translational Stroke Research</i> , 2016, 7, 497-511.	2.3	73
2967	Identification mouse patatin-like phospholipase domain containing protein 1 as a skin-specific and membrane-associated protein. <i>Gene</i> , 2016, 591, 344-350.	1.0	5
2968	Hypothalamic AMPK-induced autophagy increases food intake by regulating NPY and POMC expression. <i>Autophagy</i> , 2016, 12, 2009-2025.	4.3	86
2969	Intrathecal Injection of 3-Methyladenine Reduces Neuronal Damage and Promotes Functional Recovery & via Autophagy Attenuation after Spinal Cord Ischemia/Reperfusion Injury in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 665-673.	0.6	15
2970	Celecoxib exerts antitumor effects in HL-60 acute leukemia cells and inhibits autophagy by affecting lysosome function. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1551-1557.	2.5	19

#	ARTICLE	IF	CITATIONS
2971	Autophagy-related proteins are functionally active in human spermatozoa and may be involved in the regulation of cell survival and motility. <i>Scientific Reports</i> , 2016, 6, 33647.	1.6	83
2972	Silymarin attenuates cigarette smoke extract-induced inflammation via simultaneous inhibition of autophagy and ERK/p38 MAPK pathway in human bronchial epithelial cells. <i>Scientific Reports</i> , 2016, 6, 37751.	1.6	93
2973	Lipopolysaccharide-induced autophagy participates in the control of pro-inflammatory cytokine release in grass carp head kidney leukocytes. <i>Fish and Shellfish Immunology</i> , 2016, 59, 389-397.	1.6	12
2974	CSC-3436 switched tamoxifen-induced autophagy to apoptosis through the inhibition of AMPK/mTOR pathway. <i>Journal of Biomedical Science</i> , 2016, 23, 60.	2.6	35
2975	LAMP-2 is required for incorporating syntaxin-17 into autophagosomes and for their fusion with lysosomes. <i>Biology Open</i> , 2016, 5, 1516-1529.	0.6	89
2976	Electroacupuncture protects against ischemic stroke by reducing autophagosome formation and inhibiting autophagy through the mTORC1-ULK1 complex-Beclin1 pathway. <i>International Journal of Molecular Medicine</i> , 2016, 37, 309-318.	1.8	51
2977	Intracellular <i>Staphylococcus aureus</i> eludes selective autophagy by activating a host cell kinase. <i>Autophagy</i> , 2016, 12, 2069-2084.	4.3	97
2978	Lithium improves cell viability in psychosine-treated MO3.13 human oligodendrocyte cell line via autophagy activation. <i>Journal of Neuroscience Research</i> , 2016, 94, 1246-1260.	1.3	33
2979	Phosphatidylethanolamine Metabolism in Health and Disease. <i>International Review of Cell and Molecular Biology</i> , 2016, 321, 29-88.	1.6	269
2980	Prognostic relevance of autophagy-related markers LC3, p62/sequestosome 1, Beclin-1 and ULK1 in colorectal cancer patients with respect to KRAS mutational status. <i>World Journal of Surgical Oncology</i> , 2016, 14, 189.	0.8	100
2981	Regulation of Hspb7 by MEF2 and AP-1: implications for Hspb7 in muscle atrophy. <i>Journal of Cell Science</i> , 2016, 129, 4076-4090.	1.2	15
2982	Proteasome inhibitors induce FLT3-ITD degradation through autophagy in AML cells. <i>Blood</i> , 2016, 127, 882-892.	0.6	108
2983	Size, organization, and dynamics of soluble SQSTM1 and LC3-SQSTM1 complexes in living cells. <i>Autophagy</i> , 2016, 12, 1660-1674.	4.3	18
2984	Critical role of bacterial isochorismatase in the autophagic process induced by <i>Acinetobacter baumannii</i> in mammalian cells. <i>FASEB Journal</i> , 2016, 30, 3563-3577.	0.2	37
2985	SNARE-mediated membrane fusion in autophagy. <i>Seminars in Cell and Developmental Biology</i> , 2016, 60, 97-104.	2.3	101
2986	Identification of BECN1 and ATG14 Coiled-Coil Interface Residues That Are Important for Starvation-Induced Autophagy. <i>Biochemistry</i> , 2016, 55, 4239-4253.	1.2	25
2987	Oncolytic vaccinia virus inhibits human hepatocellular carcinoma MHCC97H cell proliferation via endoplasmic reticulum stress, autophagy and Wnt pathways. <i>Journal of Gene Medicine</i> , 2016, 18, 211-219.	1.4	16
2988	The ubiquitin-proteasome system and autophagy: Coordinated and independent activities. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 403-418.	1.2	135

#	ARTICLE	IF	CITATIONS
2989	Ratiometric analysis of acridine orange staining in the study of acidic organelles and autophagy. <i>Journal of Cell Science</i> , 2016, 129, 4622-4632.	1.2	171
2990	Resistance to receptor tyrosine kinase inhibitors in solid tumors: can we improve the cancer fighting strategy by blocking autophagy?. <i>Cancer Cell International</i> , 2016, 16, 62.	1.8	33
2991	TRIM31 promotes Atg5/Atg7-independent autophagy in intestinal cells. <i>Nature Communications</i> , 2016, 7, 11726.	5.8	74
2992	The Nobel Prize for understanding autophagy, a cellular mechanism of waste disposal that keeps us healthy. <i>Journal of Biosciences</i> , 2016, 41, 563-567.	0.5	0
2993	The induction of apoptosis in SGC-7901 cells through the ROS-mediated mitochondrial dysfunction pathway by a Ir(III) complex. <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 1047-1060.	1.1	23
2994	The role of mTOR signalling in the regulation of skeletal muscle mass in a rodent model of resistance exercise. <i>Scientific Reports</i> , 2016, 6, 31142.	1.6	139
2995	The role of TLR9 in stress-dependent autophagy formation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 481, 219-226.	1.0	13
2996	The effect of JAK2 knockout on inhibition of liver tumor growth by inducing apoptosis, autophagy and anti-proliferation via STATs and PI3K/AKT signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1202-1212.	2.5	26
2997	Capillary Electrophoresis with Laser-Induced Fluorescent Detection of Immunolabeled Individual Autophagy Organelles Isolated from Liver Tissue. <i>Analytical Chemistry</i> , 2016, 88, 11691-11698.	3.2	2
2998	VCP recruitment to mitochondria causes mitophagy impairment and neurodegeneration in models of Huntington's disease. <i>Nature Communications</i> , 2016, 7, 12646.	5.8	144
2999	Role of autophagy and lysosomal drug sequestration in acquired resistance to doxorubicin in MCF-7 cells. <i>BMC Cancer</i> , 2016, 16, 762.	1.1	58
3000	Glioblastoma, hypoxia and autophagy: a survival-prone $\text{m}^{\text{A}}\text{O}^{\text{A}}\text{t}^{\text{A}}\text{t}^{\text{A}}$. <i>Cell Death and Disease</i> , 2016, 7, e2434-e2434.	2.7	103
3001	TLR9-ERK-mTOR signaling is critical for autophagic cell death induced by CpG oligodeoxynucleotide 107 combined with irradiation in glioma cells. <i>Scientific Reports</i> , 2016, 6, 27104.	1.6	19
3002	Characterization of microRNAs by deep sequencing in red claw crayfish <i>Cherax quadricarinatus</i> haematopoietic tissue cells after white spot syndrome virus infection. <i>Fish and Shellfish Immunology</i> , 2016, 59, 469-483.	1.6	29
3003	Inhibition of JNK-mediated autophagy enhances NSCLC cell sensitivity to mTORC1/2 inhibitors. <i>Scientific Reports</i> , 2016, 6, 28945.	1.6	18
3004	Inhibition of Autophagy Enhances Curcumin United light irradiation-induced Oxidative Stress and Tumor Growth Suppression in Human Melanoma Cells. <i>Scientific Reports</i> , 2016, 6, 31383.	1.6	30
3005	Induction of autophagy improves embryo viability in cloned mouse embryos. <i>Scientific Reports</i> , 2016, 5, 17829.	1.6	26
3006	The ATG conjugation systems are important for degradation of the inner autophagosomal membrane. <i>Science</i> , 2016, 354, 1036-1041.	6.0	387

#	ARTICLE	IF	CITATIONS
3007	Lysosomal Storage of Subunit c of Mitochondrial ATP Synthase in Brain-Specific Atp13a2-Deficient Mice. <i>American Journal of Pathology</i> , 2016, 186, 3074-3082.	1.9	28
3008	Distinct surveillance pathway for immunopathology during acute infection via autophagy and SR-BI. <i>Scientific Reports</i> , 2016, 6, 34440.	1.6	15
3009	Phospholipids in Autophagosome Formation and Fusion. <i>Journal of Molecular Biology</i> , 2016, 428, 4819-4827.	2.0	24
3010	The Parkinson's disease-associated genes ATP13A2 and SYT11 regulate autophagy via a common pathway. <i>Nature Communications</i> , 2016, 7, 11803.	5.8	154
3011	Trehalose, sucrose and raffinose are novel activators of autophagy in human keratinocytes through an mTOR-independent pathway. <i>Scientific Reports</i> , 2016, 6, 28423.	1.6	76
3012	Induction of Autophagy and Apoptosis via PI3K/AKT/TOR Pathways by Azadirachtin A in <i>Spodoptera litura</i> Cells. <i>Scientific Reports</i> , 2016, 6, 35482.	1.6	89
3013	Doxorubicin impairs cardiomyocyte viability by suppressing transcription factor EB expression and disrupting autophagy. <i>Biochemical Journal</i> , 2016, 473, 3769-3789.	1.7	90
3015	An Autophagic Flux Probe that Releases an Internal Control. <i>Molecular Cell</i> , 2016, 64, 835-849.	4.5	406
3016	Oxygen-Glucose-Deprivation/Reoxygenation-Induced Autophagic Cell Death Depends on JNK-Mediated Phosphorylation of Bcl-2. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 1063-1074.	1.1	35
3017	Marginal dietary zinc deprivation augments sepsis-induced alterations in skeletal muscle <sc>TNF</sc> but not protein synthesis. <i>Physiological Reports</i> , 2016, 4, e13017.	0.7	4
3018	The Nobel Prize: an appetizer before the feast. <i>Science Bulletin</i> , 2016, 61, 1711-1714.	4.3	0
3019	Autophagy-induced Apoptosis in Lung Cancer Cells by a Novel Digitoxin Analog. <i>Journal of Cellular Physiology</i> , 2016, 231, 817-828.	2.0	26
3020	<sc>AC</sc>1001 H3 <sc>CDR</sc> peptide induces apoptosis and signs of autophagy <i>in vitro</i> and exhibits antimetastatic activity in a syngeneic melanoma model. <i>FEBS Open Bio</i> , 2016, 6, 885-901.	1.0	25
3021	LAMP proteins account for the maturation delay during the establishment of the <i>Coxiella burnetii</i> -containing vacuole. <i>Cellular Microbiology</i> , 2016, 18, 181-194.	1.1	34
3022	c-Jun N-terminal kinase activation by nitrobenzoxadiazoles leads to late-stage autophagy inhibition. <i>Journal of Translational Medicine</i> , 2016, 14, 37.	1.8	22
3023	Suppression of calcium-sensing receptor ameliorates cardiac hypertrophy through inhibition of autophagy. <i>Molecular Medicine Reports</i> , 2016, 14, 111-120.	1.1	26
3024	Involvement of PARK2-Mediated Mitophagy in Idiopathic Pulmonary Fibrosis Pathogenesis. <i>Journal of Immunology</i> , 2016, 197, 504-516.	0.4	102
3025	Reduction of polyethylenimine-coated iron oxide nanoparticles induced autophagy and cytotoxicity by lactosylation. <i>International Journal of Energy Production and Management</i> , 2016, 3, 223-229.	1.9	29

#	ARTICLE	IF	CITATIONS
3026	Abrogation of Autophagy by Chloroquine Alone or in Combination with mTOR Inhibitors Induces Apoptosis in Neuroendocrine Tumor Cells. <i>Neuroendocrinology</i> , 2016, 103, 724-737.	1.2	21
3027	Autophagy enhancement contributes to the synergistic effect of vitamin D in temozolomide-based glioblastoma chemotherapy. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 2153-2162.	0.8	30
3028	Biphasic effects of l-ascorbate on the tumoricidal activity of non-thermal plasma against malignant mesothelioma cells. <i>Archives of Biochemistry and Biophysics</i> , 2016, 605, 109-116.	1.4	24
3029	Tetrandrine induces lipid accumulation through blockade of autophagy in a hepatic stellate cell line. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 40-46.	1.0	20
3030	Thermogenic activation represses autophagy in brown adipose tissue. <i>International Journal of Obesity</i> , 2016, 40, 1591-1599.	1.6	45
3031	Mechanisms of silver nanoparticle-induced toxicity and important role of autophagy. <i>Nanotoxicology</i> , 2016, 10, 1021-1040.	1.6	198
3032	MicroRNA-21 activation of ERK signaling via PTEN is involved in arsenite-induced autophagy in human hepatic L-02 cells. <i>Toxicology Letters</i> , 2016, 252, 1-10.	0.4	44
3033	Sulforaphane effects on postinfarction cardiac remodeling in rats: modulation of redox-sensitive prosurvival and proapoptotic proteins. <i>Journal of Nutritional Biochemistry</i> , 2016, 34, 106-117.	1.9	25
3034	Autophagy promotes ferroptosis by degradation of ferritin. <i>Autophagy</i> , 2016, 12, 1425-1428.	4.3	1,318
3035	Mitochondrial dysfunction activates the AMPK signaling and autophagy to promote cell survival. <i>Genes and Diseases</i> , 2016, 3, 82-87.	1.5	51
3036	High glucose induces autophagy of MC3T3-E1 cells via ROS-AKT-mTOR axis. <i>Molecular and Cellular Endocrinology</i> , 2016, 429, 62-72.	1.6	34
3037	14-Deoxy-11,12-didehydroandrographolide induces DDIT3-dependent endoplasmic reticulum stress-mediated autophagy in T-47D breast carcinoma cells. <i>Toxicology and Applied Pharmacology</i> , 2016, 300, 55-69.	1.3	19
3038	Chromatin remodeling enzyme Snf2h regulates embryonic lens differentiation and denucleation. <i>Development (Cambridge)</i> , 2016, 143, 1937-1947.	1.2	41
3039	Impairment of the autophagic flux in astrocytes intoxicated by trimethyltin. <i>NeuroToxicology</i> , 2016, 52, 12-22.	1.4	18
3040	Microfilariae of <i>Brugia malayi</i> Inhibit the mTOR Pathway and Induce Autophagy in Human Dendritic Cells. <i>Infection and Immunity</i> , 2016, 84, 2463-2472.	1.0	31
3041	HIV-Infected Dendritic Cells Present Endogenous MHC Class II-Restricted Antigens to HIV-Specific CD4+ T Cells. <i>Journal of Immunology</i> , 2016, 197, 517-532.	0.4	46
3042	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016, 23, 1093-1112.	7.2	360
3043	Autophagy induced by snakehead fish vesiculovirus inhibited its replication in SSN-1 cell line. <i>Fish and Shellfish Immunology</i> , 2016, 55, 415-422.	1.6	24

#	ARTICLE	IF	CITATIONS
3044	Trehalose rescues glial cell dysfunction in striatal cultures from HD R6/1 mice at early postnatal development. <i>Molecular and Cellular Neurosciences</i> , 2016, 74, 128-145.	1.0	19
3045	Inhibition of mitochondrial calcium uniporter protects neurocytes from ischemia/reperfusion injury via the inhibition of excessive mitophagy. <i>Neuroscience Letters</i> , 2016, 628, 24-29.	1.0	45
3046	A potent betulinic acid analogue ascertains an antagonistic mechanism between autophagy and proteasomal degradation pathway in HT-29 cells. <i>BMC Cancer</i> , 2016, 16, 23.	1.1	27
3047	Valosin-containing protein is a key mediator between autophagic cell death and apoptosis in adult hippocampal neural stem cells following insulin withdrawal. <i>Molecular Brain</i> , 2016, 9, 31.	1.3	27
3048	Blood-Spinal Cord Barrier Alterations in Subacute and Chronic Stages of a Rat Model of Focal Cerebral Ischemia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 673-688.	0.9	20
3049	Molecular mechanisms of autophagy in plants: Role of ATG8 proteins in formation and functioning of autophagosomes. <i>Biochemistry (Moscow)</i> , 2016, 81, 348-363.	0.7	26
3050	Orphan Nuclear Receptor NR4A1 Binds a Novel Protein Interaction Site on Anti-apoptotic B Cell Lymphoma Gene 2 Family Proteins. <i>Journal of Biological Chemistry</i> , 2016, 291, 14072-14084.	1.6	17
3051	MARCH2 regulates autophagy by promoting CFTR ubiquitination and degradation and PIK3CA-AKT-MTOR signaling. <i>Autophagy</i> , 2016, 12, 1614-1630.	4.3	25
3052	Apoptosis, autophagy, cell cycle arrest, cell invasion and BSA-binding studies in vitro of ruthenium(II) polypyridyl complexes. <i>RSC Advances</i> , 2016, 6, 63143-63155.	1.7	24
3053	Vacuolin-1 inhibits autophagy by impairing lysosomal maturation via PIKfyve inhibition. <i>FEBS Letters</i> , 2016, 590, 1576-1585.	1.3	35
3054	Host cell autophagy contributes to <i>Plasmodium</i> liver development. <i>Cellular Microbiology</i> , 2016, 18, 437-450.	1.1	60
3055	Mycobacterium tuberculosis EspB protein suppresses interferon- γ -induced autophagy in murine macrophages. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 859-865.	1.5	32
3056	Melatonin modulated autophagy and Nrf2 signaling pathways in mice with colitis-associated colon carcinogenesis. <i>Molecular Carcinogenesis</i> , 2016, 55, 255-267.	1.3	92
3057	Sensitization of estrogen receptor-positive breast cancer cell lines to 4-hydroxytamoxifen by isothiocyanates present in cruciferous plants. <i>European Journal of Nutrition</i> , 2016, 55, 1165-1180.	1.8	46
3058	Lipid Geometry and Bilayer Curvature Modulate LC3/GABARAP-Mediated Model Autophagosomal Elongation. <i>Biophysical Journal</i> , 2016, 110, 411-422.	0.2	54
3059	The Protective Role of Autophagy in Human Vocal Fold Fibroblasts under Cigarette Smoke Extract Exposure: A New Insight into the Study of Reinke's Edema. <i>Orl</i> , 2016, 78, 26-35.	0.6	12
3060	Cannabidiol Post-Treatment Alleviates Rat Epileptic-Related Behaviors and Activates Hippocampal Cell Autophagy Pathway Along with Antioxidant Defense in Chronic Phase of Pilocarpine-Induced Seizure. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 432-440.	1.1	49
3061	Saligenin cyclic-o-tolyl phosphate (SCOTP) induces autophagy of rat spermatogonial stem cells. <i>Reproductive Toxicology</i> , 2016, 60, 62-68.	1.3	21

#	ARTICLE	IF	CITATIONS
3062	Establishment of Two Mouse Models for CEDNIK Syndrome Reveals the Pivotal Role of SNAP29 in Epidermal Differentiation. <i>Journal of Investigative Dermatology</i> , 2016, 136, 672-679.	0.3	31
3063	The role of autophagy in squamous cell carcinoma of the head and neck. <i>Oral Oncology</i> , 2016, 54, 1-6.	0.8	34
3064	Fasudil, a Rho kinase inhibitor, promotes the autophagic degradation of A53T α -synuclein by activating the JNK 1/Bcl-2/beclin 1 pathway. <i>Brain Research</i> , 2016, 1632, 9-18.	1.1	27
3065	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
3066	Heme oxygenase-1 contributes to imatinib resistance by promoting autophagy in chronic myeloid leukemia through disrupting the mTOR signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2016, 78, 30-38.	2.5	23
3067	Design, synthesis and biological evaluation of novel asperphenamate derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 110, 76-86.	2.6	14
3068	Rapamycin Promotes the Autophagic Degradation of Oxidized Low-Density Lipoprotein in Human Umbilical Vein Endothelial Cells. <i>Journal of Vascular Research</i> , 2015, 52, 210-219.	0.6	12
3069	Autophagy, lipophagy and lysosomal lipid storage disorders. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 269-284.	1.2	189
3070	Autophagy Inhibitor 3-MA Weakens Neuroprotective Effects of Posttraumatic Brain Injury Moderate Hypothermia. <i>World Neurosurgery</i> , 2016, 88, 433-446.	0.7	21
3071	Exaggerated arsenic nephrotoxicity in female mice through estrogen-dependent impairments in the autophagic flux. <i>Toxicology</i> , 2016, 339, 9-18.	2.0	33
3072	Momordin Ic couples apoptosis with autophagy in human hepatoblastoma cancer cells by reactive oxygen species (ROS)-mediated PI3K/Akt and MAPK signaling pathways. <i>Free Radical Biology and Medicine</i> , 2016, 90, 230-242.	1.3	121
3073	PINK1 deficiency enhances autophagy and mitophagy induction. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1046579.	0.3	18
3074	Downregulation of pyrroline-5-carboxylate reductase-2 induces the autophagy of melanoma cells via AMPK/mTOR pathway. <i>Tumor Biology</i> , 2016, 37, 6485-6491.	0.8	17
3075	Recycling and Endosomal Sorting of Protease-activated Receptor-1 Is Distinctly Regulated by Rab11A and Rab11B Proteins. <i>Journal of Biological Chemistry</i> , 2016, 291, 2223-2236.	1.6	26
3076	Activation of the EIF2AK4-EIF2A/eIF2 α -ATF4 pathway triggers autophagy response to Crohn disease-associated adherent-invasive <i>Escherichia coli</i> infection. <i>Autophagy</i> , 2016, 12, 770-783.	4.3	54
3077	The anticancer effect of chaetocin is enhanced by inhibition of autophagy. <i>Cell Death and Disease</i> , 2016, 7, e2098-e2098.	2.7	32
3078	Role of AMPK in regulation of LC3 lipidation as a marker of autophagy in skeletal muscle. <i>Cellular Signalling</i> , 2016, 28, 663-674.	1.7	62
3079	IL10 inhibits starvation-induced autophagy in hypertrophic scar fibroblasts via cross talk between the IL10-IL10R-STAT3 and IL10-AKT-mTOR pathways. <i>Cell Death and Disease</i> , 2016, 7, e21133-e21133.	2.7	52

#	ARTICLE	IF	CITATIONS
3080	The regulation of autophagy during exercise in skeletal muscle. <i>Journal of Applied Physiology</i> , 2016, 120, 664-673.	1.2	91
3081	Autophagy Modulates Cell Mineralization on Fluorapatite-Modified Scaffolds. <i>Journal of Dental Research</i> , 2016, 95, 650-656.	2.5	18
3082	Hinokitiol induces autophagy in murine breast and colorectal cancer cells. <i>Environmental Toxicology</i> , 2016, 31, 77-84.	2.1	31
3083	A synthetic 2,3-diarylindole induces cell death via apoptosis and autophagy in A549 lung cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2119-2123.	1.0	18
3084	Mouse Norovirus infection promotes autophagy induction to facilitate replication but prevents final autophagosome maturation. <i>Virology</i> , 2016, 492, 130-139.	1.1	14
3085	Mechanisms of Selective Autophagy. <i>Journal of Molecular Biology</i> , 2016, 428, 1714-1724.	2.0	469
3086	Precision autophagy directed by receptor regulators “emerging examples within the TRIM family. <i>Journal of Cell Science</i> , 2016, 129, 881-91.	1.2	81
3087	Biophysical changes reduce energetic demand in growth factor“deprived lymphocytes. <i>Journal of Cell Biology</i> , 2016, 212, 439-447.	2.3	21
3088	Therapeutic interactions of autophagy with radiation and temozolomide in glioblastoma: evidence and issues to resolve. <i>British Journal of Cancer</i> , 2016, 114, 485-496.	2.9	61
3089	Interferon-inducible protein SCOTIN interferes with HCV replication through the autolysosomal degradation of NS5A. <i>Nature Communications</i> , 2016, 7, 10631.	5.8	57
3090	Autophagic vacuoles in cardiomyocytes of dilated cardiomyopathy with initially decompensated heart failure predict improved prognosis. <i>Autophagy</i> , 2016, 12, 579-587.	4.3	86
3091	Interferon- β Protects from Staphylococcal Alpha Toxin-Induced Keratinocyte Death through Apolipoprotein L1. <i>Journal of Investigative Dermatology</i> , 2016, 136, 658-664.	0.3	9
3092	Distinguishing aggregate formation and aggregate clearance using cell based assays. <i>Journal of Cell Science</i> , 2016, 129, 1260-70.	1.2	26
3093	Excessive apoptosis and defective autophagy contribute to developmental testicular toxicity induced by fluoride. <i>Environmental Pollution</i> , 2016, 212, 97-104.	3.7	80
3094	Detection of Autophagy in <i>Caenorhabditis elegans</i> by Western Blotting Analysis of LGG-1. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot086512.	0.2	8
3095	De novo transcriptome assembly of <i>Perkinsus olseni</i> trophozoite stimulated in vitro with Manila clam (<i>Ruditapes philippinarum</i>) plasma. <i>Journal of Invertebrate Pathology</i> , 2016, 135, 22-33.	1.5	14
3096	Rho Kinase Inhibition as a Therapeutic for Progressive Supranuclear Palsy and Corticobasal Degeneration. <i>Journal of Neuroscience</i> , 2016, 36, 1316-1323.	1.7	71
3097	Brain metabolism as a modulator of autophagy in neurodegeneration. <i>Brain Research</i> , 2016, 1649, 158-165.	1.1	17

#	ARTICLE	IF	CITATIONS
3098	Differing susceptibility to autophagic degradation of two LC3-binding proteins: SQSTM1/p62 and TBC1D25/OATL1. <i>Autophagy</i> , 2016, 12, 312-326.	4.3	23
3099	Autophagy upregulation promotes macrophages to escape mesoporous silica nanoparticle (MSN)-induced NF- κ B-dependent inflammation. <i>Inflammation Research</i> , 2016, 65, 325-341.	1.6	38
3100	Group IVA phospholipase A2 deficiency prevents CCL4-induced hepatic cell death through the enhancement of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 15-20.	1.0	12
3101	Dengue-induced autophagy, virus replication and protection from cell death require ER stress (PERK) pathway activation. <i>Cell Death and Disease</i> , 2016, 7, e2127-e2127.	2.7	103
3102	Hyperoside induces both autophagy and apoptosis in non-small cell lung cancer cells in vitro. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 505-518.	2.8	50
3103	Mechanistically Dissecting Autophagy: Insights from In Vitro Reconstitution. <i>Journal of Molecular Biology</i> , 2016, 428, 1700-1713.	2.0	11
3104	Conformational Flexibility Enables the Function of a BECN1 Region Essential for Starvation-Mediated Autophagy. <i>Biochemistry</i> , 2016, 55, 1945-1958.	1.2	28
3105	Mechanisms of Selective Autophagy in Normal Physiology and Cancer. <i>Journal of Molecular Biology</i> , 2016, 428, 1659-1680.	2.0	156
3106	Procyanidins from <i>Nelumbo nucifera</i> Gaertn. Seedpod induce autophagy mediated by reactive oxygen species generation in human hepatoma G2 cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 79, 135-152.	2.5	14
3107	C/EBP β regulates sensitivity to bortezomib in prostate cancer cells by inducing REDD1 and autophagosome-lysosome fusion. <i>Cancer Letters</i> , 2016, 375, 152-161.	3.2	28
3108	NADPH oxidase activation is required for pentylenetetrazole kindling-induced hippocampal autophagy. <i>Free Radical Biology and Medicine</i> , 2016, 94, 230-242.	1.3	57
3109	Differential autophagic effects triggered by five different vertebrate iridoviruses in a common, highly permissive mandarin fish fry (MFF-1) cell model. <i>Fish and Shellfish Immunology</i> , 2016, 49, 407-419.	1.6	21
3110	Beyond starvation: An update on the autophagic machinery and its functions. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 95, 2-10.	0.9	42
3111	Ubiquitin-mediated Small Molecule Inhibition of Mammalian Target of Rapamycin Complex 1 (mTORC1) Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 5221-5233.	1.6	25
3112	Effects of Atrazine and Chlorpyrifos on Autophagy-Related Genes in the Brain of Common Carp: Health-Risk Assessments. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 301-310.	2.1	8
3113	Asparagine deprivation mediated by <i>Salmonella</i> asparaginase causes suppression of activation-induced T cell metabolic reprogramming. <i>Journal of Leukocyte Biology</i> , 2016, 99, 387-398.	1.5	39
3114	Thapsigargin induces apoptosis when autophagy is inhibited in HepG2 cells and both processes are regulated by ROS-dependent pathway. <i>Environmental Toxicology and Pharmacology</i> , 2016, 41, 167-179.	2.0	39
3115	Mitochondrial impairment, apoptosis and autophagy in a rat brain as immediate and long-term effects of perinatal phencyclidine treatment influence of restraint stress. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 66, 87-96.	2.5	26

#	ARTICLE	IF	CITATIONS
3116	Activation of the Farnesoid X-receptor in breast cancer cell lines results in cytotoxicity but not increased migration potential. <i>Cancer Letters</i> , 2016, 370, 250-259.	3.2	31
3117	Autophagy activation attenuates angiotensin II-induced cardiac fibrosis. <i>Archives of Biochemistry and Biophysics</i> , 2016, 590, 37-47.	1.4	43
3118	Combined therapy of oncolytic adenovirus and temozolomide enhances lung cancer virotherapy in vitro and in vivo. <i>Virology</i> , 2016, 487, 249-259.	1.1	37
3119	Mitophagy programs: mechanisms and physiological implications of mitochondrial targeting by autophagy. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 775-795.	2.4	310
3120	Insulin decreases autophagy and leads to cartilage degradation. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 731-739.	0.6	70
3121	Autophagy positively regulates DNA damage recognition by nucleotide excision repair. <i>Autophagy</i> , 2016, 12, 357-368.	4.3	75
3122	Inhibition of Survival Pathways MAPK and NF-kB Triggers Apoptosis in Pancreatic Ductal Adenocarcinoma Cells via Suppression of Autophagy. <i>Targeted Oncology</i> , 2016, 11, 183-195.	1.7	59
3123	miR-15a enhances the anticancer effects of cisplatin in the resistant non-small cell lung cancer cells. <i>Tumor Biology</i> , 2016, 37, 1739-1751.	0.8	31
3124	Axonal Accumulation of Lysosomal-Associated Membrane Protein 1 (LAMP1) Accompanying Alterations of Autophagy Dynamics in the Rat Hippocampus Upon Seizure-Induced Injury. <i>Neurochemical Research</i> , 2016, 41, 53-63.	1.6	12
3125	Airway Exposure to E-Cigarette Vapors Impairs Autophagy and Induces Aggresome Formation. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 186-204.	2.5	60
3126	Peroxisome homeostasis: Mechanisms of division and selective degradation of peroxisomes in mammals. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 984-991.	1.9	57
3127	Extracellular Vesicles Mediate Receptor-Independent Transmission of Novel Tick-Borne Bunyavirus. <i>Journal of Virology</i> , 2016, 90, 873-886.	1.5	32
3128	Cytoprotective role of autophagy against BH3 mimetic gossypol in ATG5 knockout cells generated by CRISPR-Cas9 endonuclease. <i>Cancer Letters</i> , 2016, 370, 19-26.	3.2	13
3129	Dining in: intracellular bacterial pathogen interplay with autophagy. <i>Current Opinion in Microbiology</i> , 2016, 29, 9-14.	2.3	41
3130	LC3-II Tagging and Western Blotting for Monitoring Autophagic Activity in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2016, 1303, 161-170.	0.4	21
3131	Gestational exercise protects adult male offspring from high-fat diet-induced hepatic steatosis. <i>Journal of Hepatology</i> , 2016, 64, 171-178.	1.8	52
3132	Autophagy in light-induced retinal damage. <i>Experimental Eye Research</i> , 2016, 144, 64-72.	1.2	34
3133	Beclin-1 Deficiency Alters Autophagosome Formation, Lysosome Biogenesis and Enhances Neuronal Vulnerability of HT22 Hippocampal Cells. <i>Molecular Neurobiology</i> , 2016, 53, 5500-5509.	1.9	27

#	ARTICLE	IF	CITATIONS
3134	Oxygenâ€“Glucose Deprivation (OGD) Modulates the Unfolded Protein Response (UPR) and Inflicts Autophagy in a PC12 Hypoxia Cell Line Model. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 701-712.	1.7	25
3135	Autophagy in the fat body cells of the cave cricket <i>Troglophilus neglectus</i> Krauss, 1878 (Rhaphidophoridae, Saltatoria) during overwintering. <i>Protoplasma</i> , 2016, 253, 457-466.	1.0	29
3136	Treatment with Trehalose Prevents Behavioral and Neurochemical Deficits Produced in an AAV β -Synuclein Rat Model of Parkinsonâ€™s Disease. <i>Molecular Neurobiology</i> , 2016, 53, 2258-2268.	1.9	104
3137	Autophagy response in the liver of pigeon exposed to avermectin. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12767-12777.	2.7	17
3138	Effects of Estrogen and Phytoestrogen Treatment on an In Vitro Model of Recurrent Stroke on HT22 Neuronal Cell Line. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 405-416.	1.7	20
3139	Nitric oxideâ€“induced autophagy and the activation of activated protein kinase pathway protect against apoptosis in human dental pulp cells. <i>International Endodontic Journal</i> , 2017, 50, 260-270.	2.3	20
3140	Lithium limits trimethyltinâ€“induced cytotoxicity and proinflammatory response in microglia without affecting the concurrent autophagy impairment. <i>Journal of Applied Toxicology</i> , 2017, 37, 207-213.	1.4	14
3141	Autophagy and autoimmunity. <i>Clinical Immunology</i> , 2017, 176, 55-62.	1.4	96
3142	Adipocyte Fatty Acid Binding Protein Potentiates Toxic Lipids-Induced Endoplasmic Reticulum Stress in Macrophages via Inhibition of Janus Kinase 2-dependent Autophagy. <i>Scientific Reports</i> , 2017, 7, 40657.	1.6	26
3143	Extracellular Signal-Regulated Kinase/Nuclear Factor-Erythroid2-like2/Heme Oxygenase-1 Pathway-Mediated Mitophagy Alleviates Traumatic Brain Injury-Induced Intestinal Mucosa Damage and Epithelial Barrier Dysfunction. <i>Journal of Neurotrauma</i> , 2017, 34, 2119-2131.	1.7	55
3144	Immune and metabolic responses in early and late sepsis during mild dietary zinc restriction. <i>Journal of Surgical Research</i> , 2017, 210, 47-58.	0.8	6
3145	VCP cooperates with UBXD1 to degrade mitochondrial outer membrane protein MCL1 in model of Huntington's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 552-559.	1.8	32
3146	Molecular links among non-biodegradable nanoparticles, reactive oxygen species, and autophagy. <i>Advanced Drug Delivery Reviews</i> , 2017, 122, 65-73.	6.6	44
3147	Molecular Mechanisms of Noncanonical Autophagy. <i>International Review of Cell and Molecular Biology</i> , 2017, 328, 1-23.	1.6	32
3148	Sigma 2 receptor expression levels in blood and bladder from healthy and bladder cancer cattle. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 1503-1512.	0.8	3
3149	IAPP modulates cellular autophagy, apoptosis, and extracellular matrix metabolism in human intervertebral disc cells. <i>Cell Death Discovery</i> , 2017, 3, 16107.	2.0	36
3150	Immunohistochemical Detection of the Autophagy Markers LC3 and p62/SQSTM1 in Formalin-Fixed and Paraffin-Embedded Tissue. <i>Methods in Molecular Biology</i> , 2017, 1560, 189-194.	0.4	25
3151	Baicalein Induces Beclin 1- and Extracellular Signal-Regulated Kinase-Dependent Autophagy in Ovarian Cancer Cells. <i>The American Journal of Chinese Medicine</i> , 2017, 45, 123-136.	1.5	32

#	ARTICLE	IF	CITATIONS
3152	Ferroptosis and cell death mechanisms in Parkinson's disease. <i>Neurochemistry International</i> , 2017, 104, 34-48.	1.9	260
3153	HMGB1-induced autophagy: a new pathway to maintain Treg function during chronic hepatitis B virus infection. <i>Clinical Science</i> , 2017, 131, 381-394.	1.8	30
3154	The E3 ubiquitin ligase NEDD4 is an LC3-interactive protein and regulates autophagy. <i>Autophagy</i> , 2017, 13, 522-537.	4.3	67
3155	Intracellular fate of <i>Ureaplasma parvum</i> entrapped by host cellular autophagy. <i>MicrobiologyOpen</i> , 2017, 6, e00441.	1.2	18
3156	Killing colon cancer cells through PCD pathways by a novel hyaluronic acid-modified shell-core nanoparticle loaded with RIP3 in combination with chloroquine. <i>Biomaterials</i> , 2017, 124, 195-210.	5.7	57
3157	Autophagy influences the low-dose hyper-radiosensitivity of human lung adenocarcinoma cells by regulating MLH1. <i>International Journal of Radiation Biology</i> , 2017, 93, 600-606.	1.0	7
3158	Ubiquitin ligase SYVN1/HRD1 facilitates degradation of the SERPINA1 Z variant/ α -1-antitrypsin Z variant via SQSTM1/p62-dependent selective autophagy. <i>Autophagy</i> , 2017, 13, 686-702.	4.3	47
3159	Inhibition of ROS production, autophagy or apoptosis signaling reversed the anticancer properties of <i>Antrodia salmonea</i> in triple-negative breast cancer (MDA-MB-231) cells. <i>Food and Chemical Toxicology</i> , 2017, 103, 1-17.	1.8	41
3160	Cancer Cell Mitochondria Targeting by Pancreatistatin Analogs is Dependent on Functional Complex II and III. <i>Scientific Reports</i> , 2017, 7, 42957.	1.6	30
3161	Measurement of Autophagy by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2017, 1553, 209-216.	0.4	9
3162	Puerarin provides a neuroprotection against transient cerebral ischemia by attenuating autophagy at the ischemic penumbra in neurons but not in astrocytes. <i>Neuroscience Letters</i> , 2017, 643, 45-51.	1.0	34
3163	ATG4B contains a C-terminal LIR motif important for binding and efficient cleavage of mammalian orthologs of yeast Atg8. <i>Autophagy</i> , 2017, 13, 834-853.	4.3	84
3164	Generation and Characterization of Knock-in Mouse Models Expressing Versions of Huntingtin with Either an N17 or a Combined PolyQ and Proline-Rich Region Deletion. <i>Journal of Huntington's Disease</i> , 2017, 6, 47-62.	0.9	9
3165	Chromium contributes to human bronchial epithelial cell carcinogenesis by activating Gli2 and inhibiting autophagy. <i>Toxicology Research</i> , 2017, 6, 324-332.	0.9	16
3166	TPT1 (tumor protein, translationally-controlled 1) negatively regulates autophagy through the BECN1 interactome and an MTORC1-mediated pathway. <i>Autophagy</i> , 2017, 13, 820-833.	4.3	32
3167	The Role of Autophagy in Cancer. <i>Annual Review of Cancer Biology</i> , 2017, 1, 19-39.	2.3	158
3168	Autophagy is dispensable for <i>Kmt2a/Mll-Mllt3/Af9</i> AML maintenance and anti-leukemic effect of chloroquine. <i>Autophagy</i> , 2017, 13, 955-966.	4.3	43
3169	Role of hypoxia-inducible factor-1 α in autophagic cell death in microglial cells induced by hypoxia. <i>Molecular Medicine Reports</i> , 2017, 15, 2097-2105.	1.1	26

#	ARTICLE	IF	CITATIONS
3170	Neuroprotective effects of Kukoamine A on neurotoxin-induced Parkinson's model through apoptosis inhibition and autophagy enhancement. <i>Neuropharmacology</i> , 2017, 117, 352-363.	2.0	49
3171	The role of NLRP3-CASP1 in inflammasome-mediated neuroinflammation and autophagy dysfunction in manganese-induced, hippocampal-dependent impairment of learning and memory ability. <i>Autophagy</i> , 2017, 13, 914-927.	4.3	165
3172	Effects of probiotic <i>Bacillus</i> as a substitute for antibiotics on antioxidant capacity and intestinal autophagy of piglets. <i>AMB Express</i> , 2017, 7, 52.	1.4	42
3173	Autophagosomes cooperate in the degradation of intracellular C-terminal fragments of the amyloid precursor protein via the MVB/lysosomal pathway. <i>FASEB Journal</i> , 2017, 31, 2446-2459.	0.2	47
3174	A switch from canonical to noncanonical autophagy shapes B cell responses. <i>Science</i> , 2017, 355, 641-647.	6.0	88
3175	Regulatory cross-talk determines the cellular levels of 53BP1 protein, a critical factor in DNA repair. <i>Journal of Biological Chemistry</i> , 2017, 292, 5992-6003.	1.6	22
3176	Berberine inhibits palmitate-induced NLRP3 inflammasome activation by triggering autophagy in macrophages: A new mechanism linking berberine to insulin resistance improvement. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 864-874.	2.5	74
3177	Inhibition of autophagy enhances Hydroquinone-induced TK6 cell death. <i>Toxicology in Vitro</i> , 2017, 41, 123-132.	1.1	12
3178	Electroacupuncture preconditioning and postconditioning inhibit apoptosis and neuroinflammation induced by spinal cord ischemia reperfusion injury through enhancing autophagy in rats. <i>Neuroscience Letters</i> , 2017, 642, 136-141.	1.0	19
3179	Disruption of melanosome transport in melanocytes treated with theophylline causes their degradation by autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 126-130.	1.0	20
3180	Aberrant PTEN expression in response to progesterone reduces endometriotic stromal cell apoptosis. <i>Reproduction</i> , 2017, 153, 11-21.	1.1	15
3181	The exponential growth of autophagy-related research: from the humble yeast to the Nobel Prize. <i>FEBS Letters</i> , 2017, 591, 681-689.	1.3	33
3182	New findings of silica nanoparticles induced ER autophagy in human colon cancer cell. <i>Scientific Reports</i> , 2017, 7, 42591.	1.6	38
3183	Sirt3 confers protection against neuronal ischemia by inducing autophagy: Involvement of the AMPK-mTOR pathway. <i>Free Radical Biology and Medicine</i> , 2017, 108, 345-353.	1.3	120
3184	Antitumor agent 25-epi Ritterostatin GN1N induces endoplasmic reticulum stress and autophagy mediated cell death in melanoma cells. <i>International Journal of Oncology</i> , 2017, 50, 1482-1490.	1.4	7
3185	Biochemical Methods to Monitor Autophagic Responses in Plants. <i>Methods in Enzymology</i> , 2017, 588, 497-513.	0.4	11
3186	Moderate therapeutic hypothermia induces multimodal protective effects in oxygen-glucose deprivation/reperfusion injured cardiomyocytes. <i>Mitochondrion</i> , 2017, 35, 1-10.	1.6	19
3187	Autophagy and TrkC/NT-3 signaling joined forces boost the hypoxic glioblastoma cell survival. <i>Carcinogenesis</i> , 2017, 38, 592-603.	1.3	28

#	ARTICLE	IF	CITATIONS
3188	Role of autophagy in the progression of osteoarthritis: The autophagy inhibitor, 3-methyladenine, aggravates the severity of experimental osteoarthritis. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1224-1232.	1.8	57
3189	Licoricidin inhibits the growth of SW480 human colorectal adenocarcinoma cells in vitro and in vivo by inducing cycle arrest, apoptosis and autophagy. <i>Toxicology and Applied Pharmacology</i> , 2017, 326, 25-33.	1.3	52
3190	Janus Kinase 2 Regulates Transcription Factor EB Expression and Autophagy Completion in Glomerular Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2641-2653.	3.0	21
3191	PPAR- δ agonist rosiglitazone reduces autophagy and promotes functional recovery in experimental traumatic spinal cord injury. <i>Neuroscience Letters</i> , 2017, 650, 89-96.	1.0	22
3192	Food for thought: Autophagy researcher wins 2016 Nobel Prize in Physiology or Medicine. <i>Biomedical Journal</i> , 2017, 40, 1-4.	1.4	3
3193	Apigenin-induced lysosomal degradation of β -catenin in Wnt/ β -catenin signaling. <i>Scientific Reports</i> , 2017, 7, 372.	1.6	46
3194	Horning cell self-digestion: Autophagy wins the 2016 Nobel Prize in Physiology or Medicine. <i>Biomedical Journal</i> , 2017, 40, 5-8.	1.4	8
3195	Antitumor effect of sunitinib in human prostate cancer cells functions via autophagy. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1285-1294.	0.8	18
3196	Activation of TLR7 Inhibition of <i>Mycobacterium Tuberculosis</i> Survival by Autophagy in RAW 264.7 Macrophages. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4222-4229.	1.2	17
3197	Effect of the Serum Inhibited Gene (Si1) on Autophagy and Apoptosis in MCF-7 Breast Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 2268-2278.	1.1	7
3198	Inhibition of cell proliferation and induction of autophagy by KDM2B/FBXL10 knockdown in gastric cancer cells. <i>Cellular Signalling</i> , 2017, 36, 222-229.	1.7	32
3199	Activated Akt/mTOR-autophagy in local T cells of oral lichen planus. <i>International Immunopharmacology</i> , 2017, 48, 84-90.	1.7	29
3200	Autophagy Activation Alleviates Amyloid- β -Induced Oxidative Stress, Apoptosis and Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. <i>Neurotoxicity Research</i> , 2017, 32, 351-361.	1.3	44
3201	Identification of CLN6 as a molecular entity of endoplasmic reticulum-driven anti-aggregate activity. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 917-922.	1.0	7
3202	Polymer- β -KLAK Peptide Conjugates Induce Cancer Cell Death through Synergistic Effects of Mitochondria Damage and Autophagy Blockage. <i>Bioconjugate Chemistry</i> , 2017, 28, 1709-1721.	1.8	18
3203	Polyphenols, autophagy and doxorubicin-induced cardiotoxicity. <i>Life Sciences</i> , 2017, 180, 160-170.	2.0	105
3204	Hydrogen Peroxide-Induced Change in Meat Quality of the Breast Muscle of Broilers Is Mediated by ROS Generation, Apoptosis, and Autophagy in the NF- κ B Signal Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3986-3994.	2.4	62
3205	Luminescent Zinc Complexes as Bioprobes for Imaging Molecular Events in Live Cells. , 2017, , 1-53.		13

#	ARTICLE	IF	CITATIONS
3206	Mild MPP+ exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation. <i>Scientific Reports</i> , 2017, 7, 46668.	1.6	9
3207	Insights into links between autophagy and the ubiquitin system from the structure of LC3B bound to the LIR motif from the E3 ligase NEDD4. <i>Protein Science</i> , 2017, 26, 1674-1680.	3.1	18
3208	Non-thermal plasma induces a stress response in mesothelioma cells resulting in increased endocytosis, lysosome biogenesis and autophagy. <i>Free Radical Biology and Medicine</i> , 2017, 108, 904-917.	1.3	77
3209	Loss of WDFY3 ameliorates severity of serum transfer-induced arthritis independently of autophagy. <i>Cellular Immunology</i> , 2017, 316, 61-69.	1.4	1
3210	Dopamine elevates intracellular zinc concentration in cultured rat embryonic cortical neurons through the cAMP-nitric oxide signaling cascade. <i>Molecular and Cellular Neurosciences</i> , 2017, 82, 35-45.	1.0	7
3211	Polyglutamine tracts regulate beclin 1-dependent autophagy. <i>Nature</i> , 2017, 545, 108-111.	13.7	288
3212	Effect of mTHPC-mediated photodynamic therapy on 5-fluorouracil resistant human colorectal cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1063-1070.	1.6	6
3213	The emergence of noncoding RNAs as Heracles in autophagy. <i>Autophagy</i> , 2017, 13, 1004-1024.	4.3	85
3214	Reactive gamma-ketoaldehydes as novel activators of hepatic stellate cells in vitro. <i>Free Radical Biology and Medicine</i> , 2017, 102, 162-173.	1.3	11
3215	A functional nanocarrier that copenetrates extracellular matrix and multiple layers of tumor cells for sequential and deep tumor autophagy inhibitor and chemotherapeutic delivery. <i>Autophagy</i> , 2017, 13, 359-370.	4.3	15
3216	Genetic ablation or pharmacologic inhibition of autophagy mitigated NSAID-associated gastric damages. <i>Journal of Molecular Medicine</i> , 2017, 95, 405-416.	1.7	9
3217	Receptor for advanced glycation end product blockade enhances the chemotherapeutic effect of cisplatin in tongue squamous cell carcinoma by reducing autophagy and modulating the Wnt pathway. <i>Anti-Cancer Drugs</i> , 2017, 28, 187-196.	0.7	10
3218	Semen modulated secretory activity of oviductal epithelial cells is linked to cellular proteostasis network remodeling: Proteomic insights into the early phase of interaction in the oviduct in vivo. <i>Journal of Proteomics</i> , 2017, 163, 14-27.	1.2	5
3219	Mild hypothermia protects hippocampal neurons against oxygen-glucose deprivation/reperfusion-induced injury by improving lysosomal function and autophagic flux. <i>Experimental Cell Research</i> , 2017, 358, 147-160.	1.2	30
3220	Differential variations of autophagy and apoptosis in permanent focal cerebral ischaemia rat model. <i>Brain Injury</i> , 2017, 31, 1151-1158.	0.6	11
3221	A triterpenoidal saponin fraction of <i>Conyza blinii</i> H.L.Ä.©v. is a dual-targeting autophagy inhibitor for HeLa cells. <i>RSC Advances</i> , 2017, 7, 24291-24297.	1.7	13
3222	Inhibiting p21-Activated Kinase Induces Cell Death in Vestibular Schwannoma and Meningioma via Mitotic Catastrophe. <i>Otology and Neurotology</i> , 2017, 38, 139-146.	0.7	5
3223	Defects in autophagosome-lysosome fusion underlie Vici syndrome, a neurodevelopmental disorder with multisystem involvement. <i>Scientific Reports</i> , 2017, 7, 3552.	1.6	46

#	ARTICLE	IF	CITATIONS
3224	Induced pluripotent stem cell-based modeling of neurodegenerative diseases: a focus on autophagy. <i>Journal of Molecular Medicine</i> , 2017, 95, 705-718.	1.7	18
3225	Phototrophy and starvation-based induction of autophagy upon removal of Gcn5-catalyzed acetylation of Atg7 in <i>Magnaporthe oryzae</i> . <i>Autophagy</i> , 2017, 13, 1318-1330.	4.3	64
3226	Interleukin 6 protects pancreatic β^2 cells from apoptosis by stimulation of autophagy. <i>FASEB Journal</i> , 2017, 31, 4140-4152.	0.2	78
3227	LC3-association with the parasitophorous vacuole membrane of <i>Plasmodium berghei</i> liver stages follows a noncanonical autophagy pathway. <i>Cellular Microbiology</i> , 2017, 19, e12754.	1.1	46
3228	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
3229	Effects of Gui Zhu Yi Kun formula on the P53/AMPK pathway of autophagy in granulosa cells of rats with polycystic ovary syndrome. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 3567-3573.	0.8	18
3230	Tetrandrine triggers an alternative autophagy in DU145 cells. <i>Oncology Letters</i> , 2017, 13, 3734-3738.	0.8	9
3231	Overweight in elderly people induces impaired autophagy in skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2017, 110, 31-41.	1.3	49
3232	Specific localization of LC3B in autophagosome: A correlative labelling study with nanoparticle in oral squamous cell carcinoma. <i>Experimental and Molecular Pathology</i> , 2017, 102, 422-427.	0.9	5
3233	WIPI3 and WIPI4 β^2 -propellers are scaffolds for LKB1-AMPK-TSC signalling circuits in the control of autophagy. <i>Nature Communications</i> , 2017, 8, 15637.	5.8	156
3234	Role of Atg5-dependent cell death in the embryonic development of Bax/Bak double-knockout mice. <i>Cell Death and Differentiation</i> , 2017, 24, 1598-1608.	5.0	79
3235	The double faced role of copper in Al^{3+} homeostasis: A survey on the interrelationship between metal dyshomeostasis, UPS functioning and autophagy in neurodegeneration. <i>Coordination Chemistry Reviews</i> , 2017, 347, 1-22.	9.5	39
3236	Regulatory effects of autophagy on spermatogenesis. <i>Biology of Reproduction</i> , 2017, 96, 525-530.	1.2	59
3237	From the Cover: Activation of NF- β -Autophagy Axis by 2-Hydroxyethyl Methacrylate Commits Dental Mesenchymal Cells to Apoptosis. <i>Toxicological Sciences</i> , 2017, 157, 100-111.	1.4	7
3238	Dual inhibition of BDNF/TrkB and autophagy: a promising therapeutic approach for colorectal cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2610-2622.	1.6	16
3239	MITA modulated autophagy flux promotes cell death in breast cancer cells. <i>Cellular Signalling</i> , 2017, 35, 73-83.	1.7	17
3240	ATP13A2/PARK9 regulates endo-/lysosomal cargo sorting and proteostasis through a novel PI(3, Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 1	1.4	48
3241	A novel AHI-1-BCR-ABL-DNM2 complex regulates leukemic properties of primitive CML cells through enhanced cellular endocytosis and ROS-mediated autophagy. <i>Leukemia</i> , 2017, 31, 2376-2387.	3.3	21

#	ARTICLE	IF	CITATIONS
3242	Gastrin activates autophagy and increases migration and survival of gastric adenocarcinoma cells. <i>BMC Cancer</i> , 2017, 17, 68.	1.1	29
3243	An essential role of intestinal cell kinase in lung development is linked to the perinatal lethality of human <i>ECO</i> syndrome. <i>FEBS Letters</i> , 2017, 591, 1247-1257.	1.3	18
3244	Human-derived fusogenic peptides for the intracellular delivery of proteins. <i>Journal of Controlled Release</i> , 2017, 255, 1-11.	4.8	33
3245	Nuclear factor erythroid 2-related factor 2 enhances carcinogenesis by suppressing apoptosis and promoting autophagy in nickel-transformed cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 8315-8330.	1.6	20
3246	The <i>SAC</i> 1 domain in synaptojanin is required for autophagosome maturation at presynaptic terminals. <i>EMBO Journal</i> , 2017, 36, 1392-1411.	3.5	174
3247	Development of LC 3/ GABARAP sensors containing a LIR and a hydrophobic domain to monitor autophagy. <i>EMBO Journal</i> , 2017, 36, 1100-1116.	3.5	57
3248	Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. <i>EMBO Reports</i> , 2017, 18, 765-780.	2.0	59
3249	Analysis for Science Librarians of the 2016 Nobel Prize in Physiology or Medicine: The Life and Work of Yoshinori Ohsumi. <i>Science and Technology Libraries</i> , 2017, 36, 1-19.	0.8	2
3250	Protocols for Assessing Mitophagy in Neuronal Cell Lines and Primary Neurons. <i>Neuromethods</i> , 2017, 123, 249-277.	0.2	10
3251	Light-Up Mitophagy in Live Cells with Dual-Functional Theranostic Phosphorescent Iridium(III) Complexes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13304-13314.	4.0	81
3252	Essential Roles of L-Type Amino Acid Transporter 1 in Syncytiotrophoblast Development by Presenting Fusogenic 4F2hc. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	43
3253	Hypoxic preconditioning-induced autophagy enhances survival of engrafted endothelial progenitor cells in ischaemic limb. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2452-2464.	1.6	27
3254	Lack of Activation of Mitophagy during Endurance Exercise in Human. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1552-1561.	0.2	33
3255	Autophagic flux control in neurodegeneration: Progress and precision targeting "Where do we stand?. <i>Progress in Neurobiology</i> , 2017, 153, 64-85.	2.8	65
3256	NAADP-mediated Ca ²⁺ signaling promotes autophagy and protects against LPS-induced liver injury. <i>FASEB Journal</i> , 2017, 31, 3126-3137.	0.2	33
3257	Autophagy Mechanisms for Brain Recovery. Keep It Clean, Keep It Alive. <i>Contemporary Clinical Neuroscience</i> , 2017, , 35-53.	0.3	0
3258	LRRK2 and Autophagy. <i>Advances in Neurobiology</i> , 2017, 14, 89-105.	1.3	54
3259	Activation of autophagy by elevated reactive oxygen species rather than released silver ions promotes cytotoxicity of polyvinylpyrrolidone-coated silver nanoparticles in hematopoietic cells. <i>Nanoscale</i> , 2017, 9, 5489-5498.	2.8	64

#	ARTICLE	IF	CITATIONS
3260	Autophagy impacts on oxaliplatin-induced hepatocarcinoma apoptosis via the IL-17/IL-17R-JAK2/STAT3 signaling pathway. <i>Oncology Letters</i> , 2017, 13, 770-776.	0.8	33
3261	New insights into autophagosome-lysosome fusion. <i>Journal of Cell Science</i> , 2017, 130, 1209-1216.	1.2	368
3262	Autophagy determines efficiency of liver-directed gene therapy with adeno-associated viral vectors. <i>Hepatology</i> , 2017, 66, 252-265.	3.6	35
3263	Bacterial secretion system skews the fate of Legionella-containing vacuoles towards LC3-associated phagocytosis. <i>Scientific Reports</i> , 2017, 7, 44795.	1.6	36
3264	Ubiquitylation of p62/sequestosome1 activates its autophagy receptor function and controls selective autophagy upon ubiquitin stress. <i>Cell Research</i> , 2017, 27, 657-674.	5.7	143
3265	Inhibition of autophagy with bafilomycin and chloroquine decreases mitochondrial quality and bioenergetic function in primary neurons. <i>Redox Biology</i> , 2017, 11, 73-81.	3.9	188
3266	Silibinin ameliorates A β 25-35-induced memory deficits in rats by modulating autophagy and attenuating neuroinflammation as well as oxidative stress. <i>Neurochemical Research</i> , 2017, 42, 1073-1083.	1.6	48
3267	Roles of p62 in BDNF-dependent autophagy suppression and neuroprotection against mitochondrial dysfunction in rat cortical neurons. <i>Journal of Neurochemistry</i> , 2017, 140, 845-861.	2.1	37
3268	Fluorescence-based ATG8 sensors monitor localization and function of LC3/GABARAP proteins. <i>EMBO Journal</i> , 2017, 36, 549-564.	3.5	49
3269	Autophagy wins the 2016 Nobel Prize in Physiology or Medicine: Breakthroughs in baker's yeast fuel advances in biomedical research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 201-205.	3.3	131
3270	Autophagy and Akt/CREB signalling play an important role in the neuroprotective effect of nimodipine in a rat model of vascular dementia. <i>Behavioural Brain Research</i> , 2017, 325, 79-86.	1.2	52
3271	SNAPIN is critical for lysosomal acidification and autophagosome maturation in macrophages. <i>Autophagy</i> , 2017, 13, 285-301.	4.3	26
3272	Efficacy of an autophagy-targeted DNA vaccine against avian leukosis virus subgroup J. <i>Vaccine</i> , 2017, 35, 808-813.	1.7	14
3273	Quantification of Phosphatidylinositol Phosphate Species in Purified Membranes. <i>Methods in Enzymology</i> , 2017, 587, 271-291.	0.4	1
3274	Infectious Bursal Disease Virus Subverts Autophagic Vacuoles To Promote Viral Maturation and Release. <i>Journal of Virology</i> , 2017, 91, .	1.5	20
3275	Dedicated SNAREs and specialized TRIM cargo receptors mediate secretory autophagy. <i>EMBO Journal</i> , 2017, 36, 42-60.	3.5	247
3276	Chaperone-mediated autophagy promotes lung cancer cell survival through selective stabilization of the pro-survival protein, MCL1. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1334-1340.	1.0	25
3277	Autophagic targeting and avoidance in intracellular bacterial infections. <i>Current Opinion in Microbiology</i> , 2017, 35, 36-41.	2.3	22

#	ARTICLE	IF	CITATIONS
3278	Curcumin inhibits the development of non-small cell lung cancer by inhibiting autophagy and apoptosis. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5075-5080.	0.8	19
3279	Anti-Parkinsonian effects of Î²-amylin are regulated via LGG-1 involved autophagy pathway in <i>Caenorhabditis elegans</i> . <i>Phytomedicine</i> , 2017, 36, 118-125.	2.3	41
3280	Post-embryonic changes in the hindgut of honeybee <i>Apis mellifera</i> workers: Morphology, cuticle deposition, apoptosis, and cell proliferation. <i>Developmental Biology</i> , 2017, 431, 194-204.	0.9	9
3281	A comparative study of changes of autophagy in rat models of CLP versus LPS induced sepsis. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2194-2200.	0.8	5
3282	Tctex1 plays a key role in the Î±-synuclein autophagy lysosomal degradation pathway. <i>Neuroscience Letters</i> , 2017, 661, 90-95.	1.0	2
3283	Secretory Autophagy in Cancer-Associated Fibroblasts Promotes Head and Neck Cancer Progression and Offers a Novel Therapeutic Target. <i>Cancer Research</i> , 2017, 77, 6679-6691.	0.4	139
3284	MicroRNA-320 regulates autophagy in retinoblastoma by targeting hypoxia inducible factor-1Î±. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2367-2372.	0.8	27
3285	Autophagy protects auditory hair cells against neomycin-induced damage. <i>Autophagy</i> , 2017, 13, 1884-1904.	4.3	195
3286	MicroRNA-148a-3p enhances cisplatin cytotoxicity in gastric cancer through mitochondrial fission induction and cyto-protective autophagy suppression. <i>Cancer Letters</i> , 2017, 410, 212-227.	3.2	108
3287	Phosphoinositide-specific phospholipase CÎ³1 inhibition induces autophagy in human colon cancer and hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2017, 7, 13912.	1.6	20
3288	Different in vitro cellular responses to tamoxifen treatment in polydimethylsiloxane-based devices compared to normal cell culture. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1068-1069, 105-111.	1.2	3
3289	A Comprehensive High-Resolution Targeted Workflow for the Deep Profiling of Sphingolipids. <i>Analytical Chemistry</i> , 2017, 89, 12480-12487.	3.2	32
3290	Silica sub-microspheres induce autophagy in an endocytosis dependent manner. <i>RSC Advances</i> , 2017, 7, 12496-12502.	1.7	11
3291	Antimony trichloride induces a loss of cell viability via reactive oxygen species-dependent autophagy in A549 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 93, 32-40.	1.2	26
3292	How to get rid of mitochondria: crosstalk and regulation of multiple mitophagy pathways. <i>Biological Chemistry</i> , 2017, 399, 29-45.	1.2	77
3293	Co-delivery of autophagy inhibitor ATG7 siRNA and docetaxel for breast cancer treatment. <i>Journal of Controlled Release</i> , 2017, 266, 272-286.	4.8	78
3294	The induction of apoptosis and autophagy in human hepatoma SMMC-7721 cells by combined treatment with vitamin C and polysaccharides extracted from <i>Grifola frondosa</i> . <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 1461-1472.	2.2	19
3295	Cancer-Specific Energy Metabolism in Rhabdomyosarcoma Cells Is Regulated by MicroRNA. <i>Nucleic Acid Therapeutics</i> , 2017, 27, 365-377.	2.0	18

#	ARTICLE	IF	CITATIONS
3296	Ehrlichia Activation of Wnt-PI3K-mTOR Signaling Inhibits Autolysosome Generation and Autophagic Destruction by the Mononuclear Phagocyte. <i>Infection and Immunity</i> , 2017, 85, .	1.0	29
3297	Avian metapneumovirus subgroup C induces autophagy through the ATF6 UPR pathway. <i>Autophagy</i> , 2017, 13, 1709-1721.	4.3	22
3298	Targeting COPZ1 non-oncogene addiction counteracts the viability of thyroid tumor cells. <i>Cancer Letters</i> , 2017, 410, 201-211.	3.2	15
3299	WD40-repeat 47, a microtubule-associated protein, is essential for brain development and autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9308-E9317.	3.3	77
3300	Lipid-based DNA/siRNA transfection agents disrupt neuronal bioenergetics and mitophagy. <i>Biochemical Journal</i> , 2017, 474, 3887-3902.	1.7	6
3301	A novel Fer/FerT targeting compound selectively evokes metabolic stress and necrotic death in malignant cells. <i>Nature Communications</i> , 2017, 8, 940.	5.8	14
3302	Immunogenic stress and death of cancer cells: Contribution of antigenicity vs adjuvanticity to immunosurveillance. <i>Immunological Reviews</i> , 2017, 280, 165-174.	2.8	82
3303	Age-Dependent Dopaminergic Neurodegeneration and Impairment of the Autophagy-Lysosomal Pathway in LRRK-Deficient Mice. <i>Neuron</i> , 2017, 96, 796-807.e6.	3.8	100
3304	Overexpression of let-7a increases neurotoxicity in a PC12 cell model of Alzheimer's disease via regulating autophagy. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 3688-3698.	0.8	18
3305	Pachymic acid promotes induction of autophagy related to IGF-1 signaling pathway in WI-38 cells. <i>Phytomedicine</i> , 2017, 36, 82-87.	2.3	13
3306	Intracellular Fate of Nanoparticles with Polydopamine Surface Engineering and a Novel Strategy for Exocytosis-Inhibiting, Lysosome Impairment-Based Cancer Therapy. <i>Nano Letters</i> , 2017, 17, 6790-6801.	4.5	143
3307	Protective effect of autophagy in neural ischemia and hypoxia: Negative regulation of the Wnt/ β -catenin pathway. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1699-1708.	1.8	29
3308	Autophagy is required for gamete differentiation in the moss <i>Physcomitrella patens</i> . <i>Autophagy</i> , 2017, 13, 1939-1951.	4.3	47
3309	Autophagy-monitoring and autophagy-deficient mice. <i>Autophagy</i> , 2017, 13, 1619-1628.	4.3	248
3310	Rab35 GTPase recruits NDP52 to autophagy targets. <i>EMBO Journal</i> , 2017, 36, 2790-2807.	3.5	71
3311	Taurine Attenuates As2O3-Induced Autophagy in Cerebrum of Mouse Through Nrf2 Pathway. <i>Advances in Experimental Medicine and Biology</i> , 2017, 975 Pt 2, 863-870.	0.8	8
3312	LC3-Associated Phagocytosis and Inflammation. <i>Journal of Molecular Biology</i> , 2017, 429, 3561-3576.	2.0	207
3313	Reactive oxygen species trigger Parkin/PINK1 pathway-dependent mitophagy by inducing mitochondrial recruitment of Parkin. <i>Journal of Biological Chemistry</i> , 2017, 292, 16697-16708.	1.6	166

#	ARTICLE	IF	CITATIONS
3314	Intermittent fasting preserves beta-cell mass in obesity-induced diabetes via the autophagy-lysosome pathway. <i>Autophagy</i> , 2017, 13, 1952-1968.	4.3	131
3315	Down-Regulation of Lncrna MALAT1 Attenuates Neuronal Cell Death Through Suppressing Beclin1-Dependent Autophagy by Regulating Mir-30a in Cerebral Ischemic Stroke. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 182-194.	1.1	160
3316	Induction of autophagy by an oleanolic acid derivative, SZC017, promotes ROS-dependent apoptosis through Akt and JAK2/STAT3 signaling pathway in human lung cancer cells. <i>Cell Biology International</i> , 2017, 41, 1367-1378.	1.4	21
3317	Antitumor properties of Coenzyme Q0 against human ovarian carcinoma cells via induction of ROS-mediated apoptosis and cytoprotective autophagy. <i>Scientific Reports</i> , 2017, 7, 8062.	1.6	36
3318	A novel HIF-1 α /VMP1-autophagic pathway induces resistance to photodynamic therapy in colon cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1631-1642.	1.6	48
3319	Fangchinoline accumulates autophagosomes by inhibiting autophagic degradation and promoting TFEB nuclear translocation. <i>RSC Advances</i> , 2017, 7, 42597-42605.	1.7	5
3320	Dual Mechanism of Action of 5-Nitro-1,10-Phenanthroline against <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	38
3321	Molecular mechanisms of anticancer effects of Glucosamine. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1051-1058.	2.5	52
3322	Fluoride-Induced Autophagy via the Regulation of Phosphorylation of Mammalian Targets of Rapamycin in Mice Leydig Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8966-8976.	2.4	42
3323	All-trans retinoic acid enhances temozolomide-induced autophagy in human glioma cells U251 via targeting Keap1/Nrf2/ARE signaling pathway. <i>Oncology Letters</i> , 2017, 14, 2709-2714.	0.8	19
3324	The two-pore channel TPC1 is required for efficient protein processing through early and recycling endosomes. <i>Scientific Reports</i> , 2017, 7, 10038.	1.6	40
3325	Analysis of Plant Autophagy. <i>Methods in Molecular Biology</i> , 2017, 1662, 267-280.	0.4	7
3326	Ultrastructural features of aberrant glial cells isolated from the spinal cord of paralytic rats expressing the amyotrophic lateral sclerosis-linked SOD1G93A mutation. <i>Cell and Tissue Research</i> , 2017, 370, 391-401.	1.5	33
3327	A reversible phospho-switch mediated by ULK1 regulates the activity of autophagy protease ATG4B. <i>Nature Communications</i> , 2017, 8, 294.	5.8	119
3328	Lactoferrin promotes autophagy via AMP-activated protein kinase activation through low-density lipoprotein receptor-related protein 1. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 509-513.	1.0	15
3329	The recycling endosome protein RAB-10 promotes autophagic flux and localization of the transmembrane protein ATG-9. <i>Autophagy</i> , 2017, 13, 1742-1753.	4.3	21
3330	BNIP3L-dependent mitophagy accounts for mitochondrial clearance during 3 factors-induced somatic cell reprogramming. <i>Autophagy</i> , 2017, 13, 1543-1555.	4.3	63
3331	Upregulation of connexin 43 and apoptosis-associated protein expression by high glucose in H9c2 cells was improved by resveratrol via the autophagy signaling pathway. <i>Molecular Medicine Reports</i> , 2017, 16, 3262-3268.	1.1	15

#	ARTICLE	IF	CITATIONS
3332	Protoporphyrin IX-mediated sonodynamic therapy promotes autophagy in vascular smooth muscle cells. <i>Oncology Letters</i> , 2017, 14, 2097-2102.	0.8	10
3333	Impaired autophagosome clearance contributes to neuronal death in a piglet model of neonatal hypoxic-ischemic encephalopathy. <i>Cell Death and Disease</i> , 2017, 8, e2919-e2919.	2.7	59
3334	Anti-prostate cancer potential of gossypetin via inducing apoptotic and autophagic cell death. <i>Molecular Carcinogenesis</i> , 2017, 56, 2578-2592.	1.3	15
3335	Proteostasis disturbance in amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2017, 26, R91-R104.	1.4	35
3336	Noncentrosomal microtubules regulate autophagosome transport through CAMSAP2-EB1 cross-talk. <i>FEBS Letters</i> , 2017, 591, 2379-2393.	1.3	6
3337	Alterations in antioxidant system, mitochondrial biogenesis and autophagy in preeclamptic myometrium. <i>BBA Clinical</i> , 2017, 8, 35-42.	4.1	13
3338	Avian reovirus p17 and β A act cooperatively to downregulate Akt by suppressing mTORC2 and CDK2/cyclin A2 and upregulating proteasome PSMB6. <i>Scientific Reports</i> , 2017, 7, 5226.	1.6	24
3339	STUB1 regulates TFEB-induced autophagy-lysosome pathway. <i>EMBO Journal</i> , 2017, 36, 2544-2552.	3.5	164
3340	2,5-Hexanedione induces autophagic death of VSC4.1 cells via a PI3K/Akt/mTOR pathway. <i>Molecular BioSystems</i> , 2017, 13, 1993-2005.	2.9	16
3341	Remodeling of ER exit sites initiates a membrane supply pathway for autophagosome biogenesis. <i>EMBO Reports</i> , 2017, 18, 1586-1603.	2.0	134
3342	Salubrinal protects against toxin B-induced CT26 cell death. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 228-237.	0.9	6
3343	Hepatic lipophagy: New insights into autophagic catabolism of lipid droplets in the liver. <i>Hepatology Communications</i> , 2017, 1, 359-369.	2.0	73
3344	Paths from DNA damage and signaling to genome rearrangements via homologous recombination. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 806, 64-74.	0.4	20
3345	The effect of different acute muscle contraction regimens on the expression of muscle proteolytic signaling proteins and genes. <i>Physiological Reports</i> , 2017, 5, e13364.	0.7	15
3346	Autophagy plays a positive role in zinc-induced apoptosis in intestinal porcine epithelial cells. <i>Toxicology in Vitro</i> , 2017, 44, 392-402.	1.1	19
3347	Decorin-evoked paternally expressed gene 3 (PEG3) is an upstream regulator of the transcription factor EB (TFEB) in endothelial cell autophagy. <i>Journal of Biological Chemistry</i> , 2017, 292, 16211-16220.	1.6	41
3348	Structural transitions in conserved, ordered Beclin 1 domains essential to regulating autophagy. <i>Journal of Biological Chemistry</i> , 2017, 292, 16235-16248.	1.6	10
3349	Compromised autophagy precedes meniscus degeneration and cartilage damage in mice. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1880-1889.	0.6	30

#	ARTICLE	IF	CITATIONS
3350	Microinjection for the <i>ex Vivo</i> Modification of Cells with Artificial Organelles. ACS Nano, 2017, 11, 7758-7769.	7.3	15
3351	Small chaperons and autophagy protected neurons from necrotic cell death. Scientific Reports, 2017, 7, 5650.	1.6	11
3352	Activation of mitophagy leads to decline in Mfn2 and loss of mitochondrial mass in Fuchs endothelial corneal dystrophy. Scientific Reports, 2017, 7, 6656.	1.6	64
3353	An Amish founder mutation disrupts a PI(3)P-WHAMM-Arp2/3 complex-driven autophagosomal remodeling pathway. Molecular Biology of the Cell, 2017, 28, 2492-2507.	0.9	25
3354	Procyanidins from Vitis vinifera seeds induce apoptotic and autophagic cell death via generation of reactive oxygen species in squamous cell carcinoma cells. Oncology Letters, 2017, 14, 1925-1932.	0.8	16
3355	In Vitro Dissection of Autophagy. Current Protocols in Cell Biology, 2017, 77, 11.23.1-11.23.17.	2.3	2
3356	Glucose deprivation induces primary cilium formation through mTORC1 inactivation. Journal of Cell Science, 2018, 131, .	1.2	24
3357	Implications of aging and the endoplasmic reticulum unfolded protein response on the molecular modality of breast cancer. Experimental and Molecular Medicine, 2017, 49, e389-e389.	3.2	30
3358	Autophagy: Nobel Prize in Physiology or Medicine™ 16 to the Intra-Cellular Suicidal Process. The National Academy of Sciences, India, 2017, 40, 461-465.	0.8	1
3359	LincRNA-p21 knockdown enhances radiosensitivity of hypoxic tumor cells by reducing autophagy through HIF-1/Akt/mTOR/P70S6K pathway. Experimental Cell Research, 2017, 358, 188-198.	1.2	49
3360	Expression of autophagy-associated proteins in papillary thyroid carcinoma. Oncology Letters, 2017, 14, 411-415.	0.8	8
3361	Accumulation of autophagosomes confers cytotoxicity. Journal of Biological Chemistry, 2017, 292, 13599-13614.	1.6	122
3362	TFEB-mediated activation of the lysosome-autophagy system affects the transduction efficiency of adeno-associated virus 2. Virology, 2017, 510, 1-8.	1.1	6
3363	Phosphorylation of p62 by AMP-activated protein kinase mediates autophagic cell death in adult hippocampal neural stem cells. Journal of Biological Chemistry, 2017, 292, 13795-13808.	1.6	42
3364	C10ORF10/DEPP-mediated ROS accumulation is a critical modulator of FOXO3-induced autophagy. Molecular Cancer, 2017, 16, 95.	7.9	86
3365	Caspase-1 participates in apoptosis of salivary glands in Rhipicephalus haemaphysaloides. Parasites and Vectors, 2017, 10, 225.	1.0	36
3366	Ochratoxin A-induced autophagy in vitro and in vivo promotes porcine circovirus type 2 replication. Cell Death and Disease, 2017, 8, e2909-e2909.	2.7	38
3367	Black Phosphorus Nanosheets as a Robust Delivery Platform for Cancer Theranostics. Advanced Materials, 2017, 29, 1603276.	11.1	721

#	ARTICLE	IF	CITATIONS
3368	The 1:2 complex between RavZ and LC3 reveals a mechanism for deconjugation of LC3 on the phagophore membrane. <i>Autophagy</i> , 2017, 13, 70-81.	4.3	37
3369	Akt/AMPK/mTOR pathway was involved in the autophagy induced by vitamin E succinate in human gastric cancer SGC-7901 cells. <i>Molecular and Cellular Biochemistry</i> , 2017, 424, 173-183.	1.4	46
3370	Disruption of endolysosomal trafficking pathways in glioma cells by methuosis-inducing indole-based chalcones. <i>Cell Biology and Toxicology</i> , 2017, 33, 263-282.	2.4	28
3371	Delicaflavone induces autophagic cell death in lung cancer via Akt/mTOR/p70S6K signaling pathway. <i>Journal of Molecular Medicine</i> , 2017, 95, 311-322.	1.7	44
3372	Renilla Luciferase-LC3 Based Reporter Assay for Measuring Autophagic Flux. <i>Methods in Enzymology</i> , 2017, 588, 1-13.	0.4	8
3373	L-Lysine suppresses myofibrillar protein degradation and autophagy in skeletal muscles of senescence-accelerated mouse prone 8. <i>Biogerontology</i> , 2017, 18, 85-95.	2.0	14
3374	Let-7i-1c-1 Induced Atg4B Suppression Is Essential for Autophagy of Placental Trophoblast in Preeclampsia. <i>Journal of Cellular Physiology</i> , 2017, 232, 2581-2589.	2.0	27
3375	Mammalian autophagy and the plasma membrane. <i>FEBS Journal</i> , 2017, 284, 672-679.	2.2	57
3376	Simulated microgravity increases myocardial susceptibility to ischemia-reperfusion injury via a deficiency of AMP-activated protein kinase. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 59-71.	0.7	3
3377	The Ubiquitin Receptor ADRM1 Modulates HAP40-Induced Proteasome Activity. <i>Molecular Neurobiology</i> , 2017, 54, 7382-7400.	1.9	13
3378	Autophagy and lysosomal dysfunction: A new insight into mechanism of synergistic pulmonary toxicity of carbon black-metal ions co-exposure. <i>Carbon</i> , 2017, 111, 322-333.	5.4	32
3379	Responsive hetero-organelle partition conferred fluorogenic sensing of mitochondrial depolarization. <i>Chemical Science</i> , 2017, 8, 1915-1921.	3.7	40
3380	Regulation of autophagy by mitochondrial phospholipids in health and diseases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 114-129.	1.2	61
3382	HMGB1 Inhibits Apoptosis Following MI and Induces Autophagy via mTORC1 Inhibition. <i>Journal of Cellular Physiology</i> , 2017, 232, 1135-1143.	2.0	41
3383	ER stress and impaired autophagy flux in neuronal degeneration and brain injury. <i>Ageing Research Reviews</i> , 2017, 34, 3-14.	5.0	152
3384	Prevention of Cyclophilin D-Mediated mPTP Opening Using Cyclosporine-A Alleviates the Elevation of Necroptosis, Autophagy and Apoptosis-Related Markers Following Global Cerebral Ischemia-Reperfusion. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 52-60.	1.1	56
3385	Tauroursodeoxycholic Acid Protects Against Mitochondrial Dysfunction and Cell Death via Mitophagy in Human Neuroblastoma Cells. <i>Molecular Neurobiology</i> , 2017, 54, 6107-6119.	1.9	28
3386	AoAtg26, a putative sterol glucosyltransferase, is required for autophagic degradation of peroxisomes, mitochondria, and nuclei in the filamentous fungus <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 384-395.	0.6	12

#	ARTICLE	IF	CITATIONS
3387	Autophagy in <i>Dictyostelium</i> : Mechanisms, regulation and disease in a simple biomedical model. <i>Autophagy</i> , 2017, 13, 24-40.	4.3	74
3388	Sphingolipids in mitochondria. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 56-68.	1.2	91
3389	IL-33 Exerts Neuroprotective Effect in Mice Intracerebral Hemorrhage Model Through Suppressing Inflammation/Apoptotic/Autophagic Pathway. <i>Molecular Neurobiology</i> , 2017, 54, 3879-3892.	1.9	56
3390	Solasodine Induces Apoptosis, Affects Autophagy, and Attenuates Metastasis in Ovarian Cancer Cells. <i>Planta Medica</i> , 2017, 83, 254-260.	0.7	14
3391	MicroRNA-106a targets autophagy and enhances sensitivity of lung cancer cells to Src inhibitors. <i>Lung Cancer</i> , 2017, 107, 73-83.	0.9	41
3392	OPA1 haploinsufficiency induces a BNIP3-dependent decrease in mitophagy in neurons: relevance to Dominant Optic Atrophy. <i>Journal of Neurochemistry</i> , 2017, 140, 485-494.	2.1	29
3393	Antiviral activities of selected antimalarials against dengue virus type 2 and Zika virus. <i>Antiviral Research</i> , 2017, 137, 141-150.	1.9	77
3394	Tanshinone IIA Affects Autophagy and Apoptosis of Glioma Cells by Inhibiting Phosphatidylinositol 3-Kinase/Akt/Mammalian Target of Rapamycin Signaling Pathway. <i>Pharmacology</i> , 2017, 99, 188-195.	0.9	34
3395	Ubiquitin-coated nanodiamonds bind to autophagy receptors for entry into the selective autophagy pathway. <i>Autophagy</i> , 2017, 13, 187-200.	4.3	24
3396	Mechanisms of Cell Death in the Developing Brain. , 2017, , 76-85.e4.		1
3397	ANGPTL8 negatively regulates NF- κ B activation by facilitating selective autophagic degradation of IKK β . <i>Nature Communications</i> , 2017, 8, 2164.	5.8	89
3398	Effects of dimethyl carbonate-induced autophagic activation on follicular development in the mouse ovary. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5981-5989.	0.8	8
3399	Inhibition of autophagy delays motoneuron degeneration and extends lifespan in a mouse model of spinal muscular atrophy. <i>Cell Death and Disease</i> , 2017, 8, 3223.	2.7	37
3400	Oxidized low-density lipoprotein-induced p62/SQSTM1 accumulation in THP1-derived macrophages promotes IL-18 secretion and cell death. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5417-5423.	0.8	6
3401	Cowden syndrome-associated germline succinate dehydrogenase complex subunit D (SDHD) variants cause PTEN-mediated down-regulation of autophagy in thyroid cancer cells. <i>Human Molecular Genetics</i> , 2017, 26, 1365-1375.	1.4	14
3402	Small-molecule TFEB pathway agonists that ameliorate metabolic syndrome in mice and extend <i>C. elegans</i> lifespan. <i>Nature Communications</i> , 2017, 8, 2270.	5.8	121
3403	Effects of ginkgol C17:1 on cisplatin-induced autophagy and apoptosis in HepG2 cells. <i>Oncology Letters</i> , 2017, 15, 1021-1029.	0.8	11
3404	Di-n-butyl phthalate induced hypospadias relates to autophagy in genital tubercle via the PI3K/Akt/mTOR pathway. <i>Journal of Occupational Health</i> , 2017, 59, 8-16.	1.0	23

#	ARTICLE	IF	CITATIONS
3405	Expression of Autophagy-Related Proteins in H ₄₆₀ Cell Neoplasm Is Different from That in Follicular Neoplasm. <i>Disease Markers</i> , 2017, 2017, 1-8.	0.6	3
3406	Autophagy promotes degradation of polyethyleneimine–alginate nanoparticles in endothelial progenitor cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6661-6675.	3.3	16
3407	Axonal Protection by Ripasudil, a Rho Kinase Inhibitor, via Modulating Autophagy in TNF-Induced Optic Nerve Degeneration. , 2017, 58, 5056.		18
3408	In Vitro and In Vivo Anti-tumoral Effects of the Flavonoid Apigenin in Malignant Mesothelioma. <i>Frontiers in Pharmacology</i> , 2017, 8, 373.	1.6	61
3409	New Insights into the Potential Roles of 3-Iodothyronamine (TIAM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. <i>Frontiers in Pharmacology</i> , 2017, 8, 905.	1.6	34
3410	Autophagy Is Rapidly Induced by Salt Stress and Is Required for Salt Tolerance in Arabidopsis. <i>Frontiers in Plant Science</i> , 2017, 8, 1459.	1.7	102
3411	N -Methyl- N -Nitrosourea Animal Models for Retinitis Pigmentosa. , 2017, , 117-144.		0
3412	Autophagy was involved in the protective effect of metformin on hyperglycemia-induced cardiomyocyte apoptosis and Connexin43 downregulation in H9c2 cells. <i>International Journal of Medical Sciences</i> , 2017, 14, 698-704.	1.1	43
3413	Iron oxide nanoparticles and induced autophagy in human monocytes. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3993-4005.	3.3	45
3414	Autophagy in the placenta. <i>Obstetrics and Gynecology Science</i> , 2017, 60, 241.	0.6	40
3415	Cytotoxicity induced by carbon nanotubes in experimental malignant glioma. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6005-6026.	3.3	24
3416	A Synthetic Analogue of Neopeltolide, 8,9-Dehydroneopeltolide, Is a Potent Anti-Austerity Agent against Starved Tumor Cells. <i>Marine Drugs</i> , 2017, 15, 320.	2.2	12
3417	Canonical and Non-Canonical Autophagy in HIV-1 Replication Cycle. <i>Viruses</i> , 2017, 9, 270.	1.5	31
3418	Autophagy-related protein 12 associates with anti-apoptotic B cell lymphoma-2 to promote apoptosis in gentamicin-induced inner ear hair cell loss. <i>Molecular Medicine Reports</i> , 2017, 15, 3819-3825.	1.1	3
3419	High-Throughput Quantification of GFP-LC3+ Dots by Automated Fluorescence Microscopy. <i>Methods in Enzymology</i> , 2017, 587, 71-86.	0.4	20
3420	Fisetin Protects PC12 Cells from Tunicamycin-Mediated Cell Death via Reactive Oxygen Species Scavenging and Modulation of Nrf2-Driven Gene Expression, SIRT1 and MAPK Signaling in PC12 Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 852.	1.8	50
3421	FGF2 Attenuates Neural Cell Death via Suppressing Autophagy after Rat Mild Traumatic Brain Injury. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	44
3422	Assays to Monitor Autophagy Progression in Cell Cultures. <i>Cells</i> , 2017, 6, 20.	1.8	50

#	ARTICLE	IF	CITATIONS
3423	Studying Autophagy in Zebrafish. <i>Cells</i> , 2017, 6, 21.	1.8	59
3424	Assessment of Autophagy in Neurons and Brain Tissue. <i>Cells</i> , 2017, 6, 25.	1.8	41
3425	Standard Assays for the Study of Autophagy in the Ex Vivo Retina. <i>Cells</i> , 2017, 6, 37.	1.8	11
3426	The Temporal Pattern, Flux, and Function of Autophagy in Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 466.	1.8	54
3427	Expression of Autophagy-Related Proteins in Different Types of Thyroid Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 540.	1.8	21
3428	Impact of Autophagy in Oncolytic Adenoviral Therapy for Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1479.	1.8	41
3429	Clinical Applications of Autophagy Proteins in Cancer: From Potential Targets to Biomarkers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1496.	1.8	41
3430	Peptide Nucleic Acid Knockdown and Intra-host Cell Complementation of Ehrlichia Type IV Secretion System Effector. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 228.	1.8	18
3431	Legionella RavZ Plays a Role in Preventing Ubiquitin Recruitment to Bacteria-Containing Vacuoles. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 384.	1.8	29
3432	Autophagy Is Impaired in Neutrophils from Streptozotocin-Induced Diabetic Rats. <i>Frontiers in Immunology</i> , 2017, 8, 24.	2.2	17
3433	Autophagy and Autophagy-Related Proteins in CNS Autoimmunity. <i>Frontiers in Immunology</i> , 2017, 8, 165.	2.2	34
3434	Impaired Autophagy and Defective T Cell Homeostasis in Mice with T Cell-Specific Deletion of Receptor for Activated C Kinase 1. <i>Frontiers in Immunology</i> , 2017, 8, 575.	2.2	6
3435	Exome Sequencing Identifies a Novel MAP3K14 Mutation in Recessive Atypical Combined Immunodeficiency. <i>Frontiers in Immunology</i> , 2017, 8, 1624.	2.2	16
3436	Perspective Insights into Disease Progression, Diagnostics, and Therapeutic Approaches in Alzheimer's Disease: A Judicious Update. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 356.	1.7	49
3437	Cell Death in the Developing Brain after Hypoxia-Ischemia. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 248.	1.8	123
3438	ASPP2 Plays a Dual Role in gp120-Induced Autophagy and Apoptosis of Neuroblastoma Cells. <i>Frontiers in Neuroscience</i> , 2017, 11, 150.	1.4	12
3439	GRP78 at the Centre of the Stage in Cancer and Neuroprotection. <i>Frontiers in Neuroscience</i> , 2017, 11, 177.	1.4	166
3440	Impaired Mitophagy Plays a Role in Denervation of Neuromuscular Junctions in ALS Mice. <i>Frontiers in Neuroscience</i> , 2017, 11, 473.	1.4	44

#	ARTICLE	IF	CITATIONS
3441	Autophagy as an Emerging Common Pathomechanism in Inherited Peripheral Neuropathies. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 143.	1.4	31
3442	A new molecular mechanism underlying the EGCG-mediated autophagic modulation of AFP in HepG2 cells. <i>Cell Death and Disease</i> , 2017, 8, e3160-e3160.	2.7	48
3443	Hydrogen Sulfide Inhibits Autophagic Neuronal Cell Death by Reducing Oxidative Stress in Spinal Cord Ischemia Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	1.9	39
3444	Curcumin Induces Autophagy, Apoptosis, and Cell Cycle Arrest in Human Pancreatic Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-13.	0.5	63
3445	Impact on Autophagy and Ultraviolet B Induced Responses of Treatment with the MTOR Inhibitors Rapamycin, Everolimus, Torin 1, and pp242 in Human Keratinocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-21.	1.9	15
3446	The Interrelation between Reactive Oxygen Species and Autophagy in Neurological Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-16.	1.9	61
3447	Use of pHLurorin-mKate2-human LC3 to Monitor Autophagic Responses. <i>Methods in Enzymology</i> , 2017, 587, 87-96.	0.4	10
3448	Wheat germ agglutinin-induced paraptosis-like cell death and protective autophagy is mediated by autophagy-linked FYVE inhibition. <i>Oncotarget</i> , 2017, 8, 91209-91222.	0.8	12
3449	Methods for Measuring Autophagy in Mice. <i>Cells</i> , 2017, 6, 14.	1.8	59
3450	Monitoring and Measuring Autophagy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1865.	1.8	805
3451	Iron deficiency induces autophagy and activates Nrf2 signal through modulating p62/SQSTM1. <i>Biomedical Research</i> , 2017, 38, 343-350.	0.3	21
3452	Autophagy Is an Innate Mechanism Associated with Leprosy Polarization. <i>PLoS Pathogens</i> , 2017, 13, e1006103.	2.1	55
3453	A Yin-Yang 1/miR-30a regulatory circuit modulates autophagy in pancreatic cancer cells. <i>Journal of Translational Medicine</i> , 2017, 15, 211.	1.8	32
3454	A <i>Solanum incanum</i> extract (SR-T100) regresses vulvar condyloma acuminatum and induces distinct autophagic and apoptotic responses in different types of HPV-infected cells. <i>Translational Medicine Communications</i> , 2017, 2, .	0.5	1
3455	Beneficial Effects of Silibinin Against Kainic Acid-induced Neurotoxicity in the Hippocampus <i>in vivo</i> . <i>Experimental Neurobiology</i> , 2017, 26, 266-277.	0.7	22
3456	Defective autophagy is associated with neuronal injury in a mouse model of multiple sclerosis. <i>Bosnian Journal of Basic Medical Sciences</i> , 2017, 17, 95-103.	0.6	29
3457	Autophagy protein LC3 regulates the fibrosis of hypertrophic scar by controlling Bcl-xL in dermal fibroblasts. <i>Oncotarget</i> , 2017, 8, 93757-93770.	0.8	21
3458	The expression of aplysia ras homolog 1 (ARHI) and its inhibitory effect on cell biological behavior in esophageal squamous cell carcinoma. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 1217-1226.	1.0	5

#	ARTICLE	IF	CITATIONS
3459	Dysregulation of autophagy as a common mechanism in lysosomal storage diseases. <i>Essays in Biochemistry</i> , 2017, 61, 733-749.	2.1	138
3460	Cross-over endocytosis of claudins is mediated by interactions via their extracellular loops. <i>PLoS ONE</i> , 2017, 12, e0182106.	1.1	19
3461	CSFV induced mitochondrial fission and mitophagy to inhibit apoptosis. <i>Oncotarget</i> , 2017, 8, 39382-39400.	0.8	56
3462	Estrogen receptor $\hat{1}^2$ ligation inhibits Hodgkin lymphoma growth by inducing autophagy. <i>Oncotarget</i> , 2017, 8, 8522-8535.	0.8	47
3463	In vivo autophagy and biogenesis of autophagosomes within male haploid cells during spermiogenesis. <i>Oncotarget</i> , 2017, 8, 56791-56801.	0.8	17
3464	Lewis y antigen promotes p27 degradation by regulating ubiquitin-proteasome activity. <i>Oncotarget</i> , 2017, 8, 110064-110076.	0.8	6
3465	Efficient cell death induction in human glioblastoma cells by photodynamic treatment with Tetrahydroporphyrin-Tetratosylat (THPTS) and ionizing irradiation. <i>Oncotarget</i> , 2017, 8, 72411-72423.	0.8	15
3466	Measurement of the Activity of the Atg4 Cysteine Proteases. <i>Methods in Enzymology</i> , 2017, 587, 207-225.	0.4	16
3467	Induction of Autophagy in the Hippocampus after Hypoxic Ischemic Injury to Neonatal Rats. <i>Archives of Histology and Cytology</i> , 2017, 77, 13-23.	0.2	1
3468	Effects of MALAT1 on proliferation and apoptosis of human non-small cell lung cancer A549 cells in vitro and tumor xenograft growth in vivo by modulating autophagy. <i>Cancer Biomarkers</i> , 2018, 22, 63-72.	0.8	23
3469	Systems pharmacological analysis of mitochondrial cardiotoxicity induced by selected tyrosine kinase inhibitors. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2018, 45, 401-418.	0.8	9
3470	Role of autophagy in environmental neurotoxicity. <i>Environmental Pollution</i> , 2018, 235, 791-805.	3.7	41
3471	The exoribonuclease Xrn1 is a post-transcriptional negative regulator of autophagy. <i>Autophagy</i> , 2018, 14, 898-912.	4.3	30
3472	Early LC3 lipidation induced by d-limonene does not rely on mTOR inhibition, ERK activation and ROS production and it is associated with reduced clonogenic capacity of SH-SY5Y neuroblastoma cells. <i>Phytomedicine</i> , 2018, 40, 98-105.	2.3	22
3473	ATG4B inhibitor FMK-9a induces autophagy independent on its enzyme inhibition. <i>Archives of Biochemistry and Biophysics</i> , 2018, 644, 29-36.	1.4	36
3474	Polyubiquitin chain-induced p62 phase separation drives autophagic cargo segregation. <i>Cell Research</i> , 2018, 28, 405-415.	5.7	325
3475	Rab7 knockout unveiled regulated autolysosome maturation induced by glutamine starvation. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	28
3476	The cytotoxicity of coxsackievirus B3 is associated with a blockage of autophagic flux mediated by reduced syntaxin 17 expression. <i>Cell Death and Disease</i> , 2018, 9, 242.	2.7	37

#	ARTICLE	IF	CITATIONS
3477	Assessing Autophagy in the Leydig Cells. <i>Methods in Molecular Biology</i> , 2018, 1854, 71-85.	0.4	12
3478	Impaired autophagic flux is associated with the severity of trauma and the role of A2AR in brain cells after traumatic brain injury. <i>Cell Death and Disease</i> , 2018, 9, 252.	2.7	45
3479	Neuronal autophagy and intercellular regulation of homeostasis in the brain. <i>Current Opinion in Neurobiology</i> , 2018, 51, 29-36.	2.0	96
3480	Taurine is an amino acid with the ability to activate autophagy in adipocytes. <i>Amino Acids</i> , 2018, 50, 527-535.	1.2	24
3481	Small Molecular Weight Soybean Protein-Derived Peptides Nutriment Attenuates Rat Burn Injury-Induced Muscle Atrophy by Modulation of Ubiquitin-Proteasome System and Autophagy Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 2724-2734.	2.4	34
3482	Induction of cell killing and autophagy by amphiphilic pyrrolidine derivatives on human pancreatic cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 457-478.	2.6	6
3483	TLR2 and TLR4 play opposite role in autophagy associated with cisplatin-induced acute kidney injury. <i>Clinical Science</i> , 2018, 132, 1725-1739.	1.8	50
3484	Combining high-pressure freezing with pre-embedding immunogold electron microscopy and tomography. <i>Traffic</i> , 2018, 19, 639-649.	1.3	15
3485	Neuronal autophagy and axon degeneration. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2389-2406.	2.4	31
3486	CRISPR/Cas9 Mediated GFP Knock-in at the MAP1LC3B Locus in 293FT Cells Is Better for Bona Fide Monitoring Cellular Autophagy. <i>Biotechnology Journal</i> , 2018, 13, e1700674.	1.8	18
3487	TRIM8 regulated autophagy modulates the level of cleaved Caspase-3 subunit to inhibit genotoxic stress induced cell death. <i>Cellular Signalling</i> , 2018, 48, 1-12.	1.7	23
3488	Autophagy inhibition enhances radiosensitivity of Eca-109 cells via the mitochondrial apoptosis pathway. <i>International Journal of Oncology</i> , 2018, 52, 1853-1862.	1.4	6
3489	A brief history of autophagy from cell biology to physiology and disease. <i>Nature Cell Biology</i> , 2018, 20, 521-527.	4.6	518
3490	Expression and role of autophagy-associated p62 (SQSTM1) in multidrug resistant ovarian cancer. <i>Gynecologic Oncology</i> , 2018, 150, 143-150.	0.6	27
3491	Role of Fibroblast Growth Factor Receptor 2b in the Cross Talk between Autophagy and Differentiation: Involvement of Jun N-Terminal Protein Kinase Signaling. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	7
3492	Pulmonary Exposure to Particulate Matter (PM2.5) Affects the Sensitivity to Myocardial Ischemia/Reperfusion Injury Through Farnesoid-X-Receptor-Induced Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1493-1507.	1.1	17
3493	Autophagy induction by trehalose: Molecular mechanisms and therapeutic impacts. <i>Journal of Cellular Physiology</i> , 2018, 233, 6524-6543.	2.0	106
3494	Testicular developmental impairment caused by flutamide-induced and DEHP-induced cryptorchid rat models is mediated by excessive apoptosis and deficient autophagy. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 507-519.	1.3	15

#	ARTICLE	IF	CITATIONS
3495	A Cascadeâ€Targeting Nanocapsule for Enhanced Photothermal Tumor Therapy with Aid of Autophagy Inhibition. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800121.	3.9	27
3496	Molecular mechanisms of <i>Streptococcus pneumoniae</i> â€targeted autophagy via pneumolysin, Golgiâ€resident Rab41, and Nedd4â€mediated K63â€linked ubiquitination. <i>Cellular Microbiology</i> , 2018, 20, e12846.	1.1	39
3497	Combining chloroquine with RAD001 inhibits tumor growth in a NEN mouse model. <i>Endocrine-Related Cancer</i> , 2018, 25, 677-686.	1.6	14
3498	The expression of autophagy-related proteins within the corpus luteum lifespan in pigs. <i>Domestic Animal Endocrinology</i> , 2018, 64, 9-16.	0.8	19
3499	Oxygen concentration modulates cellular senescence and autophagy in human trophoblast cells. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12826.	1.2	18
3500	Exploring the genetics and non-cell autonomous mechanisms underlying ALS/FTLD. <i>Cell Death and Differentiation</i> , 2018, 25, 648-662.	5.0	55
3501	Lysosomal deposition of copper oxide nanoparticles triggers HUVEC cells death. <i>Biomaterials</i> , 2018, 161, 228-239.	5.7	85
3502	Palladium nanoparticles induce autophagy and autophagic flux blockade in Hela cells. <i>RSC Advances</i> , 2018, 8, 4130-4141.	1.7	16
3503	p62/SQSTM1 promotes rapid ubiquitin conjugation to target proteins after endosome rupture during xenophagy. <i>FEBS Open Bio</i> , 2018, 8, 470-480.	1.0	12
3504	Short-term heat stress results in increased apoptotic signaling and autophagy in oxidative skeletal muscle in <i>Sus scrofa</i> . <i>Journal of Thermal Biology</i> , 2018, 72, 73-80.	1.1	28
3505	Uncovering the Rab5â€Independent Autophagic Trafficking of Influenza A Virus by Quantumâ€Dotâ€Based Singleâ€Virus Tracking. <i>Small</i> , 2018, 14, e1702841.	5.2	22
3506	Metabolomics profiling reveals differential adaptation of major energy metabolism pathways associated with autophagy upon oxygen and glucose reduction. <i>Scientific Reports</i> , 2018, 8, 2337.	1.6	18
3507	MiR-26a-5p regulates cardiac fibroblasts collagen expression by targeting ULK1. <i>Scientific Reports</i> , 2018, 8, 2104.	1.6	48
3508	RAS-related GTPases <i>DIRAS1</i> and <i>DIRAS2</i> induce autophagic cancer cell death and are required for autophagy in murine ovarian cancer cells. <i>Autophagy</i> , 2018, 14, 637-653.	4.3	43
3509	Autophagy Caught in the Act: A Supramolecular FRET Pair Based on an Ultrastable Synthetic Hostâ€Guest Complex Visualizes Autophagosomeâ€Lysosome Fusion. <i>Angewandte Chemie</i> , 2018, 130, 2142-2147.	1.6	20
3510	The ciliary protein RPGRIP1L governs autophagy independently of its proteasome-regulating function at the ciliary base in mouse embryonic fibroblasts. <i>Autophagy</i> , 2018, 14, 567-583.	4.3	46
3511	Knockdown of the mitochondriaâ€localized protein p13 protects against experimental parkinsonism. <i>EMBO Reports</i> , 2018, 19, .	2.0	19
3512	SPHK1-S1PR1-RANKL Axis Regulates the Interactions Between Macrophages and BMSCs in Inflammatory Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1090-1104.	3.1	46

#	ARTICLE	IF	CITATIONS
3514	Targeting autophagy in lymphomas: a double-edged sword?. <i>International Journal of Hematology</i> , 2018, 107, 502-512.	0.7	16
3515	Metastatic prostate cancer-associated P62 inhibits autophagy flux and promotes epithelial to mesenchymal transition by sustaining the level of HDAC6. <i>Prostate</i> , 2018, 78, 426-434.	1.2	33
3516	Respiratory Syncytial Virus Replication Is Promoted by Autophagy-Mediated Inhibition of Apoptosis. <i>Journal of Virology</i> , 2018, 92, .	1.5	69
3517	Induction of mitophagy in the HEI-OC1 auditory cell line and activation of the Atg12/LC3 pathway in the organ of Corti. <i>Hearing Research</i> , 2018, 361, 52-65.	0.9	13
3518	Negative Regulation of the Keap1-Nrf2 Pathway by a p62/Sqstm1 Splicing Variant. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	63
3519	Intact glucose uptake despite deteriorating signaling in adipocytes with high-fat feeding. <i>Journal of Molecular Endocrinology</i> , 2018, 60, 199-211.	1.1	22
3520	Neuroprotective effects of pifithrin- μ against traumatic brain injury in the striatum through suppression of neuroinflammation, oxidative stress, autophagy, and apoptosis. <i>Scientific Reports</i> , 2018, 8, 2368.	1.6	52
3521	Autophagy as a target for glucocorticoid-induced osteoporosis therapy. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2683-2693.	2.4	57
3522	Sorting out "non-canonical" autophagy. <i>EMBO Journal</i> , 2018, 37, .	3.5	5
3523	Autophagy inducers in cancer. <i>Biochemical Pharmacology</i> , 2018, 153, 51-61.	2.0	112
3524	Small fluorescent molecules for monitoring autophagic flux. <i>FEBS Letters</i> , 2018, 592, 559-567.	1.3	64
3525	TP53 is required for BECN1- and ATG5-dependent cell death induced by sphingosine kinase 1 inhibition. <i>Autophagy</i> , 2018, 14, 1-16.	4.3	33
3526	Mitochondrial dynamics, mitophagy and biogenesis in neonatal hypoxic-ischaemic brain injury. <i>FEBS Letters</i> , 2018, 592, 812-830.	1.3	42
3527	Bisphenol A induces DSB-ATM-p53 signaling leading to cell cycle arrest, senescence, autophagy, stress response, and estrogen release in human fetal lung fibroblasts. <i>Archives of Toxicology</i> , 2018, 92, 1453-1469.	1.9	45
3528	Versatility of microglial bioenergetic machinery under starving conditions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 201-214.	0.5	28
3529	Enrichment and Recovery of Mammalian Cells from Contaminated Cultures Using Aqueous Two-Phase Systems. <i>Analytical Chemistry</i> , 2018, 90, 2103-2110.	3.2	16
3530	Temozolomide renders murine cancer cells susceptible to oncolytic adenovirus replication and oncolysis. <i>Cancer Biology and Therapy</i> , 2018, 19, 188-197.	1.5	3
3531	Autophagy limits activation of the inflammasomes. <i>Immunological Reviews</i> , 2018, 281, 62-73.	2.8	129

#	ARTICLE	IF	CITATIONS
3532	Amyloid β -Derived Diffusible Ligands (ADDLs) Induce Abnormal Autophagy Associated with $A\beta$ Aggregation Degree. <i>Journal of Molecular Neuroscience</i> , 2018, 64, 162-174.	1.1	16
3533	Autophagy Caught in the Act: A Supramolecular FRET Pair Based on an Ultrastable Synthetic Host-Guest Complex Visualizes Autophagosome-Lysosome Fusion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2120-2125.	7.2	61
3534	LC3 Immunostaining in the Inferior Olivary Nuclei of Cats With Niemann-Pick Disease Type C1 Is Associated With Patterned Purkinje Cell Loss. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 229-245.	0.9	7
3535	Evolution of tools and methods for monitoring autophagic flux in mammalian cells. <i>Biochemical Society Transactions</i> , 2018, 46, 97-110.	1.6	33
3536	Mechanisms of Metastasis. , 2018, , 1-35.		0
3537	Temporal Pattern and Crosstalk of Necroptosis Markers with Autophagy and Apoptosis Associated Proteins in Ischemic Hippocampus. <i>Neurotoxicity Research</i> , 2018, 34, 79-92.	1.3	31
3538	Effects of tetrahedral DNA nanostructures on autophagy in chondrocytes. <i>Chemical Communications</i> , 2018, 54, 1327-1330.	2.2	62
3539	Lycium barbarum polysaccharide protects diabetic peripheral neuropathy by enhancing autophagy via mTOR/p70S6K inhibition in Streptozotocin-induced diabetic rats. <i>Journal of Chemical Neuroanatomy</i> , 2018, 89, 37-42.	1.0	34
3540	α 12 overexpression induced by miR-16 dysregulation contributes to liver fibrosis by promoting autophagy in hepatic stellate cells. <i>Journal of Hepatology</i> , 2018, 68, 493-504.	1.8	77
3541	Glutamine synthetase mediates sorafenib sensitivity in β -catenin-active hepatocellular carcinoma cells. <i>Experimental and Molecular Medicine</i> , 2018, 50, e421-e421.	3.2	21
3542	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. <i>Circulation Research</i> , 2018, 122, 568-582.	2.0	35
3543	3-O-Glyceryl-2-O-hexyl Ascorbate Suppresses Melanogenesis through Activation of the Autophagy System. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 824-827.	0.6	11
3544	Autophagy and lysosomal pathways in nervous system disorders. <i>Molecular and Cellular Neurosciences</i> , 2018, 91, 167-208.	1.0	22
3545	TLR4-mediated autophagic impairment contributes to neuropathic pain in chronic constriction injury mice. <i>Molecular Brain</i> , 2018, 11, 11.	1.3	39
3546	Prodigiosin stimulates endoplasmic reticulum stress and induces autophagic cell death in glioblastoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2018, 23, 314-328.	2.2	35
3547	Evaluation of autophagy inducers in epithelial cells carrying the Δ F508 mutation of the cystic fibrosis transmembrane conductance regulator CFTR. <i>Cell Death and Disease</i> , 2018, 9, 191.	2.7	19
3548	Autophagy: The multi-purpose bridge in viral infections and host cells. <i>Reviews in Medical Virology</i> , 2018, 28, e1973.	3.9	52
3549	NGAL attenuates renal ischemia/reperfusion injury through autophagy activation and apoptosis inhibition in rats. <i>Chemico-Biological Interactions</i> , 2018, 289, 40-46.	1.7	25

#	ARTICLE	IF	CITATIONS
3550	Reduction of lipid accumulation rescues Biettiâ€™s crystalline dystrophy phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3936-3941.	3.3	46
3551	Patulin induced ROS-dependent autophagic cell death in Human Hepatoma G2 cells. Chemico-Biological Interactions, 2018, 288, 24-31.	1.7	32
3552	EPT1 (selenoprotein I) is critical for the neural development and maintenance of plasmalogen in humans. Journal of Lipid Research, 2018, 59, 1015-1026.	2.0	79
3553	Pro-survival autophagy and cancer cell resistance to therapy. Cancer and Metastasis Reviews, 2018, 37, 749-766.	2.7	116
3554	RET-mediated autophagy suppression as targetable co-dependence in acute myeloid leukemia. Leukemia, 2018, 32, 2189-2202.	3.3	51
3555	Inhibition of mTOR complexes protects cancer cells from glutamine starvation induced cell death by restoring Akt stability. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 2040-2052.	1.8	8
3556	Influenza A virus-induced autophagy contributes to enhancement of virus infectivity by SOD1 downregulation in alveolar epithelial cells. Biochemical and Biophysical Research Communications, 2018, 498, 960-966.	1.0	25
3557	Advanced oxidation protein products inhibit the autophagy of renal tubular epithelial cells. Experimental and Therapeutic Medicine, 2018, 15, 3908-3916.	0.8	8
3558	Bcl-2/E1B-19KD-Interacting Protein 3/Light Chain 3 Interaction Induces Mitophagy in Spinal Cord Injury in Rats Both In Vivo and In Vitro. Journal of Neurotrauma, 2018, 35, 2183-2194.	1.7	11
3559	PINK1/Parkin-mediated mitophagy was activated against 1,4-Benzoquinone-induced apoptosis in HL-60 cells. Toxicology in Vitro, 2018, 50, 217-224.	1.1	22
3560	Exposure and nephrotoxicity concern of bismuth with the occurrence of autophagy. Toxicology and Industrial Health, 2018, 34, 188-199.	0.6	11
3561	Anti-inflammatory activity of Khayandirobilide A from Khaya senegalensis via NF-Î²B, AP-1 and p38 MAPK/Nrf2/HO-1 signaling pathways in lipopolysaccharide-stimulated RAW 264.7 and BV-2 cells. Phytomedicine, 2018, 42, 152-163.	2.3	47
3562	C9orf72 plays a central role in Rab GTPase-dependent regulation of autophagy. Small GTPases, 2018, 9, 399-408.	0.7	45
3563	Mild mitochondrial uncoupling induces HSL/ATGL-independent lipolysis relying on a form of autophagy in 3T3-L1 adipocytes. Journal of Cellular Physiology, 2018, 233, 1247-1265.	2.0	15
3564	Trehalose activates autophagy and decreases proteasome inhibitorâ€™induced endoplasmic reticulum stress and oxidative stressâ€™mediated cytotoxicity in hepatocytes. Hepatology Research, 2018, 48, 94-105.	1.8	21
3565	The role of Runx2 in facilitating autophagy in metastatic breast cancer cells. Journal of Cellular Physiology, 2018, 233, 559-571.	2.0	34
3566	Neuroprotective Effects of Temsirolimus in Animal Models of Parkinsonâ€™s Disease. Molecular Neurobiology, 2018, 55, 2403-2419.	1.9	51
3567	LRWD1 Regulates Microtubule Nucleation and Proper Cell Cycle Progression in the Human Testicular Embryonic Carcinoma Cells. Journal of Cellular Biochemistry, 2018, 119, 314-326.	1.2	13

#	ARTICLE	IF	CITATIONS
3568	Autophagy in neurodegenerative diseases: pathogenesis and therapy. <i>Brain Pathology</i> , 2018, 28, 3-13.	2.1	245
3569	Systemic Analysis of miRNAs in PD Stress Condition: miR-5701 Modulates Mitochondrial-Lysosomal Cross Talk to Regulate Neuronal Death. <i>Molecular Neurobiology</i> , 2018, 55, 4689-4701.	1.9	19
3570	The glucagon-like peptide-1 analogue liraglutide promotes autophagy through the modulation of 5 α -AMP-activated protein kinase in INS-1 β -cells under high glucose conditions. <i>Peptides</i> , 2018, 100, 127-139.	1.2	19
3571	Systematic Analysis of Human Cells Lacking ATG8 Proteins Uncovers Roles for GABARAPs and the CCZ1/MON1 Regulator C18orf8/RMC1 in Macroautophagic and Selective Autophagic Flux. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	95
3572	Autophagy-regulating protease Atg4: structure, function, regulation and inhibition. <i>Journal of Antibiotics</i> , 2018, 71, 72-78.	1.0	119
3573	The Plasmodium liver-stage parasitophorous vacuole: A front-line of communication between parasite and host. <i>International Journal of Medical Microbiology</i> , 2018, 308, 107-117.	1.5	44
3574	Interplay of pathogenic forms of human tau with different autophagic pathways. <i>Aging Cell</i> , 2018, 17, e12692.	3.0	148
3575	Chitosan-Zn Chelate Downregulates TLR4-NF- κ B Signal Pathway of Inflammatory Response and Cell Death-Associated Proteins Compared to Inorganic Zinc. <i>Biological Trace Element Research</i> , 2018, 184, 92-98.	1.9	12
3576	Trehalose protects against oxidative stress by regulating the Keap1-Nrf2 and autophagy pathways. <i>Redox Biology</i> , 2018, 15, 115-124.	3.9	169
3577	Silver nanoparticles induce lysosomal-autophagic defects and decreased expression of transcription factor EB in A549 human lung adenocarcinoma cells. <i>Toxicology in Vitro</i> , 2018, 46, 148-154.	1.1	33
3578	Interplay between FGFR2 β -induced autophagy and phagocytosis: role of PLC γ -mediated signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 668-683.	1.6	8
3579	TLR3 contributes to persistent autophagy and heart failure in mice after myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 395-408.	1.6	34
3580	Ultraviolet B radiation down-regulates ULK1 and ATG7 expression and impairs the autophagy response in human keratinocytes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 152-164.	1.7	21
3581	The regulation of autophagy by calcium signals: Do we have a consensus?. <i>Cell Calcium</i> , 2018, 70, 32-46.	1.1	189
3582	Carbon Monoxide Inhibits Islet Apoptosis <i>via</i> Induction of Autophagy. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1309-1322.	2.5	21
3583	CPTP: A sphingolipid transfer protein that regulates autophagy and inflammasome activation. <i>Autophagy</i> , 2018, 14, 862-879.	4.3	47
3584	In mammalian skeletal muscle, phosphorylation of TOMM22 by protein kinase CSNK2/CK2 controls mitophagy. <i>Autophagy</i> , 2018, 14, 311-335.	4.3	51
3585	Comparative study of two immunity-related GTPase genes in Chinese soft-shell turtle reveals their molecular characteristics and functional activity in immune defense. <i>Developmental and Comparative Immunology</i> , 2018, 81, 63-73.	1.0	3

#	ARTICLE	IF	CITATIONS
3586	Urban fine particulate matter (PM2.5) exposure destroys bloodâ€testis barrier (BTB) integrity through excessive ROS-mediated autophagy. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 302-319.	1.3	71
3587	Alteration of autophagy-related proteins in peripheral blood mononuclear cells of patients with Parkinson's disease. <i>Neurobiology of Aging</i> , 2018, 63, 33-43.	1.5	54
3588	A role for autophagy in longâ€term spatial memory formation in male rodents. <i>Journal of Neuroscience Research</i> , 2018, 96, 416-426.	1.3	38
3589	Macrophage Polarization Alters Postphagocytosis Survivability of the Commensal <i>Streptococcus gordonii</i> . <i>Infection and Immunity</i> , 2018, 86, .	1.0	16
3590	Iron overload induces G1 phase arrest and autophagy in murine preosteoblast cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 6779-6789.	2.0	35
3591	Expression of autophagy-related markers at the surgical margin of oral squamous cell carcinoma correlates with poor prognosis and tumor recurrence. <i>Human Pathology</i> , 2018, 73, 156-163.	1.1	26
3592	Humanin is an endogenous activator of chaperone-mediated autophagy. <i>Journal of Cell Biology</i> , 2018, 217, 635-647.	2.3	71
3593	Autophagy and disease. <i>Journal of Biological Chemistry</i> , 2018, 293, 5425-5430.	1.6	71
3594	Compartmentâ€specific dynamics and functions of autophagy in neurons. <i>Developmental Neurobiology</i> , 2018, 78, 298-310.	1.5	63
3595	Strategies for imaging mitophagy in high-resolution and high-throughput. <i>European Journal of Cell Biology</i> , 2018, 97, 1-14.	1.6	7
3596	Combination of ULK1 and LC3B improve prognosis assessment of hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 195-202.	2.5	33
3597	S-allyl cysteine improves clinical and neuropathological features of experimental autoimmune encephalomyelitis in C57BL/6 mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 557-563.	2.5	17
3598	NUPR1 maintains autolysosomal efflux by activating SNAP25 transcription in cancer cells. <i>Autophagy</i> , 2018, 14, 654-670.	4.3	70
3599	The axonal endoplasmic reticulum: One organelleâ€many functions in development, maintenance, and plasticity. <i>Developmental Neurobiology</i> , 2018, 78, 181-208.	1.5	44
3600	Tetrahydrocurcumin ameliorates homocysteineâ€mediated mitochondrial remodeling in brain endothelial cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 3080-3092.	2.0	25
3601	Luteolin sensitizes human liver cancer cells to TRAILâ€induced apoptosis via autophagy and JNKâ€mediated death receptor 5 upregulation. <i>International Journal of Oncology</i> , 2019, 54, 665-672.	1.4	20
3602	Targeting autophagy in liver cancer. <i>Translational Gastroenterology and Hepatology</i> , 2018, 3, 39-39.	1.5	24
3603	WZYâ€321, a novel evodiamine analog, inhibits glioma cell growth in an autophagyâ€associated manner. <i>Oncology Letters</i> , 2018, 17, 2465-2472.	0.8	7

#	ARTICLE	IF	CITATIONS
3604	SP1 reduces autophagic flux through activating p62 in gastric cancer cells. <i>Molecular Medicine Reports</i> , 2018, 17, 4633-4638.	1.1	19
3605	Resveratrol provides neuroprotective effects through modulation of mitochondrial dynamics and ERK1/2 regulated autophagy. <i>Free Radical Research</i> , 2018, 52, 1371-1386.	1.5	53
3606	Involvement of Beclin1 in axonal protection by short-term hyperglycemia against TNF-induced optic nerve damage. <i>Molecular Medicine Reports</i> , 2018, 18, 5455-5460.	1.1	4
3607	Distinct autophagy-inducing abilities of similar-sized nanoparticles in cell culture and live <i>C. elegans</i> . <i>Nanoscale</i> , 2018, 10, 23059-23069.	2.8	9
3608	LncRNA CASC2 inhibits autophagy and promotes apoptosis in non-small cell lung cancer cells via regulating the miR-214/TRIM16 axis. <i>RSC Advances</i> , 2018, 8, 40846-40855.	1.7	7
3609	MiR-29a inhibited intestinal epithelial cells autophagy partly by decreasing ATG9A in ulcerative colitis. <i>Anti-Cancer Drugs</i> , 2018, 29, 652-659.	0.7	18
3610	The Roles of Autophagy in Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3466.	1.8	631
3611	Mutant UBQLN2P497H in motor neurons leads to ALS-like phenotypes and defective autophagy in rats. <i>Acta Neuropathologica Communications</i> , 2018, 6, 122.	2.4	40
3612	Ischemic Conditions Affect Rerouting of Tau Protein Levels: Evidences for Alteration in Tau Processing and Secretion in Hippocampal Neurons. <i>Journal of Molecular Neuroscience</i> , 2018, 66, 604-616.	1.1	11
3613	A hPSC-based platform to discover gene-environment interactions that impact human $\hat{2}$ -cell and dopamine neuron survival. <i>Nature Communications</i> , 2018, 9, 4815.	5.8	29
3614	Induction of N-Ras degradation by flunarizine-mediated autophagy. <i>Scientific Reports</i> , 2018, 8, 16932.	1.6	16
3615	An ATG16L1-dependent pathway promotes plasma membrane repair and limits <i>Listeria monocytogenes</i> cell-to-cell spread. <i>Nature Microbiology</i> , 2018, 3, 1472-1485.	5.9	57
3616	STING-mediated type-I interferons contribute to the neuroinflammatory process and detrimental effects following traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 323.	3.1	95
3618	RACK1 promotes tumorigenicity of colon cancer by inducing cell autophagy. <i>Cell Death and Disease</i> , 2018, 9, 1148.	2.7	54
3619	Annexin A1-suppressed autophagy promotes nasopharyngeal carcinoma cell invasion and metastasis by PI3K/AKT signaling activation. <i>Cell Death and Disease</i> , 2018, 9, 1154.	2.7	79
3620	HSPB8 overexpression prevents disruption of blood-brain barrier by promoting autophagic flux after cerebral ischemia/reperfusion injury. <i>Journal of Neurochemistry</i> , 2019, 148, 97-113.	2.1	35
3621	TI-VAMP/VAMP7-SNARE-Rab-GTPase interaction network within a ciliary membrane targeting complex. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	20
3622	Human granulocytes undergo cell death via autophagy. <i>Cell Death Discovery</i> , 2018, 4, 111.	2.0	7

#	ARTICLE	IF	CITATIONS
3623	TRPM7 and MagT1 in the osteogenic differentiation of human mesenchymal stem cells in vitro. <i>Scientific Reports</i> , 2018, 8, 16195.	1.6	20
3624	NGF-Dependent Changes in Ubiquitin Homeostasis Trigger Early Cholinergic Degeneration in Cellular and Animal AD-Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 487.	1.8	12
3625	Omi/HtrA2 Participates in Age-Related Autophagic Deficiency in Rat Liver. , 2018, 9, 1031.		14
3626	Influenza A Virus NS1 Protein Suppresses JNK1-Dependent Autophagosome Formation Mediated by Rab11a Recycling Endosomes. <i>Frontiers in Microbiology</i> , 2018, 9, 3120.	1.5	12
3627	Autophagy flux inhibition mediated by celastrol sensitized lung cancer cells to TRAIL-induced apoptosis via regulation of mitochondrial transmembrane potential and reactive oxygen species. <i>Molecular Medicine Reports</i> , 2019, 19, 984-993.	1.1	13
3628	Î±-lipoic acid protects against carbon tetrachloride-induced liver cirrhosis through the suppression of the TGFÎ²2/Smad3 pathway and autophagy. <i>Molecular Medicine Reports</i> , 2019, 19, 841-850.	1.1	8
3629	Coenzyme Q10 protects against hyperlipidemia-induced cardiac damage in apolipoprotein E-deficient mice. <i>Lipids in Health and Disease</i> , 2018, 17, 279.	1.2	31
3630	Iron oxide nanozyme suppresses intracellular <i>Salmonella</i> Enteritidis growth and alleviates infection in vivo. <i>Theranostics</i> , 2018, 8, 6149-6162.	4.6	91
3631	Dysregulated autophagy contributes to caspase-dependent neuronal apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 1189.	2.7	58
3632	Chemical Biology Strategies to Study Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 160.	1.8	5
3633	Mitochondrial Fission Is Required for Blue Light-Induced Apoptosis and Mitophagy in Retinal Neuronal R28 Cells. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 432.	1.4	28
3634	The Multifaceted Roles of Autophagy in Flavivirus-Host Interactions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3940.	1.8	46
3635	HMGB1/autophagy pathway mediates the atrophic effect of TGFÎ²1 in denervated skeletal muscle. <i>Cell Communication and Signaling</i> , 2018, 16, 97.	2.7	29
3636	Crosstalk of oxidative damage, apoptosis, and autophagy under endoplasmic reticulum (ER) stress involved in thifluzamide-induced liver damage in zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2018, 243, 1904-1911.	3.7	31
3637	Deubiquitinase Usp12 functions noncatalytically to induce autophagy and confer neuroprotection in models of Huntington's disease. <i>Nature Communications</i> , 2018, 9, 3191.	5.8	47
3638	Nicotinamide Phosphoribosyltransferase Inhibitor APO866 Prevents IL-1Î²-Induced Human Nucleus Pulposus Cell Degeneration via Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 2463-2482.	1.1	27
3639	Autophagic effects and mechanisms of silver nanoparticles in renal cells under low dose exposure. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 71-77.	2.9	23
3640	Role of p62/SQSTM1 in lipopolysaccharide (LPS)-induced mucus hypersecretion in bronchial epithelial cells. <i>Life Sciences</i> , 2018, 211, 270-278.	2.0	5

#	ARTICLE	IF	CITATIONS
3641	ROS-induced HSP70 promotes cytoplasmic translocation of high-mobility group box 1b and stimulates antiviral autophagy in grass carp kidney cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 17387-17401.	1.6	50
3642	Methods for Detection of Autophagy in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2018, 2045, 245-258.	0.4	24
3643	17 β -estradiol protects INS-1 insulinoma cells from mitophagy via G protein-coupled estrogen receptors and the PI3K/Akt signaling pathway. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2839-2846.	1.8	20
3644	Salinomycin ameliorates oxidative hepatic damage through AMP-activated protein kinase, facilitating autophagy. <i>Toxicology and Applied Pharmacology</i> , 2018, 360, 141-149.	1.3	8
3645	Combination of pristimerin and paclitaxel additively induces autophagy in human breast cancer cells via ERK1/2 regulation. <i>Molecular Medicine Reports</i> , 2018, 18, 4281-4288.	1.1	26
3646	DEHP exposure destroys blood-testis barrier (BTB) integrity of immature testes through excessive ROS-mediated autophagy. <i>Genes and Diseases</i> , 2018, 5, 263-274.	1.5	71
3647	Antimicrobial peptide LL-37 forms complex with bacterial DNA to facilitate blood translocation of bacterial DNA and aggravate ulcerative colitis. <i>Science Bulletin</i> , 2018, 63, 1364-1375.	4.3	12
3648	Loperamide, pimozone, and STF-62247 trigger autophagy-dependent cell death in glioblastoma cells. <i>Cell Death and Disease</i> , 2018, 9, 994.	2.7	49
3649	Autophagic Regulation of Cardiomyocyte Survival and Heart Regeneration. <i>Pancreatic Islet Biology</i> , 2018, , 101-118.	0.1	0
3650	Atg1-mediated autophagy suppresses tissue degeneration in <i>pink1/parkin</i> mutants by promoting mitochondrial fission in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2018, 29, 3082-3092.	0.9	33
3651	Seeing is believing: methods to monitor vertebrate autophagy <i>in vivo</i> . <i>Open Biology</i> , 2018, 8, .	1.5	32
3652	Modes of Chemically Induced Cell Death. , 2018, , 229-253.		1
3653	Cell Injury and Necrosis. , 2018, , 404-453.		2
3654	Survivin inhibits excessive autophagy in cancer cells but does so independently of its interaction with LC3. <i>Biology Open</i> , 2018, 7, .	0.6	19
3655	Autophagy is positively associated with the accumulation of myeloid-derived suppressor cells in 4-nitroquinoline-oxide-induced oral cancer. <i>Oncology Reports</i> , 2018, 40, 3381-3391.	1.2	19
3656	<sc>ESCRT</sc>-mediated lysosome repair precedes lysophagy and promotes cell survival. <i>EMBO Journal</i> , 2018, 37, .	3.5	228
3657	Autophagy and Stem Cells. <i>Pancreatic Islet Biology</i> , 2018, , 1-20.	0.1	0
3658	Autophagy modulates temozolomide-induced cell death in alveolar Rhabdomyosarcoma cells. <i>Cell Death Discovery</i> , 2018, 4, 52.	2.0	39

#	ARTICLE	IF	CITATIONS
3659	AMPK-dependent autophagy upregulation serves as a survival mechanism in response to Tumor Treating Fields (TTFields). <i>Cell Death and Disease</i> , 2018, 9, 1074.	2.7	65
3660	Role of autophagy in di-2-ethylhexyl phthalate (DEHP)-induced apoptosis in mouse Leydig cells. <i>Environmental Pollution</i> , 2018, 243, 563-572.	3.7	92
3661	Silencing of cadherin-17 enhances apoptosis and inhibits autophagy in colorectal cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 331-337.	2.5	13
3662	Mutational Mtc6p attenuates autophagy and improves secretory expression of heterologous proteins in <i>Kluyveromyces marxianus</i> . <i>Microbial Cell Factories</i> , 2018, 17, 144.	1.9	13
3663	Effect of autophagy-associated proteins on the arecoline-induced liver injury in mice. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 3041-3049.	0.8	4
3664	Changes in the Blood-Brain Barrier Function Are Associated With Hippocampal Neuron Death in a Kainic Acid Mouse Model of Epilepsy. <i>Frontiers in Neurology</i> , 2018, 9, 775.	1.1	25
3665	Citrus peel polymethoxyflavones, sudachitin and nobiletin, induce distinct cellular responses in human keratinocyte HaCaT cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 2064-2071.	0.6	15
3666	Deletion of exons encoding carboxypeptidase domain of <i>Nna1</i> results in Purkinje cell degeneration (<i>pcd</i>) phenotype. <i>Journal of Neurochemistry</i> , 2018, 147, 557-572.	2.1	20
3667	Arsenic induces autophagy in developmental mouse cerebral cortex and hippocampus by inhibiting PI3K/Akt/mTOR signaling pathway: involvement of blood-brain barrier's tight junction proteins. <i>Archives of Toxicology</i> , 2018, 92, 3255-3275.	1.9	79
3668	Autophagic Induction Greatly Enhances <i>Leishmania major</i> Intracellular Survival Compared to <i>Leishmania amazonensis</i> in CBA/J-Infected Macrophages. <i>Frontiers in Microbiology</i> , 2018, 9, 1890.	1.5	20
3669	Role of Capsid Anchor in the Morphogenesis of Zika Virus. <i>Journal of Virology</i> , 2018, 92, .	1.5	33
3670	<i>Porphyromonas gingivalis</i> Induces Apoptosis and Autophagy via ER Stress in Human Umbilical Vein Endothelial Cells. <i>Mediators of Inflammation</i> , 2018, 2018, 1-8.	1.4	30
3671	Autophagy Protects From Uremic Vascular Media Calcification. <i>Frontiers in Immunology</i> , 2018, 9, 1866.	2.2	40
3672	Training state and skeletal muscle autophagy in response to 36 h of fasting. <i>Journal of Applied Physiology</i> , 2018, 125, 1609-1619.	1.2	12
3673	Regulation of Autophagy in Chick Myotubes: Effects of Insulin, Insulin-Like Growth Factor-I, and Amino Acids. <i>Journal of Poultry Science</i> , 2018, 55, 257-262.	0.7	5
3674	Autophagosomal YKT6 is required for fusion with lysosomes independently of syntaxin 17. <i>Journal of Cell Biology</i> , 2018, 217, 2633-2645.	2.3	164
3675	Blocking Autophagy in Oligodendrocytes Limits Functional Recovery after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2018, 38, 5900-5912.	1.7	57
3676	Accelerated lipid catabolism and autophagy are cancer survival mechanisms under inhibited glutaminolysis. <i>Cancer Letters</i> , 2018, 430, 133-147.	3.2	54

#	ARTICLE	IF	CITATIONS
3677	CD24 regulates sorafenib resistance via activating autophagy in hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2018, 9, 646.	2.7	88
3678	Ubiquitination of ABCE1 by NOT4 in Response to Mitochondrial Damage Links Co-translational Quality Control to PINK1-Directed Mitophagy. <i>Cell Metabolism</i> , 2018, 28, 130-144.e7.	7.2	61
3679	Crosstalk between apoptosis and autophagy in prostate epithelial cells under androgen deprivation. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2263-2268.	0.8	2
3680	Spatial, Temporal, and Functional Assessment of LC3-Dependent Autophagy in <i>Shigella flexneri</i> Dissemination. <i>Infection and Immunity</i> , 2018, 86, .	1.0	15
3681	Assessing Autophagic Activity and Aggregate Formation of Mutant Huntingtin in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2018, 1780, 17-29.	0.4	0
3682	Critical Role of Beclin1 in HIV Tat and Morphine-Induced Inflammation and Calcium Release in Glial Cells from Autophagy Deficient Mouse. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 355-370.	2.1	20
3683	Hydrogen sulfide ameliorates rat myocardial fibrosis induced by thyroxine through PI3K/AKT signaling pathway. <i>Endocrine Journal</i> , 2018, 65, 769-781.	0.7	29
3684	Necrosis in human neuronal cells exposed to paraquat. <i>Journal of Toxicological Sciences</i> , 2018, 43, 193-202.	0.7	9
3685	Characters of Ischemic Stroke and Recanalization Arteries. <i>Springer Series in Translational Stroke Research</i> , 2018, , 15-34.	0.1	0
3686	Dual Src and MEK Inhibition Decreases Ovarian Cancer Growth and Targets Tumor Initiating Stem-Like Cells. <i>Clinical Cancer Research</i> , 2018, 24, 4874-4886.	3.2	60
3687	Wnt inhibitory factor-1-mediated autophagy inhibits Wnt/ β 2-catenin signaling by downregulating dishevelled-2 expression in non-small cell lung cancer cells. <i>International Journal of Oncology</i> , 2018, 53, 904-914.	1.4	24
3688	PGC-1 α in exercise and fasting-induced regulation of hepatic UPR in mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 1431-1447.	1.3	12
3689	Foetal-neonatal exposure of Di (2-ethylhexyl) phthalate disrupts ovarian development in mice by inducing autophagy. <i>Journal of Hazardous Materials</i> , 2018, 358, 101-112.	6.5	45
3690	Autophagy Is a Promoter for Aerobic Exercise Performance during High Altitude Training. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	17
3691	Hsp90/Sec22b promotes unconventional secretion of mature-IL-1 β through an autophagosomal carrier in porcine alveolar macrophages during <i>Mycoplasma hyopneumoniae</i> infection. <i>Molecular Immunology</i> , 2018, 101, 130-139.	1.0	11
3692	Chloroquine inhibits autophagic flux by decreasing autophagosome-lysosome fusion. <i>Autophagy</i> , 2018, 14, 1435-1455.	4.3	1,341
3693	Endosomal Rab cycles regulate Parkin-mediated mitophagy. <i>ELife</i> , 2018, 7, .	2.8	113
3694	Macroautophagy and Chaperone-Mediated Autophagy in Heart Failure: The Known and the Unknown. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-22.	1.9	51

#	ARTICLE	IF	CITATIONS
3695	The Expression of Interferon Regulatory Factor 8 in Human Periapical Lesions. <i>Journal of Endodontics</i> , 2018, 44, 1276-1282.	1.4	6
3696	Mitophagy is activated in brain damage induced by cerebral ischemia and reperfusion via the PINK1/Parkin/p62 signalling pathway. <i>Brain Research Bulletin</i> , 2018, 142, 63-77.	1.4	60
3697	Role of autophagy in regulating the immune response of dendritic cells to <i>Talaromyces marneffei</i> infection. <i>Microbial Pathogenesis</i> , 2018, 123, 120-125.	1.3	7
3698	Exercise Training as Therapy for Cancer-Induced Cardiac Cachexia. <i>Trends in Molecular Medicine</i> , 2018, 24, 709-727.	3.5	27
3699	HIV-1 Tat increases BAG3 via NF- κ B signaling to induce autophagy during HIV-associated neurocognitive disorder. <i>Cell Cycle</i> , 2018, 17, 1614-1623.	1.3	18
3700	Aged kidney: can we protect it? Autophagy, mitochondria and mechanisms of ischemic preconditioning. <i>Cell Cycle</i> , 2018, 17, 1291-1309.	1.3	21
3701	Autophagy in normal tissues of camel (<i>Camelus dromedarius</i>) with focus on immunoexpression of LC3 and LC3B. <i>Biotechnic and Histochemistry</i> , 2018, 93, 557-564.	0.7	1
3702	Integrin-based diffusion barrier separates membrane domains enabling the formation of microbiostatic frustrated phagosomes. <i>ELife</i> , 2018, 7, .	2.8	41
3703	Molecular characterization of microtubule-associated protein 1-light chain 3B in <i>Megalobrama amblycephala</i> fed with high fat/berberine diets. <i>Journal of Applied Genetics</i> , 2018, 59, 345-355.	1.0	2
3704	Lactosylated N-Alkyl polyethylenimine coated iron oxide nanoparticles induced autophagy in mouse dendritic cells. <i>International Journal of Energy Production and Management</i> , 2018, 5, 141-149.	1.9	25
3705	Concurrence of autophagy with apoptosis in alveolar epithelial cells contributes to chronic pulmonary toxicity induced by methamphetamine. <i>Cell Proliferation</i> , 2018, 51, e12476.	2.4	18
3706	Benefit of Oleuropein Aglycone for Alzheimer's Disease by Promoting Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	66
3707	Autophagy Modulation in Cancer: Current Knowledge on Action and Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-18.	1.9	154
3708	Autophagy in Stem Cell Biology: A Perspective on Stem Cell Self-Renewal and Differentiation. <i>Stem Cells International</i> , 2018, 2018, 1-12.	1.2	54
3709	Mitochondrial dynamics in cancer-induced cachexia. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 137-150.	3.3	49
3710	Casein kinase 1 β : biological mechanisms and theranostic potential. <i>Cell Communication and Signaling</i> , 2018, 16, 23.	2.7	78
3711	GIMAP6 is required for T cell maintenance and efficient autophagy in mice. <i>PLoS ONE</i> , 2018, 13, e0196504.	1.1	15
3712	Limited effects of dysfunctional macroautophagy on the accumulation of extracellularly derived 1 β -synuclein in oligodendroglia: implications for MSA pathogenesis. <i>BMC Neuroscience</i> , 2018, 19, 32.	0.8	11

#	ARTICLE	IF	CITATIONS
3713	ROS-mediated autophagy through the AMPK signaling pathway protects INS-1 cells from human islet amyloid polypeptide-induced cytotoxicity. <i>Molecular Medicine Reports</i> , 2018, 18, 2744-2752.	1.1	16
3714	Inhibition of autophagy via activation of PI3K/Akt/mTOR pathway contributes to the protection of hesperidin against myocardial ischemia/reperfusion injury. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1917-1924.	1.8	86
3715	The Anti-atherosclerotic Effect of Paeonol against Vascular Smooth Muscle Cell Proliferation by Up-regulation of Autophagy via the AMPK/mTOR Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2017, 8, 948.	1.6	65
3716	The SecA2 pathway of <i>Mycobacterium tuberculosis</i> exports effectors that work in concert to arrest phagosome and autophagosome maturation. <i>PLoS Pathogens</i> , 2018, 14, e1007011.	2.1	98
3717	The Rickettsial Ankyrin Repeat Protein 2 Is a Type IV Secreted Effector That Associates with the Endoplasmic Reticulum. <i>MBio</i> , 2018, 9, .	1.8	42
3718	Ghrelin protects adult rat hippocampal neural stem cells from excessive autophagy during oxygen-glucose deprivation. <i>Endocrine Journal</i> , 2018, 65, 63-73.	0.7	29
3719	Advances in Patient-Specific Induced Pluripotent Stem Cells Shed Light on Drug Discovery for Amyotrophic Lateral Sclerosis. <i>Cell Transplantation</i> , 2018, 27, 1301-1312.	1.2	14
3720	Novel oxazolinoanthracyclines as tumor cell growth inhibitors—Contribution of autophagy and apoptosis in solid tumor cells death. <i>PLoS ONE</i> , 2018, 13, e0201296.	1.1	9
3721	TREM2-Dependent Effects on Microglia in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 202.	1.7	60
3722	Autophagic cell death participates in POMC-induced melanoma suppression. <i>Cell Death Discovery</i> , 2018, 4, 11.	2.0	9
3723	Ischemic Postconditioning Alleviates Cerebral Ischemia-Induced Reperfusion Injury Through Activating Autophagy During Early Reperfusion in Rats. <i>Neurochemical Research</i> , 2018, 43, 1826-1840.	1.6	37
3724	Exercise improves glucose uptake in murine myotubes through the AMPK β 2-mediated induction of Sestrins. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3368-3377.	1.8	18
3725	Signaling Lymphocyte Activation Molecule Family 5 Enhances Autophagy and Fine-Tunes Cytokine Response in Monocyte-Derived Dendritic Cells via Stabilization of Interferon Regulatory Factor 8. <i>Frontiers in Immunology</i> , 2018, 9, 62.	2.2	18
3726	Wnt5A Signaling Promotes Defense Against Bacterial Pathogens by Activating a Host Autophagy Circuit. <i>Frontiers in Immunology</i> , 2018, 9, 679.	2.2	49
3727	Phosphatidylinositol-3 Kinase Inhibitors Regulate Peptidoglycan-Induced Myeloid Leukocyte Recruitment, Inflammation, and Neurotoxicity in Mouse Brain. <i>Frontiers in Immunology</i> , 2018, 9, 770.	2.2	10
3728	AMBRA1-Mediated Mitophagy Counteracts Oxidative Stress and Apoptosis Induced by Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 92.	1.8	57
3729	Association Between Autophagy and Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2018, 12, 255.	1.4	146
3730	Autophagy in Traumatic Brain Injury: A New Target for Therapeutic Intervention. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 190.	1.4	60

#	ARTICLE	IF	CITATIONS
3731	Spatiotemporal alterations of autophagy marker LC3 in rat skin fibroblasts during wound healing process. <i>Fukushima Journal of Medical Sciences</i> , 2018, 64, 15-22.	0.1	15
3732	Temozolomide Enhances Triple-Negative Breast Cancer Virotherapy In Vitro. <i>Cancers</i> , 2018, 10, 144.	1.7	25
3733	TASK-3 Downregulation Triggers Cellular Senescence and Growth Inhibition in Breast Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1033.	1.8	16
3734	Dietary $\hat{\pm}$ -Mangostin Provides Protective Effects against Acetaminophen-Induced Hepatotoxicity in Mice via Akt/mTOR-Mediated Inhibition of Autophagy and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1335.	1.8	26
3735	7-Acetylsinumaximol B Induces Apoptosis and Autophagy in Human Gastric Carcinoma Cells through Mitochondria Dysfunction and Activation of the PERK/eIF2 $\hat{\pm}$ /ATF4/CHOP Signaling Pathway. <i>Marine Drugs</i> , 2018, 16, 104.	2.2	38
3736	Enterovirus Transmission by Secretory Autophagy. <i>Viruses</i> , 2018, 10, 139.	1.5	52
3737	Zika Virus Induces Autophagy in Human Umbilical Vein Endothelial Cells. <i>Viruses</i> , 2018, 10, 259.	1.5	64
3738	Chronic restraint stress induces hippocampal memory deficits by impairing insulin signaling. <i>Molecular Brain</i> , 2018, 11, 37.	1.3	49
3739	Ablation of tau causes an olfactory deficit in a murine model of Parkinson $\hat{\text{a}}^{\text{TM}}$ s disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 57.	2.4	11
3740	Heterogeneity in pneumolysin expression governs the fate of <i>Streptococcus pneumoniae</i> during blood-brain barrier trafficking. <i>PLoS Pathogens</i> , 2018, 14, e1007168.	2.1	41
3741	AMP-Activated Protein Kinase Mediates the Effect of Leptin on Avian Autophagy in a Tissue-Specific Manner. <i>Frontiers in Physiology</i> , 2018, 9, 541.	1.3	22
3742	Protective roles of autophagy in retinal pigment epithelium under high glucose condition via regulating PINK1/Parkin pathway and BNIP3L. <i>Biological Research</i> , 2018, 51, 22.	1.5	27
3743	Acidic stress induces protective autophagy in SGC7901 cells. <i>Journal of International Medical Research</i> , 2018, 46, 3285-3295.	0.4	6
3744	Discovery of the cancer cell selective dual acting anti-cancer agent (Z)-2-(1H-indol-3-yl)-3-(isoquinolin-5-yl)acrylonitrile (A131). <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 344-367.	2.6	12
3745	Non-suckling starvation of neonatal mice promotes primordial follicle formation with activation of ovarian autophagy. <i>Journal of Reproduction and Development</i> , 2018, 64, 89-94.	0.5	16
3746	Experimental Models and Measurement of Autophagy. , 2018, , 53-69.		0
3747	Autophagy and Stroke. , 2018, , 137-148.		1
3748	Autophagy: The Last Defense against Cellular Nutritional Stress. <i>Advances in Nutrition</i> , 2018, 9, 493-504.	2.9	124

#	ARTICLE	IF	CITATIONS
3749	Comprehensive anti-tumor effect of Brusatol through inhibition of cell viability and promotion of apoptosis caused by autophagy via the PI3K/Akt/mTOR pathway in hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 962-973.	2.5	65
3750	An autophagy assay reveals the ESCRT-III component CHMP2A as a regulator of phagophore closure. <i>Nature Communications</i> , 2018, 9, 2855.	5.8	240
3751	Autophagic Removal of Farnesylated Carboxy-Terminal Lamin Peptides. <i>Cells</i> , 2018, 7, 33.	1.8	19
3752	Hydrogen Sulfide Protects Human Cardiac Fibroblasts Against H ₂ O ₂ -induced Injury Through Regulating Autophagy-Related Proteins. <i>Cell Transplantation</i> , 2018, 27, 1222-1234.	1.2	12
3753	Autophagy and Alzheimer's Disease: From Molecular Mechanisms to Therapeutic Implications. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 04.	1.7	285
3754	Resveratrol sensitizes lung cancer cell to TRAIL by p53 independent and suppression of Akt/NF- κ B signaling. <i>Life Sciences</i> , 2018, 208, 208-220.	2.0	46
3755	AIM2 is a potential therapeutic target in human renal carcinoma and suppresses its invasion and metastasis via enhancing autophagy induction. <i>Experimental Cell Research</i> , 2018, 370, 561-570.	1.2	38
3756	Size dependent effects of Gold Nanoparticles in ISO-induced Hyperthyroid Rats. <i>Scientific Reports</i> , 2018, 8, 10960.	1.6	9
3757	AIM/LIR-based fluorescent sensors—new tools to monitor mAtg8 functions. <i>Autophagy</i> , 2018, 14, 1-5.	4.3	6
3758	Short- and long-term effects of leucine and branched-chain amino acid supplementation of a protein- and energy-reduced diet on muscle protein metabolism in neonatal pigs. <i>Amino Acids</i> , 2018, 50, 943-959.	1.2	13
3759	Potentiating bacterial cancer therapy using hydroxychloroquine liposomes. <i>Journal of Controlled Release</i> , 2018, 280, 39-50.	4.8	22
3760	Mitofusin 2 Exerts a Protective Role in Ischemia Reperfusion Injury Through Increasing Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 2311-2324.	1.1	38
3761	Delphinidin induced protective autophagy via mTOR pathway suppression and AMPK pathway activation in HER-2 positive breast cancer cells. <i>BMC Cancer</i> , 2018, 18, 342.	1.1	62
3762	MicroRNA 200c-3p regulates autophagy via upregulation of endoplasmic reticulum stress in PC-3 cells. <i>Cancer Cell International</i> , 2018, 18, 2.	1.8	23
3763	Emerging Roles of Sonic Hedgehog in Adult Neurological Diseases: Neurogenesis and Beyond. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2423.	1.8	31
3764	Pompe Disease: From Basic Science to Therapy. <i>Neurotherapeutics</i> , 2018, 15, 928-942.	2.1	127
3765	The Lactate Dehydrogenase Sequestration Assay — A Simple and Reliable Method to Determine Bulk Autophagic Sequestration Activity in Mammalian Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	11
3766	The Therapeutic Strategy of HDAC6 Inhibitors in Lymphoproliferative Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2337.	1.8	67

#	ARTICLE	IF	CITATIONS
3767	Autophagic response to cellular exposure to titanium dioxide nanoparticles. <i>Acta Biomaterialia</i> , 2018, 79, 354-363.	4.1	32
3768	Human ubiquitin-like proteins as central coordinators in autophagy. <i>Interface Focus</i> , 2018, 8, 20180025.	1.5	9
3769	Lithium as a disease-modifying agent for prion diseases. <i>Translational Psychiatry</i> , 2018, 8, 163.	2.4	9
3770	Autophagy is required for proper meiosis of porcine oocytes maturing in vitro. <i>Scientific Reports</i> , 2018, 8, 12581.	1.6	30
3771	Geraniol Protects Against the Protein and Oxidative Stress Induced by Rotenone in an In Vitro Model of Parkinson's Disease. <i>Neurochemical Research</i> , 2018, 43, 1947-1962.	1.6	39
3772	Ambra1 modulates the sensitivity of breast cancer cells to epirubicin by regulating autophagy via ATG12. <i>Cancer Science</i> , 2018, 109, 3129-3138.	1.7	40
3773	Compensation of select proteostasis networks after Hsp70 inhibition in cancer. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	16
3774	Protective effect of the imidazoline I2 receptor agonist 2-BFI on oxidative cytotoxicity in astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 3011-3016.	1.0	3
3775	Autophagic flux blockage by accumulation of weakly basic tenovins leads to elimination of B-Raf mutant tumour cells that survive vemurafenib. <i>PLoS ONE</i> , 2018, 13, e0195956.	1.1	4
3776	Mitochondrial Complex I Activity Is Required for Maximal Autophagy. <i>Cell Reports</i> , 2018, 24, 2404-2417.e8.	2.9	78
3777	A new platinum-based prodrug candidate: Its anticancer effects in B50 neuroblastoma rat cells. <i>Life Sciences</i> , 2018, 210, 166-176.	2.0	15
3778	Autosomal dominant retinitis pigmentosa-associated gene <i>PRPF8</i> is essential for hypoxia-induced mitophagy through regulating <i>ULK1</i> mRNA splicing. <i>Autophagy</i> , 2018, 14, 1818-1830.	4.3	35
3779	Protein encoded in human telomerase RNA is involved in cell protective pathways. <i>Nucleic Acids Research</i> , 2018, 46, 8966-8977.	6.5	37
3780	A Mixture of Atropisomers Enhances Neutral Lipid Degradation in Mammalian Cells with Autophagy Induction. <i>Scientific Reports</i> , 2018, 8, 12099.	1.6	5
3781	The autophagic response to oxidative stress in osteoarthritic chondrocytes is deregulated. <i>Free Radical Biology and Medicine</i> , 2018, 126, 122-132.	1.3	35
3782	The C-terminal region of ATG101 bridges ULK1 and PtdIns3K complex in autophagy initiation. <i>Autophagy</i> , 2018, 14, 2104-2116.	4.3	40
3783	Genome-wide CRISPR screen identifies <i>TMEM41B</i> as a gene required for autophagosome formation. <i>Journal of Cell Biology</i> , 2018, 217, 3817-3828.	2.3	168
3784	Propofol elicits autophagy via endoplasmic reticulum stress and calcium exchange in C2C12 myoblast cell line. <i>PLoS ONE</i> , 2018, 13, e0197934.	1.1	9

#	ARTICLE	IF	CITATIONS
3785	Knockdown of Linc00515 Inhibits Multiple Myeloma Autophagy and Chemoresistance by Upregulating miR-140-5p and Downregulating ATG14. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2517-2527.	1.1	32
3786	Monitoring autophagy in wheat living cells by visualization of fluorescence protein-tagged ATG8. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 481-489.	1.2	7
3787	Enhanced autophagy contributes to protective effects of IL-22 against acetaminophen-induced liver injury. <i>Theranostics</i> , 2018, 8, 4170-4180.	4.6	48
3788	Autophagy-disrupted LC3 abundance leads to death of supporting cells of human oocytes. <i>Biochemistry and Biophysics Reports</i> , 2018, 15, 107-114.	0.7	14
3789	Potent and specific Atg8-targeting autophagy inhibitory peptides from giant ankyrins. <i>Nature Chemical Biology</i> , 2018, 14, 778-787.	3.9	63
3790	Neuromelanin organelles are specialized autolysosomes that accumulate undegraded proteins and lipids in aging human brain and are likely involved in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2018, 4, 17.	2.5	101
3791	High Glucose Upregulated Vascular Smooth Muscle Endothelin Subtype B Receptors via Inhibition of Autophagy in Rat Superior Mesenteric Arteries. <i>Annals of Vascular Surgery</i> , 2018, 52, 207-215.	0.4	8
3792	Autophagy is essential for maintaining the growth of a human (mini-)organ: Evidence from scalp hair follicle organ culture. <i>PLoS Biology</i> , 2018, 16, e2002864.	2.6	44
3793	Pathological presentation of cardiac mitochondria in a rat model for chronic kidney disease. <i>PLoS ONE</i> , 2018, 13, e0198196.	1.1	15
3794	Chloroquine augments TRAIL-induced apoptosis and induces G2/M phase arrest in human pancreatic cancer cells. <i>PLoS ONE</i> , 2018, 13, e0193990.	1.1	32
3795	Caveolin-1 regulates autophagy activity in thyroid follicular cells and is involved in Hashimoto's thyroiditis disease. <i>Endocrine Journal</i> , 2018, 65, 893-901.	0.7	18
3796	Membrane Trafficking in Autophagy. <i>International Review of Cell and Molecular Biology</i> , 2018, 336, 1-92.	1.6	77
3797	Torpor-arousal cycles in Syrian hamster heart are associated with transient activation of the protein quality control system. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 223, 23-28.	0.7	15
3798	Tissue-Specific Upregulation of Drosophila Insulin Receptor (InR) Mitigates Poly(Q)-Mediated Neurotoxicity by Restoration of Cellular Transcription Machinery. <i>Molecular Neurobiology</i> , 2019, 56, 1310-1329.	1.9	10
3799	Autophagy at the synapse. <i>Neuroscience Letters</i> , 2019, 697, 24-28.	1.0	35
3800	Rapamycin Confers Neuroprotection Against Aging-Induced Oxidative Stress, Mitochondrial Dysfunction, and Neurodegeneration in Old Rats Through Activation of Autophagy. <i>Rejuvenation Research</i> , 2019, 22, 60-70.	0.9	33
3801	Vamorolone treatment improves skeletal muscle outcome in a critical illness myopathy rat model. <i>Acta Physiologica</i> , 2019, 225, e13172.	1.8	18
3802	Mechanisms of selective autophagy and mitophagy: Implications for neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2019, 122, 23-34.	2.1	163

#	ARTICLE	IF	CITATIONS
3803	Inhibition of the ULK1 protein complex suppresses Staphylococcus-induced autophagy and cell death. <i>Journal of Biological Chemistry</i> , 2019, 294, 14289-14307.	1.6	9
3804	The Autophagy in Osteoimmunology: Self-Eating, Maintenance, and Beyond. <i>Frontiers in Endocrinology</i> , 2019, 10, 490.	1.5	33
3805	<i>Marchantia polymorpha</i> , a New Model Plant for Autophagy Studies. <i>Frontiers in Plant Science</i> , 2019, 10, 935.	1.7	19
3806	Co-enzyme Q10 protects primary chicken myocardial cells from heat stress by upregulating autophagy and suppressing the PI3K/AKT/mTOR pathway. <i>Cell Stress and Chaperones</i> , 2019, 24, 1067-1078.	1.2	5
3807	Prosurvival autophagy is regulated by protein kinase CK1 alpha in multiple myeloma. <i>Cell Death Discovery</i> , 2019, 5, 98.	2.0	22
3808	Bisphenol A inhibits autophagosome-lysosome fusion and lipid droplet degradation. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109492.	2.9	35
3809	Estrogen receptor β inhibits breast cancer cells migration and invasion through CLDN6-mediated autophagy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 354.	3.5	87
3810	Multitasking Rab Proteins in Autophagy and Membrane Trafficking: A Focus on Rab33b. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3916.	1.8	32
3811	The Autophagy Signaling Pathway: A Potential Multifunctional Therapeutic Target of Curcumin in Neurological and Neuromuscular Diseases. <i>Nutrients</i> , 2019, 11, 1881.	1.7	35
3812	Guidelines for evaluating myocardial cell death. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H891-H922.	1.5	135
3813	TOM40 Targets Atg2 to Mitochondria-Associated ER Membranes for Phagophore Expansion. <i>Cell Reports</i> , 2019, 28, 1744-1757.e5.	2.9	84
3814	Can We Use 2,3,5-Triphenyltetrazolium Chloride-Stained Brain Slices for Other Purposes? The Application of Western Blotting. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 181.	1.4	23
3815	Osteopontin attenuates early brain injury through regulating autophagy-apoptosis interaction after subarachnoid hemorrhage in rats. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1162-1172.	1.9	30
3816	Role of Autophagy in Zinc Oxide Nanoparticles-Induced Apoptosis of Mouse LEYDIG Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4042.	1.8	61
3817	Overexpression of ribonuclease inhibitor induces autophagy in human colorectal cancer cells via the Akt/mTOR/ULK1 pathway. <i>Molecular Medicine Reports</i> , 2019, 19, 3519-3526.	1.1	3
3818	Assessing Autophagy During Retinoid Treatment of Breast Cancer Cells. <i>Methods in Molecular Biology</i> , 2019, 2019, 237-256.	0.4	4
3819	Adenovirus early region 3 RID β protein limits NF κ B signaling through stress-activated EGF receptors. <i>PLoS Pathogens</i> , 2019, 15, e1008017.	2.1	18
3820	Tumor exosome-based nanoparticles are efficient drug carriers for chemotherapy. <i>Nature Communications</i> , 2019, 10, 3838.	5.8	535

#	ARTICLE	IF	CITATIONS
3821	A Bacterial Effector Reveals the V-ATPase-ATG16L1 Axis that Initiates Xenophagy. <i>Cell</i> , 2019, 178, 552-566.e20.	13.5	212
3822	Oncogenic KIT mutations induce STAT3-dependent autophagy to support cell proliferation in acute myeloid leukemia. <i>Oncogenesis</i> , 2019, 8, 39.	2.1	26
3823	Gas6 is a reciprocal regulator of mitophagy during mammalian oocyte maturation. <i>Scientific Reports</i> , 2019, 9, 10343.	1.6	11
3824	HEMA Effects on Autophagy Mechanism in Human Dental Pulp Stem Cells. <i>Materials</i> , 2019, 12, 2285.	1.3	11
3825	Human ATG4 autophagy proteases counteract attachment of ubiquitin-like LC3/GABARAP proteins to other cellular proteins. <i>Journal of Biological Chemistry</i> , 2019, 294, 12610-12621.	1.6	40
3826	The effects of autophagy on the replication of Nelson Bay orthoreovirus. <i>Virology Journal</i> , 2019, 16, 90.	1.4	2
3827	Simulated microgravity enhances CDDP-induced apoptosis signal via p53-independent mechanisms in cancer cells. <i>PLoS ONE</i> , 2019, 14, e0219363.	1.1	20
3828	Maduramicin inactivation of Akt impairs autophagic flux leading to accumulated autophagosomes-dependent apoptosis in skeletal myoblast cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 114, 105573.	1.2	3
3829	Diverse Cellular Roles of Autophagy. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 453-475.	4.0	250
3831	Methods to detect mitophagy in neurons during disease. <i>Journal of Neuroscience Methods</i> , 2019, 325, 108351.	1.3	5
3832	LC3-positive structures are prominent in autophagy-deficient cells. <i>Scientific Reports</i> , 2019, 9, 10147.	1.6	226
3833	An effective drug sensitizing agent increases gefitinib treatment by down regulating PI3K/Akt/mTOR pathway and up regulating autophagy in non-small cell lung cancer. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109169.	2.5	28
3834	Activation of the autophagy pathway by Torovirus infection is irrelevant for virus replication. <i>PLoS ONE</i> , 2019, 14, e0219428.	1.1	3
3835	Metabolic Basis of Pathogenesis and Host Adaptation in Rice Blast. <i>Annual Review of Microbiology</i> , 2019, 73, 601-619.	2.9	17
3836	Autophagy impairment contributes to PBDE-47-induced developmental neurotoxicity and its relationship with apoptosis. <i>Theranostics</i> , 2019, 9, 4375-4390.	4.6	41
3837	Spleen tyrosine kinase (SYK) blocks autophagic Tau degradation in vitro and in vivo. <i>Journal of Biological Chemistry</i> , 2019, 294, 13378-13395.	1.6	31
3838	ER α promotes A β degradation via the modulation of autophagy. <i>Cell Death and Disease</i> , 2019, 10, 565.	2.7	51
3839	The toxic effects and possible mechanisms of glyphosate on mouse oocytes. <i>Chemosphere</i> , 2019, 237, 124435.	4.2	49

#	ARTICLE	IF	CITATIONS
3840	CYP46A1 gene therapy deciphers the role of brain cholesterol metabolism in Huntington's disease. <i>Brain</i> , 2019, 142, 2432-2450.	3.7	71
3841	Enforced lysosomal biogenesis rescues erythromycin- and clindamycin-induced mitochondria-mediated cell death in human cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 461, 23-36.	1.4	10
3842	The N-Degron Pathway Mediates ER-phagy. <i>Molecular Cell</i> , 2019, 75, 1058-1072.e9.	4.5	96
3843	Astrocyte Specific Remodeling of Plasmalemmal Cholesterol Composition by Ketamine Indicates a New Mechanism of Antidepressant Action. <i>Scientific Reports</i> , 2019, 9, 10957.	1.6	29
3844	Establishment of a system for screening autophagic flux regulators using a modified fluorescent reporter and CRISPR/Cas9. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 686-692.	1.0	8
3845	Induction of DDIT4 Impairs Autophagy Through Oxidative Stress in Dry Eye. , 2019, 60, 2836.		28
3846	The Early Autophagic Pathway Contributes to Osteogenic Differentiation of Human Periodontal Ligament Stem Cells. <i>Journal of Hard Tissue Biology</i> , 2019, 28, 63-70.	0.2	4
3847	Role of Autophagy in Renal Cancer. <i>Journal of Cancer</i> , 2019, 10, 2501-2509.	1.2	40
3848	Autophagy in Skin Diseases. <i>Dermatology</i> , 2019, 235, 380-389.	0.9	44
3849	Isatin inhibits the invasion of human neuroblastoma SH-SY5Y cells, based on microarray analysis. <i>Molecular Medicine Reports</i> , 2019, 20, 1700-1706.	1.1	4
3850	Novel Atg4B inhibitors potentiate cisplatin therapy in lung cancer cells through blockade of autophagy. <i>Computational Toxicology</i> , 2019, 12, 100095.	1.8	4
3851	The autophagy protein ATG9A promotes HIV-1 infectivity. <i>Retrovirology</i> , 2019, 16, 18.	0.9	10
3852	<i>Staphylococcus aureus</i> induces autophagy in bovine mammary epithelial cells and the formation of autophagosomes facilitates intracellular replication of <i>Staph. aureus</i> . <i>Journal of Dairy Science</i> , 2019, 102, 8264-8272.	1.4	27
3853	Effect of Chaihu Shugan Powder-Contained Serum on Glutamate-Induced Autophagy of Interstitial Cells of Cajal in the Rat Gastric Antrum. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-7.	0.5	10
3854	Aggregable Nanoparticles-Enabled Chemotherapy and Autophagy Inhibition Combined with Anti-PD-L1 Antibody for Improved Glioma Treatment. <i>Nano Letters</i> , 2019, 19, 8318-8332.	4.5	142
3855	IL-37 Attenuates Lung Fibrosis by Inducing Autophagy and Regulating TGF- β 1 Production in Mice. <i>Journal of Immunology</i> , 2019, 203, 2265-2275.	0.4	73
3856	Membrane-Associated Enteroviruses Undergo Intercellular Transmission as Pools of Sibling Viral Genomes. <i>Cell Reports</i> , 2019, 29, 714-723.e4.	2.9	28
3857	Interplay between Caspase 9 and X-linked Inhibitor of Apoptosis Protein (XIAP) in the oocyte elimination during fetal mouse development. <i>Cell Death and Disease</i> , 2019, 10, 790.	2.7	6

#	ARTICLE	IF	CITATIONS
3858	The Targeting of RNA Polymerase I Transcription Using CX-5461 in Combination with Radiation Enhances Tumour Cell Killing Effects in Human Solid Cancers. <i>Cancers</i> , 2019, 11, 1429.	1.7	20
3859	d- α -Tocopheryl Polyethylene Glycol 1000 Succinate and a small-molecule Survivin suppressant synergistically induce apoptosis in SKBR3 breast cancer cells. <i>Scientific Reports</i> , 2019, 9, 14375.	1.6	16
3860	Aflatoxin B1 promotes autophagy associated with oxidative stress-related PI3K/AKT/mTOR signaling pathway in mice testis. <i>Environmental Pollution</i> , 2019, 255, 113317.	3.7	64
3861	Artificial tethering of LC3 or p62 to organelles is not sufficient to trigger autophagy. <i>Cell Death and Disease</i> , 2019, 10, 771.	2.7	15
3862	The role of autophagy and mitophagy in cancers. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 281-289.	1.0	17
3863	Autophagy promotes triple negative breast cancer metastasis via YAP nuclear localization. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 263-268.	1.0	41
3864	Identification of Eph receptor signaling as a regulator of autophagy and a therapeutic target in colorectal carcinoma. <i>Molecular Oncology</i> , 2019, 13, 2441-2459.	2.1	11
3865	Visualizing Autophagic Flux during Endothelial Injury with a Pathway-Inspired Tandem-Reaction Based Fluorogenic Probe. <i>Theranostics</i> , 2019, 9, 5672-5680.	4.6	13
3866	The effect of a bout of resistance exercise on skeletal muscle protein metabolism after severe fasting. <i>Physiological Reports</i> , 2019, 7, e14270.	0.7	2
3867	Abundances of autophagy-related protein LC3B in granulosa cells, cumulus cells, and oocytes during atresia of pig antral follicles. <i>Animal Reproduction Science</i> , 2019, 211, 106225.	0.5	12
3868	Protective effects of UFL1 against endoplasmic reticulum stress-induced autophagy in bovine mammary epithelial cells. <i>Cell Stress and Chaperones</i> , 2019, 24, 1115-1125.	1.2	5
3869	Spaotin-A41 Attenuates Cerulein-Induced Acute Pancreatitis through Inhibition of Dysregulated Autophagy. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1789-1798.	0.6	8
3870	Monitoring LC3- or GABARAP-positive autophagic membranes using modified RavZ-based probes. <i>Scientific Reports</i> , 2019, 9, 16593.	1.6	10
3871	Mammalian Atg8 proteins regulate lysosome and autolysosome biogenesis through <sc>SNARE</sc> s. <i>EMBO Journal</i> , 2019, 38, e101994.	3.5	37
3872	Deciphering the Role Played by Autophagy in Leishmania Infection. <i>Frontiers in Immunology</i> , 2019, 10, 2523.	2.2	11
3873	ROS-mediated autophagy increases intracellular iron levels and ferroptosis by ferritin and transferrin receptor regulation. <i>Cell Death and Disease</i> , 2019, 10, 822.	2.7	428
3874	Evidence for Nanoparticle-Induced Lysosomal Dysfunction in Lung Adenocarcinoma (A549) Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5253.	1.8	19
3875	Seneca valley virus activates autophagy through the PERK and ATF6 UPR pathways. <i>Virology</i> , 2019, 537, 254-263.	1.1	38

#	ARTICLE	IF	CITATIONS
3876	Effect of Ovariectomy and Ovarian Hormone Administration on Hepatic Autophagy in Female Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2019, 65, 357-361.	0.2	2
3877	The intestine responds to heart failure by enhanced mitochondrial fusion through glucagon-like peptide-1 signalling. <i>Cardiovascular Research</i> , 2019, 115, 1873-1885.	1.8	15
3878	The BEACH Domain Is Critical for Blue Cheese Function in a Spatial and Epistatic Autophagy Hierarchy. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 129.	1.8	5
3879	Granulovacuolar degeneration bodies are neuron-selective lysosomal structures induced by intracellular tau pathology. <i>Acta Neuropathologica</i> , 2019, 138, 943-970.	3.9	48
3880	Mechanisms and Pathophysiological Roles of the ATG8 Conjugation Machinery. <i>Cells</i> , 2019, 8, 973.	1.8	57
3881	Kalantuboside B induced apoptosis and cytoprotective autophagy in human melanoma A2058 cells: An in vitro and in vivo study. <i>Free Radical Biology and Medicine</i> , 2019, 143, 397-411.	1.3	20
3882	GSK343 induces autophagy and downregulates the AKT/mTOR signaling pathway in pancreatic cancer cells. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 2608-2616.	0.8	11
3883	Notoginsenoside Fc Accelerates Reendothelialization following Vascular Injury in Diabetic Rats by Promoting Endothelial Cell Autophagy. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-16.	1.0	9
3884	Current Progress of Mitochondrial Quality Control Pathways Underlying the Pathogenesis of Parkinson's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	27
3885	PPAR β and mitophagy are involved in hypoxia/reoxygenation-induced renal tubular epithelial cells injury. <i>Journal of Receptor and Signal Transduction Research</i> , 2019, 39, 235-242.	1.3	6
3886	Contribution of transcription factor EB to adipoRon-induced inhibition of arterial smooth muscle cell proliferation and migration. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C1034-C1047.	2.1	9
3887	High-fat and high-cholesterol diet decreases phosphorylated inositol-requiring kinase-1 and inhibits autophagy process in rat liver. <i>Scientific Reports</i> , 2019, 9, 12514.	1.6	11
3888	VDR agonists down regulate PI3K/Akt/mTOR axis and trigger autophagy in Kaposi's sarcoma cells. <i>Heliyon</i> , 2019, 5, e02367.	1.4	9
3889	Dynamic expression of autophagy-related factors in autoimmune encephalomyelitis and exploration of curcumin therapy. <i>Journal of Neuroimmunology</i> , 2019, 337, 577067.	1.1	20
3890	The autophagy gene ATG8 affects morphogenesis and oxidative stress tolerance in <i>Sporisorium scitamineum</i> . <i>Journal of Integrative Agriculture</i> , 2019, 18, 1024-1034.	1.7	9
3891	Activation of TFEB ameliorates dedifferentiation of arterial smooth muscle cells and neointima formation in mice with high-fat diet. <i>Cell Death and Disease</i> , 2019, 10, 676.	2.7	24
3892	Deficiency of the autophagy gene ATG16L1 induces insulin resistance through KLHL9/KLHL13/CUL3-mediated IRS1 degradation. <i>Journal of Biological Chemistry</i> , 2019, 294, 16172-16185.	1.6	22
3893	A Ploidy Increase Promotes Sensitivity of Glioma Stem Cells to Aurora Kinases Inhibition. <i>Journal of Oncology</i> , 2019, 2019, 1-15.	0.6	1

#	ARTICLE	IF	CITATIONS
3894	RAB18 modulates autophagy in human stellate cells. <i>Journal of Clinical Lipidology</i> , 2019, 13, 832-838.	0.6	7
3895	Repeated exposure of cocaine alters mitochondrial dynamics in mouse neuroblastoma Neuro2a. <i>NeuroToxicology</i> , 2019, 75, 70-77.	1.4	13
3896	Iron dysregulation in vascular dementia: Focused on the AMPK/autophagy pathway. <i>Brain Research Bulletin</i> , 2019, 153, 305-313.	1.4	19
3897	The impact of age and frailty on skeletal muscle autophagy markers and specific strength: A cross-sectional comparison. <i>Experimental Gerontology</i> , 2019, 125, 110687.	1.2	22
3898	Involvement of sarco/endoplasmic reticulum calcium ATPase-mediated calcium flux in the protective effect of oleic acid against lipotoxicity in hepatocytes. <i>Experimental Cell Research</i> , 2019, 385, 111651.	1.2	10
3899	Redundancy of human ATG4 protease isoforms in autophagy and LC3/GABARAP processing revealed in cells. <i>Autophagy</i> , 2019, 15, 976-997.	4.3	143
3900	Luteolin suppresses lipopolysaccharide-induced cardiomyocyte hypertrophy and autophagy <i>in vitro</i> . <i>Molecular Medicine Reports</i> , 2019, 19, 1551-1560.	1.1	10
3901	Baicalin Protects Mice Brain From Apoptosis in Traumatic Brain Injury Model Through Activation of Autophagy. <i>Frontiers in Neuroscience</i> , 2018, 12, 1006.	1.4	35
3902	Crosstalk between Fisetin-induced Apoptosis and Autophagy in Human Oral Squamous Cell Carcinoma. <i>Journal of Cancer</i> , 2019, 10, 138-146.	1.2	39
3903	Differential effects of N-acetylcysteine on retinal degeneration in two mouse models of normal tension glaucoma. <i>Cell Death and Disease</i> , 2019, 10, 75.	2.7	33
3904	Bromelain inhibits the ability of colorectal cancer cells to proliferate via activation of ROS production and autophagy. <i>PLoS ONE</i> , 2019, 14, e0210274.	1.1	46
3905	A disease causing ATLASTIN 3 mutation affects multiple endoplasmic reticulum-related pathways. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1433-1445.	2.4	35
3906	Mitochondrial stress triggers a pro-survival response through epigenetic modifications of nuclear DNA. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1397-1417.	2.4	7
3907	Deficiency of apoptosis-inducing protein two of p53 ameliorates acute kidney injury induced by ischemia reperfusion in mice through upregulation of autophagy. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2457-2467.	1.6	16
3908	Inhibition of autophagic flux by cyclometalated iridium(III) complexes through anion transportation. <i>Chemical Science</i> , 2019, 10, 3315-3323.	3.7	46
3909	DRAM is Involved in Hypoxia/Ischemia-Induced Autophagic Apoptosis in Hepatocytes. , 2019, 10, 82.		11
3910	Western blot analysis of the autophagosomal membrane protein LGG-1/LC3 in <i>Caenorhabditis elegans</i> . <i>Methods in Enzymology</i> , 2019, 619, 319-336.	0.4	16
3911	Autophagy and T Cell Aging. , 2019, , 1-20.		0

#	ARTICLE	IF	CITATIONS
3912	A VPS33A-binding motif on syntaxin 17 controls autophagy completion in mammalian cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 4188-4201.	1.6	26
3913	Rottlerin is a pan phosphodiesterase inhibitor and can induce neurodifferentiation in IMR-32 human neuroblastoma cells. <i>European Journal of Pharmacology</i> , 2019, 857, 172448.	1.7	8
3914	Stimulation of Hair Growth by Small Molecules that Activate Autophagy. <i>Cell Reports</i> , 2019, 27, 3413-3421.e3.	2.9	83
3915	SIP/CacyBP promotes autophagy by regulating levels of BRUCE/Apollon, which stimulates LC3-I degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13404-13413.	3.3	40
3916	Progeny Varicella-Zoster Virus Capsids Exit the Nucleus but Never Undergo Secondary Envelopment during Autophagic Flux Inhibition by Bafilomycin A1. <i>Journal of Virology</i> , 2019, 93, .	1.5	10
3917	Jun ^Å n virus induces autophagy in human A549 cells. <i>PLoS ONE</i> , 2019, 14, e0218730.	1.1	10
3918	Gefitinib ^Å mediated apoptosis is enhanced via inhibition of autophagy by chloroquine diphosphate in cutaneous squamous cell carcinoma cells. <i>Oncology Letters</i> , 2019, 18, 368-374.	0.8	7
3919	Aggregation Behavior of Nanoparticle-Peptide Systems Affects Autophagy. <i>Bioconjugate Chemistry</i> , 2019, 30, 1986-1997.	1.8	13
3920	Screening of Crude Drugs Used in Japanese Kampo Formulas for Autophagy-Mediated Cell Survival of the Human Hepatocellular Carcinoma Cell Line. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 63.	0.7	6
3921	Curcumin induced oxidative stress causes autophagy and apoptosis in bovine leucocytes transformed by <i>Theileria annulata</i> . <i>Cell Death Discovery</i> , 2019, 5, 100.	2.0	25
3922	Preserving Lysosomal Function in the Aging Brain: Insights from Neurodegeneration. <i>Neurotherapeutics</i> , 2019, 16, 611-634.	2.1	52
3923	High-Content Autophagy Analysis in iPSC-Derived Neurons Using Immunofluorescence. <i>Methods in Molecular Biology</i> , 2019, 1994, 165-174.	0.4	1
3924	Simultaneous activation of impaired autophagy and the mammalian target of rapamycin pathway in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2019, 48, 705-711.	1.4	3
3925	Autophagy Mediates Astrogenesis in Adult Hippocampal Neural Stem Cells. <i>Experimental Neurobiology</i> , 2019, 28, 229-246.	0.7	21
3926	Parkin-mediated ubiquitination contributes to the constitutive turnover of mitochondrial fission factor (Mff). <i>PLoS ONE</i> , 2019, 14, e0213116.	1.1	11
3927	Regulation of exosomes secretion by low-intensity pulsed ultrasound in lung cancer cells. <i>Experimental Cell Research</i> , 2019, 383, 111448.	1.2	11
3928	Enhanced autophagy induction <i>via</i> the mitochondrial delivery of methylated β -cyclodextrin-threaded polyrotaxanes using a MITO-Porter. <i>Chemical Communications</i> , 2019, 55, 7203-7206.	2.2	30
3929	A Chemical Genetics Screen Reveals Influence of p38 Mitogen-Activated Protein Kinase and Autophagy on Phagosome Development and Intracellular Replication of <i>Brucella neotomae</i> in Macrophages. <i>Infection and Immunity</i> , 2019, 87, .	1.0	8

#	ARTICLE	IF	CITATIONS
3930	Protective effect of potassium 2-(l-hydroxypentyl)-benzoate on hippocampal neurons, synapses and dystrophic axons in APP/PS1 mice. <i>Psychopharmacology</i> , 2019, 236, 2761-2771.	1.5	5
3931	Harnessing Calcium Oxalate (CaOx) Nanocrystal-Induced Prodeath Autophagy for Attenuating Human Renal Proximal Tubular Epithelial Cell Injury. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900083.	1.2	4
3932	A Novel Role for Helicobacter pylori Gamma-Glutamyltranspeptidase in Regulating Autophagy and Bacterial Internalization in Human Gastric Cells. <i>Cancers</i> , 2019, 11, 801.	1.7	14
3933	Jun ^Å Virus Promotes Autophagy To Facilitate the Virus Life Cycle. <i>Journal of Virology</i> , 2019, 93, .	1.5	11
3934	Meiotic gatekeeper STRA8 suppresses autophagy by repressing Nr1d1 expression during spermatogenesis in mice. <i>PLoS Genetics</i> , 2019, 15, e1008084.	1.5	47
3935	Clearance of damaged mitochondria via mitophagy is important to the protective effect of ischemic preconditioning in kidneys. <i>Autophagy</i> , 2019, 15, 2142-2162.	4.3	157
3936	Dual Role of Autophagy in Diseases of the Central Nervous System. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 196.	1.8	88
3937	Targeting ATG4 in Cancer Therapy. <i>Cancers</i> , 2019, 11, 649.	1.7	36
3938	Sirt1 improves functional recovery by regulating autophagy of astrocyte and neuron after brain injury. <i>Brain Research Bulletin</i> , 2019, 150, 42-49.	1.4	20
3939	Compressive force-induced autophagy in periodontal ligament cells downregulates osteoclastogenesis during tooth movement. <i>Journal of Periodontology</i> , 2019, 90, 1170-1181.	1.7	22
3940	Downregulation of LINC00460 decreases STC2 and promotes autophagy of head and neck squamous cell carcinoma by up-regulating microRNA-206. <i>Life Sciences</i> , 2019, 231, 116459.	2.0	30
3941	Ubiquitin Signaling and Degradation of Aggregate-Prone Proteins. <i>Trends in Biochemical Sciences</i> , 2019, 44, 872-884.	3.7	57
3942	Knocking down FAM83B inhibits endometrial cancer cell proliferation and metastasis by silencing the PI3K/AKT/mTOR pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108939.	2.5	32
3943	Synergistic Effect of Mitochondrial and Lysosomal Dysfunction in Parkinson's Disease. <i>Cells</i> , 2019, 8, 452.	1.8	43
3944	Autophagy in male reproduction. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 265-272.	1.0	59
3945	Mitochondrial Quality Control in Aging and Heart Failure: Influence of Ketone Bodies and Mitofusin-Stabilizing Peptides. <i>Frontiers in Physiology</i> , 2019, 10, 382.	1.3	68
3946	Intrinsically Disordered Protein TEX264 Mediates ER-phagy. <i>Molecular Cell</i> , 2019, 74, 909-921.e6.	4.5	231
3947	Generation and Characterization of Germline-Specific Autophagy and Mitochondrial Reactive Oxygen Species Reporters in Drosophila. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 47.	1.8	10

#	ARTICLE	IF	CITATIONS
3948	Molecular determinants regulating selective binding of autophagy adapters and receptors to ATG8 proteins. <i>Nature Communications</i> , 2019, 10, 2055.	5.8	118
3949	Glycan sulfation patterns define autophagy flux at axon tip via PTPR β -cortactin axis. <i>Nature Chemical Biology</i> , 2019, 15, 699-709.	3.9	69
3950	Interplay Between <i>Toxoplasma gondii</i> , Autophagy, and Autophagy Proteins. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 139.	1.8	15
3951	Apoptosis, necroptosis and autophagy in colorectal cancer: Associations with tumor aggressiveness and p53 status. <i>Pathology Research and Practice</i> , 2019, 215, 152425.	1.0	14
3952	The Fine Tuning of Drp1-Dependent Mitochondrial Remodeling and Autophagy Controls Neuronal Differentiation. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 120.	1.8	39
3953	Lectin from <i>Dioclea violacea</i> induces autophagy in U87 glioma cells. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 660-672.	3.6	17
3954	Silencing of SNHG6 induced cell autophagy by targeting miR-26a-5p/ULK1 signaling pathway in human osteosarcoma. <i>Cancer Cell International</i> , 2019, 19, 82.	1.8	40
3955	Natural Selection Footprints Among African Chicken Breeds and Village Ecotypes. <i>Frontiers in Genetics</i> , 2019, 10, 376.	1.1	32
3956	Autophagy, apoptosis, and mitochondria: molecular integration and physiological relevance in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C111-C130.	2.1	54
3957	Manipulation of Host Cell Organelles by Intracellular Pathogens. <i>Microbiology Spectrum</i> , 2019, 7, .	1.2	45
3958	The tricyclic antidepressant clomipramine inhibits neuronal autophagic flux. <i>Scientific Reports</i> , 2019, 9, 4881.	1.6	11
3959	The Inflammatory Bowel Disease Drug Azathioprine Induces Autophagy via mTORC1 and the Unfolded Protein Response Sensor PERK. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1481-1496.	0.9	17
3960	Enhanced Autophagy Contributes to Reduced Viral Infection in Black Flying Fox Cells. <i>Viruses</i> , 2019, 11, 260.	1.5	34
3961	The Role of Primary Cilia in the Crosstalk between the Ubiquitin-Proteasome System and Autophagy. <i>Cells</i> , 2019, 8, 241.	1.8	25
3962	Surgery-induced cryptorchidism induces apoptosis and autophagy of spermatogenic cells in mice. <i>Zygote</i> , 2019, 27, 101-110.	0.5	13
3963	Inhibition of acid-sensing ion channel β 1a attenuates acid-induced activation of autophagy via a calcium signaling pathway in articular chondrocytes. <i>International Journal of Molecular Medicine</i> , 2019, 43, 1778-1788.	1.8	9
3964	Chemical Screening Approaches Enabling Drug Discovery of Autophagy Modulators for Biomedical Applications in Human Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 38.	1.8	37
3965	Autophagy plays a protective role against <i>Trypanosoma cruzi</i> infection in mice. <i>Virulence</i> , 2019, 10, 151-165.	1.8	18

#	ARTICLE	IF	CITATIONS
3966	Anticancer activities of chalcone flavokawain B from <i>Alpinia pricei</i> Hayata in human lung adenocarcinoma (A549) cells via induction of reactive oxygen species-mediated apoptotic and autophagic cell death. <i>Journal of Cellular Physiology</i> , 2019, 234, 17514-17526.	2.0	32
3967	Novel naphthalene-enoates: Design and anticancer activity through regulation cell autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108747.	2.5	5
3968	Novel therapeutic strategies for stroke: The role of autophagy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 182-199.	2.7	40
3969	Autophagy in the Heart. <i>Circulation Journal</i> , 2019, 83, 697-704.	0.7	45
3970	Down-regulated TMED10 in Alzheimer disease induces autophagy via ATG4B activation. <i>Autophagy</i> , 2019, 15, 1495-1505.	4.3	25
3971	Osteoblasts are "educated" by crosstalk with metastatic breast cancer cells in the bone tumor microenvironment. <i>Breast Cancer Research</i> , 2019, 21, 31.	2.2	57
3972	Estrogen Receptor Beta (ER β) Mediated-CyclinD1 Degradation via Autophagy Plays an Anti-Proliferation Role in Colon Cells. <i>International Journal of Biological Sciences</i> , 2019, 15, 942-952.	2.6	34
3973	Ubiquitination of MAP1LC3B by pVHL is associated with autophagy and cell death in renal cell carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 279.	2.7	19
3974	Targeted interplay between bacterial pathogens and host autophagy. <i>Autophagy</i> , 2019, 15, 1620-1633.	4.3	38
3975	Autophagy Induced by Oxygen-Glucose Deprivation Mediates the Injury to the Neurovascular Unit. <i>Medical Science Monitor</i> , 2019, 25, 1373-1382.	0.5	10
3976	An integrative assessment to determine the sediment toxicity of Kaohsiung Harbor in Taiwan: combining chemical analysis and cytotoxicity assay. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34321-34331.	2.7	6
3977	Monitoring stress-induced autophagic engulfment and degradation of the 26S proteasome in mammalian cells. <i>Methods in Enzymology</i> , 2019, 619, 337-366.	0.4	3
3978	Ginsenoside Rh2 inhibits proliferation but promotes apoptosis and autophagy by down-regulating microRNA-638 in human retinoblastoma cells. <i>Experimental and Molecular Pathology</i> , 2019, 108, 17-23.	0.9	33
3979	Parkin Promotes Mitophagic Cell Death in Adult Hippocampal Neural Stem Cells Following Insulin Withdrawal. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 46.	1.4	28
3980	Role of autophagy during the replication and pathogenesis of common mosquito-borne flaviviruses. <i>Open Biology</i> , 2019, 9, 190009.	1.5	27
3981	Lactate dehydrogenase A regulates autophagy and tamoxifen resistance in breast cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1004-1018.	1.9	72
3982	Pleiotropic roles of autophagy in stem cell-based therapies. <i>Cytotherapy</i> , 2019, 21, 380-392.	0.3	6
3983	Size-adjustable micelles co-loaded with a chemotherapeutic agent and an autophagy inhibitor for enhancing cancer treatment via increased tumor retention. <i>Acta Biomaterialia</i> , 2019, 89, 300-312.	4.1	32

#	ARTICLE	IF	CITATIONS
3984	ATG-18 and EPG-6 are Both Required for Autophagy but Differentially Contribute to Lifespan Control in <i>Caenorhabditis elegans</i> . <i>Cells</i> , 2019, 8, 236.	1.8	4
3985	The anti-malarial drug chloroquine sensitizes oncogenic NOTCH1 driven human T-ALL to β -secretase inhibition. <i>Oncogene</i> , 2019, 38, 5457-5468.	2.6	25
3986	Small Molecule KRAS Agonist for Mutant KRAS Cancer Therapy. <i>Molecular Cancer</i> , 2019, 18, 85.	7.9	41
3987	Radiation: a poly-traumatic hit leading to multi-organ injury. <i>Cell and Bioscience</i> , 2019, 9, 25.	2.1	80
3988	Ethanol-Mediated Stress Promotes Autophagic Survival and Aggressiveness of Colon Cancer Cells via Activation of Nrf2/HO-1 Pathway. <i>Cancers</i> , 2019, 11, 505.	1.7	36
3989	Chaperone-mediated autophagy degradation of IGF-1R β induced by NVP-ALY922 in pancreatic cancer. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3433-3447.	2.4	15
3990	Transcriptional regulation of autophagy-lysosomal function in BRAF-driven melanoma progression and chemoresistance. <i>Nature Communications</i> , 2019, 10, 1693.	5.8	119
3991	Metformin Enhances Autophagy and Provides Cardioprotection in β -Sarcoglycan Deficiency-Induced Dilated Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2019, 12, e005418.	1.6	55
3992	The kinase PERK and the transcription factor ATF4 play distinct and essential roles in autophagy resulting from tunicamycin-induced ER stress. <i>Journal of Biological Chemistry</i> , 2019, 294, 8197-8217.	1.6	113
3993	Effects of miR-103a-3p on the autophagy and apoptosis of cardiomyocytes by regulating Atg5. <i>International Journal of Molecular Medicine</i> , 2019, 43, 1951-1960.	1.8	16
3994	Pejvakin-mediated pexophagy protects auditory hair cells against noise-induced damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8010-8017.	3.3	63
3995	Induction of autophagy, apoptosis and acquisition of resistance in response to piceatannol toxicity in MOLT-4 human leukemia cells. <i>Toxicology in Vitro</i> , 2019, 59, 12-25.	1.1	12
3996	miR-204a-5p promotes diabetic retinopathy development via downregulation of microtubule-associated protein 1 light chain 3. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 2945-2952.	0.8	20
3997	The simultaneous downregulation of TRPM7 and MagT1 in human mesenchymal stem cells in vitro: Effects on growth and osteogenic differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 159-165.	1.0	11
3998	LC3-associated phagocytosis at a glance. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	144
3999	Autophagy Activator Drugs: A New Opportunity in Neuroprotection from Misfolded Protein Toxicity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 901.	1.8	81
4000	Is a combination of progesterone and chloroquine more effective than either alone in the treatment of cerebral ischemic injury?. <i>Restorative Neurology and Neuroscience</i> , 2019, 37, 1-10.	0.4	8
4001	Methods to Measure Autophagy in Cancer Metabolism. <i>Methods in Molecular Biology</i> , 2019, 1928, 149-173.	0.4	4

#	ARTICLE	IF	CITATIONS
4002	Autophagy: A necessary process during the <i>Trypanosoma cruzi</i> life-cycle. <i>Virulence</i> , 2019, 10, 460-469.	1.8	26
4003	(Pro)renin Receptor Blockade Ameliorates Heart Failure Caused by Chronic Kidney Disease. <i>Journal of Cardiac Failure</i> , 2019, 25, 286-300.	0.7	11
4004	TP53INP2 contributes to autophagosome formation by promoting LC3-ATG7 interaction. <i>Autophagy</i> , 2019, 15, 1309-1321.	4.3	50
4006	Targeting autophagy using natural compounds for cancer prevention and therapy. <i>Cancer</i> , 2019, 125, 1228-1246.	2.0	222
4007	BNIP3L/NIX and FUNDC1-mediated mitophagy is required for mitochondrial network remodeling during cardiac progenitor cell differentiation. <i>Autophagy</i> , 2019, 15, 1182-1198.	4.3	197
4008	The type III intermediate filament vimentin regulates organelle distribution and modulates autophagy. <i>PLoS ONE</i> , 2019, 14, e0209665.	1.1	26
4009	Mechanistic Interplay Between Autophagy and Apoptotic Signaling in Endosulfan-Induced Dopaminergic Neurotoxicity: Relevance to the Adverse Outcome Pathway in Pesticide Neurotoxicity. <i>Toxicological Sciences</i> , 2019, 169, 333-352.	1.4	34
4010	LRSAM1 E3 ubiquitin ligase: molecular neurobiological perspectives linked with brain diseases. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2093-2110.	2.4	8
4011	Phosphorylation of Syntaxin 17 by TBK1 Controls Autophagy Initiation. <i>Developmental Cell</i> , 2019, 49, 130-144.e6.	3.1	99
4012	Oxidative Stress and Dysfunction of the Intracellular Proteolytic Machinery. , 2019, , 59-70.		2
4013	Histone acetyltransferase MoHat1 acetylates autophagy-related proteins MoAtg3 and MoAtg9 to orchestrate functional appressorium formation and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Autophagy</i> , 2019, 15, 1234-1257.	4.3	69
4014	Diminished OPA1 expression and impaired mitochondrial morphology and homeostasis in Aprataxin-deficient cells. <i>Nucleic Acids Research</i> , 2019, 47, 4086-4110.	6.5	23
4015	Iron Metabolism of the Skeletal Muscle and Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 165.	1.4	35
4016	A novel transgenic zebrafish line allows for in vivo quantification of autophagic activity in neurons. <i>Autophagy</i> , 2019, 15, 1322-1332.	4.3	14
4017	Rapid depletion of ESCRT protein Vps4 underlies injury-induced autophagic impediment and Wallerian degeneration. <i>Science Advances</i> , 2019, 5, eaav4971.	4.7	14
4018	Apolipoprotein L9 interacts with LC3/GABARAP and is a microtubule-associated protein with a widespread subcellular distribution. <i>Biology Open</i> , 2019, 8, .	0.6	5
4019	The Application and Analytical Pathway of Dexmedetomidine in Ischemia/Reperfusion Injury. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-10.	0.7	11
4020	<i>Ehrlichia chaffeensis</i> Outer Membrane Protein 1-Specific Human Antibody-Mediated Immunity Is Defined by Intracellular TRIM21-Dependent Innate Immune Activation and Extracellular Neutralization. <i>Infection and Immunity</i> , 2019, 87, .	1.0	12

#	ARTICLE	IF	CITATIONS
4021	Towards optimized breast cancer 3D spheroid mono- and co-culture models for pharmacological research and screening. <i>Journal of Cellular Biotechnology</i> , 2019, 5, 89-101.	0.1	15
4022	Fundc1 is necessary for proper body axis formation during embryogenesis in zebrafish. <i>Scientific Reports</i> , 2019, 9, 18910.	1.6	14
4023	The protective effects of urapidil on lung tissue after intestinal ischemia-reperfusion injury. <i>Turkish Journal of Biochemistry</i> , 2019, 44, 539-548.	0.3	1
4024	Enhanced lysosomal degradation maintains the quiescent state of neural stem cells. <i>Nature Communications</i> , 2019, 10, 5446.	5.8	86
4025	Histone Deacetylase HDAC6 Inhibitor CAY10603 Blocks G1/S of the Cell Cycle and Promotes Senescence of Murine Fibroblasts Transformed with E1A and cHa-ras Oncogenes. <i>Cell and Tissue Biology</i> , 2019, 13, 268-275.	0.2	0
4026	More Than Just Attractive: How CCL2 Influences Myeloid Cell Behavior Beyond Chemotaxis. <i>Frontiers in Immunology</i> , 2019, 10, 2759.	2.2	385
4027	The Upstream Pathway of mTOR-Mediated Autophagy in Liver Diseases. <i>Cells</i> , 2019, 8, 1597.	1.8	162
4028	Dietary <i>Aronia melanocarpa</i> extract enhances mTORC1 signaling, but has no effect on protein synthesis and protein breakdown-related signaling, in response to resistance exercise in rat skeletal muscle. <i>Journal of the International Society of Sports Nutrition</i> , 2019, 16, 60.	1.7	7
4029	Allele-selective lowering of mutant HTT protein by HTT ^Δ LC3 linker compounds. <i>Nature</i> , 2019, 575, 203-209.	13.7	288
4030	Intra-articular Injection of Chloramphenicol Reduces Articular Cartilage Degeneration in a Rabbit Model of Osteoarthritis. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2785-2797.	0.7	5
4031	Tetrandrine Increases the Sensitivity of Human Lung Adenocarcinoma PC14 Cells to Gefitinib by Lysosomal Inhibition. <i>Anticancer Research</i> , 2019, 39, 6585-6593.	0.5	8
4032	TP53INP2 Promotes Bovine Adipocytes Differentiation Through Autophagy Activation. <i>Animals</i> , 2019, 9, 1060.	1.0	8
4033	p53 Protects Cells from Death at the Heatstroke Threshold Temperature. <i>Cell Reports</i> , 2019, 29, 3693-3707.e5.	2.9	8
4034	Sodium Selenate Ameliorates Cardiac Injury Developed from High-Fat Diet in Mice through Regulation of Autophagy Activity. <i>Scientific Reports</i> , 2019, 9, 18752.	1.6	6
4035	Insight Into the Role of Autophagy in Osteosarcoma and Its Therapeutic Implication. <i>Frontiers in Oncology</i> , 2019, 9, 1232.	1.3	41
4036	Expression of Autophagy Signaling Molecules in the Outer Membranes of Chronic Subdural Hematomas. <i>Journal of Neurotrauma</i> , 2019, 36, 403-407.	1.7	3
4037	<i>Mir223</i> restrains autophagy and promotes CNS inflammation by targeting ATG16L1. <i>Autophagy</i> , 2019, 15, 478-492.	4.3	104
4038	Cadmium results in accumulation of autophagosomes-dependent apoptosis through activating Akt-impaired autophagic flux in neuronal cells. <i>Cellular Signalling</i> , 2019, 55, 26-39.	1.7	45

#	ARTICLE	IF	CITATIONS
4039	Therapeutic activation of autophagy by combined treatment with rapamycin and trehalose in a mouse MPTP-induced model of Parkinson's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 177, 1-11.	1.3	72
4040	Autophagic degradation of lamins facilitates the nuclear egress of herpes simplex virus type 1. <i>Journal of Cell Biology</i> , 2019, 218, 508-523.	2.3	36
4041	A selective ER chaperone-mediated autophagy exerts procollagen quality control via a Calnexin-FAM134B complex. <i>EMBO Journal</i> , 2019, 38, .	3.5	178
4042	On the edge of degradation: Autophagy regulation by RNA decay. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019, 10, e1522.	3.2	11
4043	Mitochondrial Division Inhibitor 1 Prevents Early-Stage Induction of Mitophagy and Accelerated Cell Death in a Rat Model of Moderate Controlled Cortical Impact Brain Injury. <i>World Neurosurgery</i> , 2019, 122, e1090-e1101.	0.7	18
4044	PI3KC3-dependent autophagosomes formation pathway is of crucial importance to anti-DHAV activity of <i>Chrysanthemum indicum</i> polysaccharide. <i>Carbohydrate Polymers</i> , 2019, 208, 22-31.	5.1	13
4045	Long-term effects after treatment with platinum compounds, cisplatin and [Pt(O ₂ -acac)(³ -acac)(DMS)]: Autophagy activation in rat B50 neuroblastoma cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 364, 1-11.	1.3	18
4046	Heparin appended ADH-anionic polysaccharide nanoparticles for site-specific delivery of usnic acid. <i>International Journal of Pharmaceutics</i> , 2019, 557, 238-253.	2.6	17
4047	CKD autophagy activation and skeletal muscle atrophy—a preliminary study of mitophagy and inflammation. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 950-960.	1.3	25
4048	p62/SQSTM1 and Selective Autophagy in Cardiometabolic Diseases. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 458-471.	2.5	68
4049	Balancing Apoptosis and Autophagy for Parkinson's Disease Therapy: Targeting BCL-2. <i>ACS Chemical Neuroscience</i> , 2019, 10, 792-802.	1.7	82
4050	Autophagy and its role in pulmonary hypertension. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 1027-1033.	1.4	5
4051	Benzene induces haematotoxicity by promoting deacetylation and autophagy. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1022-1033.	1.6	22
4052	Overexpression of CTRP9 attenuates the development of atherosclerosis in apolipoprotein E-deficient mice. <i>Molecular and Cellular Biochemistry</i> , 2019, 455, 99-108.	1.4	19
4053	<i>Ganoderma tsugae</i> induced ROS-independent apoptosis and cytoprotective autophagy in human chronic myeloid leukemia cells. <i>Food and Chemical Toxicology</i> , 2019, 124, 30-44.	1.8	26
4054	Discovery of a novel cathepsin inhibitor with dual autophagy-inducing and metastasis-inhibiting effects on breast cancer cells. <i>Bioorganic Chemistry</i> , 2019, 84, 239-253.	2.0	10
4055	Mitochondrial quality control in the cardiac system: An integrative view. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 782-796.	1.8	18
4056	A Flow Cytometric Study of ER Stress and Autophagy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 672-682.	1.1	8

#	ARTICLE	IF	CITATIONS
4057	Effect of autophagy on the resveratrol-induced apoptosis of ovarian cancer SKOV3 cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7788-7793.	1.2	17
4058	Phosphatidylinositol 4-phosphate on Rab7-positive autophagosomes revealed by the freeze-fracture replica labeling. <i>Traffic</i> , 2019, 20, 82-95.	1.3	11
4059	SCAP knockdown in vascular smooth muscle cells alleviates atherosclerosis plaque formation via up-regulating autophagy in ApoE ^{-/-} mice. <i>FASEB Journal</i> , 2019, 33, 3437-3450.	0.2	20
4060	Bartonella quintana type IV secretion effector BepE induced selective autophagy by conjugation with K63 polyubiquitin chain. <i>Cellular Microbiology</i> , 2019, 21, e12984.	1.1	14
4061	Biogenesis of Autophagosome in <i>Trichomonas vaginalis</i> during Macroautophagy Induced by Rapamycin treatment and Iron or Glucose Starvation Conditions. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 654-669.	0.8	8
4062	Diverse Functions of Autophagy in Liver Physiology and Liver Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 300.	1.8	78
4063	Anticancer potential of NF- κ B targeting apoptotic molecule α -flavipin isolated from endophytic <i>Chaetomium globosum</i> . <i>Phytomedicine</i> , 2019, 61, 152830.	2.3	24
4064	RNA Binding Protein HuR Promotes Autophagosome Formation by Regulating Expression of Autophagy-Related Proteins 5, 12, and 16 in Human Hepatocellular Carcinoma Cells. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	32
4065	Autophagy Pathway Mapping to Elucidate the Function of Novel Autophagy Regulators Identified by High-Throughput Screening. <i>Methods in Molecular Biology</i> , 2019, 1880, 375-387.	0.4	1
4066	In Vitro Screening Platforms for Identifying Autophagy Modulators in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2019, 1880, 389-428.	0.4	14
4067	Automated Detection of Autophagy Response Using Single Cell-Based Microscopy Assays. <i>Methods in Molecular Biology</i> , 2019, 1880, 429-445.	0.4	1
4068	Characterization of the α -Autophagic Flux in Prostate Cancer Tissue Biopsies by LC3A/LAMP2a Immunofluorescence and Confocal Microscopy. <i>Methods in Molecular Biology</i> , 2019, 1880, 555-560.	0.4	3
4069	Differential and convergent utilization of autophagy components by positive-strand RNA viruses. <i>PLoS Biology</i> , 2019, 17, e2006926.	2.6	71
4070	Methods for Imaging Autophagosome Dynamics in Primary Neurons. <i>Methods in Molecular Biology</i> , 2019, 1880, 243-256.	0.4	8
4071	Cell-Free Reconstitution of Autophagic Membrane Formation. <i>Methods in Molecular Biology</i> , 2019, 1880, 135-148.	0.4	1
4072	Knockdown of Orphan Transporter SLC22A18 Impairs Lipid Metabolism and Increases Invasiveness of HepG2 Cells. <i>Pharmaceutical Research</i> , 2019, 36, 39.	1.7	9
4073	Zinc Oxide Particles Induce Activation of the Lysosome Autophagy System. <i>ACS Omega</i> , 2019, 4, 573-581.	1.6	9
4074	Formation of high molecular weight p62 by CORM-3. <i>PLoS ONE</i> , 2019, 14, e0210474.	1.1	12

#	ARTICLE	IF	CITATIONS
4075	Polydatin Regulates the Apoptosis and Autophagy of Fibroblasts Obtained from Patients with Ankylosing Spondylitis. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 50-56.	0.6	3
4076	Harnessing autophagy to overcome mitogen-activated protein kinase kinase inhibitor-induced resistance in metastatic melanoma. <i>British Journal of Dermatology</i> , 2019, 180, 346-356.	1.4	23
4077	Transcription factor EB (TFEB)-mediated autophagy protects against ethyl carbamate-induced cytotoxicity. <i>Journal of Hazardous Materials</i> , 2019, 364, 281-292.	6.5	22
4078	The circular RNA ACR attenuates myocardial ischemia/reperfusion injury by suppressing autophagy via modulation of the Pink1/ FAM65B pathway. <i>Cell Death and Differentiation</i> , 2019, 26, 1299-1315.	5.0	177
4079	Recruitment of LC3 to damaged Golgi apparatus. <i>Cell Death and Differentiation</i> , 2019, 26, 1467-1484.	5.0	18
4080	Autophagosome immunoisolation from GFP-LC3B mouse tissue. <i>Autophagy</i> , 2019, 15, 341-346.	4.3	7
4081	p150glued deficiency impairs effective fusion between autophagosomes and lysosomes due to their redistribution to the cell periphery. <i>Neuroscience Letters</i> , 2019, 690, 181-187.	1.0	15
4082	Reconstruction of destruction “ <i>in vitro</i> ” reconstitution methods in autophagy research. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	5
4083	Secreted Phosphoprotein 1 Promotes the Development of Small Cell Lung Cancer Cells by Inhibiting Autophagy and Apoptosis. <i>Pathology and Oncology Research</i> , 2019, 25, 1487-1495.	0.9	17
4084	Crosstalk between Autophagy and Nanomaterials: Internalization, Activation, Termination. <i>Advanced Biology</i> , 2019, 3, e1800259.	3.0	22
4085	Long-term social isolation inhibits autophagy activation, induces postsynaptic dysfunctions and impairs spatial memory. <i>Experimental Neurology</i> , 2019, 311, 213-224.	2.0	45
4086	Methods for Monitoring Macroautophagy in Pancreatic Cancer Cells. <i>Methods in Molecular Biology</i> , 2019, 1882, 197-206.	0.4	2
4087	Beclin1 decreases the RIPA-insoluble fraction of amyotrophic lateral sclerosis-linked SOD1 mutant via autophagy. <i>Neuroscience Letters</i> , 2019, 690, 106-111.	1.0	3
4088	Oblongifolin C suppresses lysosomal function independently of TFEB nuclear translocation. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 929-937.	2.8	10
4089	Inhibition of autophagy by chloroquine makes chemotherapy in nasopharyngeal carcinoma more efficient. <i>Auris Nasus Larynx</i> , 2019, 46, 443-450.	0.5	14
4090	MicroRNA-29 enhances autophagy and cleanses exogenous mutant β -crystallin in retinal pigment epithelial cells. <i>Experimental Cell Research</i> , 2019, 374, 231-248.	1.2	28
4091	Mitophagy imbalance in cardiomyocyte ischaemia/reperfusion injury. <i>Acta Physiologica</i> , 2019, 225, e13228.	1.8	23
4092	A cancer associated somatic mutation in LC3B attenuates its binding to E1-like ATG7 protein and subsequent lipidation. <i>Autophagy</i> , 2019, 15, 438-452.	4.3	7

#	ARTICLE	IF	CITATIONS
4093	BAFF inhibits autophagy promoting cell proliferation and survival by activating Ca ²⁺ -CaMKII-dependent Akt/mTOR signaling pathway in normal and neoplastic B-lymphoid cells. <i>Cellular Signalling</i> , 2019, 53, 68-79.	1.7	29
4094	MITF<i>-MIR211</i> axis is a novel autophagy amplifier system during cellular stress. <i>Autophagy</i> , 2019, 15, 375-390.	4.3	37
4095	Bezafibrate induces autophagy and improves hepatic lipid metabolism in glycogen storage disease type Ia. <i>Human Molecular Genetics</i> , 2019, 28, 143-154.	1.4	43
4096	Transgenic expression of a ratiometric autophagy probe specifically in neurons enables the interrogation of brain autophagy <i>in vivo</i>. <i>Autophagy</i> , 2019, 15, 543-557.	4.3	49
4097	Crocus sativus L. Causes a Non Apoptotic Calpain Dependent Death in C6 Rat Glioma Cells, Exhibiting a Synergistic Effect with Temozolomide. <i>Nutrition and Cancer</i> , 2019, 71, 491-507.	0.9	8
4098	Autophagy in <i>C. elegans</i> development. <i>Developmental Biology</i> , 2019, 447, 103-125.	0.9	32
4099	Catechins enhance skeletal muscle performance. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 515-528.	5.4	29
4100	Activation of AMPKâ€dependent autophagy in the nucleus accumbens opposes cocaineâ€induced behaviors of mice. <i>Addiction Biology</i> , 2020, 25, e12736.	1.4	7
4101	Autophagy: a potential key contributor to the therapeutic action of mesenchymal stem cells. <i>Autophagy</i> , 2020, 16, 28-37.	4.3	96
4102	Topology-dependent, bifurcated mitochondrial quality control under starvation. <i>Autophagy</i> , 2020, 16, 562-574.	4.3	25
4103	Autophagy and cancer therapy cardiotoxicity: From molecular mechanisms to therapeutic opportunities. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118493.	1.9	27
4104	New Platinum-Based Prodrug Pt(IV)Ac-POA: Antitumour Effects in Rat C6 Glioblastoma Cells. <i>Neurotoxicity Research</i> , 2020, 37, 183-197.	1.3	9
4105	Autophagic death of neural stem cells mediates chronic stress-induced decline of adult hippocampal neurogenesis and cognitive deficits. <i>Autophagy</i> , 2020, 16, 512-530.	4.3	95
4106	Loss of autophagy in chondrocytes causes severe growth retardation. <i>Autophagy</i> , 2020, 16, 501-511.	4.3	32
4107	History of the Selective Autophagy Research: How Did It Begin and Where Does It Stand Today?. <i>Journal of Molecular Biology</i> , 2020, 432, 3-27.	2.0	97
4108	Keratin 6a mutations lead to impaired mitochondrial quality control. <i>British Journal of Dermatology</i> , 2020, 182, 636-647.	1.4	17
4109	Autophagy in cardiomyopathies. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118432.	1.9	29
4110	Retinal dystrophy associated with Danon disease and pathogenic mechanism through LAMP2-mutated retinal pigment epithelium. <i>European Journal of Ophthalmology</i> , 2020, 30, 570-578.	0.7	11

#	ARTICLE	IF	CITATIONS
4111	ER platforms mediating autophagosome generation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158433.	1.2	28
4112	Identification of transcription factors that regulate <i>ATG8</i> expression and autophagy in <i>Arabidopsis</i> . <i>Autophagy</i> , 2020, 16, 123-139.	4.3	81
4113	<i>De novo</i> phosphatidylcholine synthesis is required for autophagosome membrane formation and maintenance during autophagy. <i>Autophagy</i> , 2020, 16, 1044-1060.	4.3	67
4114	Activation of autophagy in early neonatal mice increases primordial follicle number and improves lifelong fertility. <i>Biology of Reproduction</i> , 2020, 102, 399-411.	1.2	18
4115	Autophagy in Autoimmunity. , 2020, , 305-317.		0
4116	ToolBox: Live Imaging of intracellular organelle transport in induced pluripotent stem cell-derived neurons. <i>Traffic</i> , 2020, 21, 138-155.	1.3	36
4117	Emerging role of mitophagy in cardiovascular physiology and pathology. <i>Molecular Aspects of Medicine</i> , 2020, 71, 100822.	2.7	114
4118	The interplay of autophagy and enterovirus. <i>Seminars in Cell and Developmental Biology</i> , 2020, 101, 12-19.	2.3	16
4119	20(S)-Ginsenoside Rh2 displays efficacy against T-cell acute lymphoblastic leukemia through the PI3K/Akt/mTOR signal pathway. <i>Journal of Ginseng Research</i> , 2020, 44, 725-737.	3.0	34
4120	Pro-survival autophagy: An emerging candidate of tumor progression through maintaining hallmarks of cancer. <i>Seminars in Cancer Biology</i> , 2020, 66, 59-74.	4.3	44
4121	ESCRT-mediated phagophore sealing during mitophagy. <i>Autophagy</i> , 2020, 16, 826-841.	4.3	119
4122	Breaking Bad and Breaking Good: β -Cell Autophagy Pathways in Diabetes. <i>Journal of Molecular Biology</i> , 2020, 432, 1494-1513.	2.0	17
4123	Early trypsin activation develops independently of autophagy in caerulein-induced pancreatitis in mice. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1811-1825.	2.4	13
4124	Comprehensive autophagy evaluation in cardiac disease models. <i>Cardiovascular Research</i> , 2020, 116, 483-504.	1.8	41
4125	The autophagic protein LC3 translocates to the nucleus and localizes in the nucleolus associated to NUFIP1 in response to cyclic mechanical stress. <i>Autophagy</i> , 2020, 16, 1248-1261.	4.3	34
4126	Autophagy and Akt-mTOR signaling display periodic oscillations during torpor-arousal cycles in oxidative skeletal muscle of Daurian ground squirrels (<i>Spermophilus dauricus</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2020, 190, 113-123.	0.7	12
4127	Comparison of polysaccharides in articular cartilage regeneration associated with chondrogenic and autophagy-related gene expression. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 922-930.	3.6	19
4128	Aluminum-induced mixed-cell death in mice cerebral tissue and potential intervention. <i>Neurotoxicity Research</i> , 2020, 37, 835-846.	1.3	13

#	ARTICLE	IF	CITATIONS
4129	Ubiquitin and Receptor-Dependent Mitophagy Pathways and Their Implication in Neurodegeneration. <i>Journal of Molecular Biology</i> , 2020, 432, 2510-2524.	2.0	53
4130	Centrosome Amplification in Cancer Disrupts Autophagy and Sensitizes to Autophagy Inhibition. <i>Molecular Cancer Research</i> , 2020, 18, 33-45.	1.5	11
4131	Impairment of the autophagy system in repetitively UVA-irradiated fibroblasts. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2020, 36, 111-117.	0.7	8
4132	Protective effects of autophagy inhibitor 3-methyladenine on ischemia-reperfusion-induced retinal injury. <i>International Ophthalmology</i> , 2020, 40, 1095-1101.	0.6	6
4133	Discordant placental oxygenation and autophagy in twin anemia-polycythemia sequence (TAPS). <i>Placenta</i> , 2020, 90, 9-17.	0.7	6
4134	FKBP8 LIRL-dependent mitochondrial fragmentation facilitates mitophagy under stress conditions. <i>FASEB Journal</i> , 2020, 34, 2944-2957.	0.2	38
4135	Protective effect inhibiting the expression of miR-181a on the diabetic corneal nerve in a mouse model. <i>Experimental Eye Research</i> , 2020, 192, 107925.	1.2	21
4136	Use of the LC3B-fusion technique for biochemical and structural studies of proteins involved in the N-degron pathway. <i>Journal of Biological Chemistry</i> , 2020, 295, 2590-2600.	1.6	14
4137	Human prion protein-mediated calcineurin activation induces neuron cell death via AMPK and autophagy pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 119, 105680.	1.2	13
4138	Ganoderic acid DM induces autophagic apoptosis in non-small cell lung cancer cells by inhibiting the PI3K/Akt/mTOR activity. <i>Chemico-Biological Interactions</i> , 2020, 316, 108932.	1.7	25
4139	Role of autophagy in alcohol and drug-induced liver injury. <i>Food and Chemical Toxicology</i> , 2020, 136, 111075.	1.8	38
4140	Autophagy induced by infectious pancreatic necrosis virus promotes its multiplication in the Chinook salmon embryo cell line CHSE-214. <i>Fish and Shellfish Immunology</i> , 2020, 97, 375-381.	1.6	9
4141	Anti-inflammatory effect of <i>Rhodiola crenulata</i> extracts through the down-regulation of MyD88 dependent pathway and induction of autophagy. <i>Journal of Functional Foods</i> , 2020, 64, 103703.	1.6	8
4142	Therapeutic Potential of LNP-Mediated Delivery of miR-634 for Cancer Therapy. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 330-338.	2.3	43
4143	NIMA-related kinase 9-mediated phosphorylation of the microtubule-associated LC3B protein at Thr-50 suppresses selective autophagy of p62/sequestosome 1. <i>Journal of Biological Chemistry</i> , 2020, 295, 1240-1260.	1.6	19
4144	Differential regulation of autophagy during metabolic stress in astrocytes and neurons. <i>Autophagy</i> , 2020, 16, 1651-1667.	4.3	44
4145	Podocytes maintain high basal levels of autophagy independent of mtor signaling. <i>Autophagy</i> , 2020, 16, 1932-1948.	4.3	69
4146	Identification and characterization of chemical components in the bioactive fractions of <i>Cynomorium coccineum</i> that possess anticancer activity. <i>International Journal of Biological Sciences</i> , 2020, 16, 61-73.	2.6	15

#	ARTICLE	IF	CITATIONS
4147	Biallelic VPS35L pathogenic variants cause 3C/Ritscher-Schinzel-like syndrome through dysfunction of retriever complex. <i>Journal of Medical Genetics</i> , 2020, 57, 245-253.	1.5	27
4148	<i>Syzygium coriaceum</i> Bosser & J. Guã©hoã” An endemic plant potentiates conventional antibiotics, inhibits clinical enzymes and induces apoptosis in breast cancer cells. <i>Industrial Crops and Products</i> , 2020, 143, 111948.	2.5	12
4149	Role of Mitophagy in Cardiovascular Disease. , 2020, 11, 419.		38
4150	Regulation of cell death in the cardiovascular system. <i>International Review of Cell and Molecular Biology</i> , 2020, 353, 153-209.	1.6	39
4151	Dissecting the localization of lipopolysaccharide-responsive and beige-like anchor protein (LRBA) in the endomembrane system. <i>Allergologia Et Immunopathologia</i> , 2020, 48, 8-17.	1.0	6
4152	Neuroprotective effects of curcumin through autophagy modulation. <i>IUBMB Life</i> , 2020, 72, 652-664.	1.5	52
4153	The role of autophagy in brown and beige adipose tissue plasticity. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 213-226.	1.3	26
4154	Galectin-3 Coordinates a Cellular System for Lysosomal Repair and Removal. <i>Developmental Cell</i> , 2020, 52, 69-87.e8.	3.1	198
4155	Cells deficient for Krã¼ppel-like factor 4 exhibit mitochondrial dysfunction and impaired mitophagy. <i>European Journal of Cell Biology</i> , 2020, 99, 151061.	1.6	6
4156	Î²-guanidinopropionic acid and metformin differentially impact autophagy, mitochondria and cellular morphology in developing C2C12 muscle cells. <i>Journal of Muscle Research and Cell Motility</i> , 2020, 41, 221-237.	0.9	6
4157	Establishment of canine macrophages stably expressing GFP-tagged canine LC3 protein for effectively detecting autophagy. <i>Molecular and Cellular Probes</i> , 2020, 49, 101493.	0.9	5
4158	Morphineã€induced RACK1ã€dependent autophagy in immortalized neuronal cell lines. <i>British Journal of Pharmacology</i> , 2020, 177, 1609-1621.	2.7	12
4159	An antibody for analysis of autophagy induction. <i>Nature Methods</i> , 2020, 17, 232-239.	9.0	44
4160	Enhanced expression of HNF4ã± during intestinal epithelial differentiation is involved in the activation of ER stress. <i>FEBS Journal</i> , 2020, 287, 2504-2523.	2.2	4
4161	Dihydrolipoic Acidã€Gold Nanoclusters Regulate Microglial Polarization and Have the Potential To Alter Neurogenesis. <i>Nano Letters</i> , 2020, 20, 478-495.	4.5	92
4162	Fasã€apoptotic inhibitory molecule 2 localizes to the lysosome and facilitates autophagosomeã€lysosome fusion through the LC3 interaction region motifã€dependent interaction with LC3. <i>FASEB Journal</i> , 2020, 34, 161-179.	0.2	9
4163	Protective role of c-Jun NH2-terminal kinase-associated leucine zipper protein (JLP) in curcumin-induced cancer cell death. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 697-703.	1.0	10
4164	The induction of host cell autophagy triggers defense mechanisms against <i>Trypanosoma cruzi</i> infection in vitro. <i>European Journal of Cell Biology</i> , 2020, 99, 151060.	1.6	3

#	ARTICLE	IF	CITATIONS
4165	Lowering Mutant Huntingtin Levels and Toxicity: Autophagy-Endolysosome Pathways in Huntington's Disease. <i>Journal of Molecular Biology</i> , 2020, 432, 2673-2691.	2.0	26
4166	Autophagy Deficiency in Renal Proximal Tubular Cells Leads to an Increase in Cellular Injury and Apoptosis under Normal Fed Conditions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 155.	1.8	23
4167	Autophagy promotes osteoclast podosome disassembly and cell motility through the interaction of kindlin3 with LC3. <i>Cellular Signalling</i> , 2020, 67, 109505.	1.7	26
4168	An Update on Autophagy in Prion Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 975.	2.0	14
4169	The Small GTPase Rab5c Exerts Bi-Function in Singapore Grouper Iridovirus Infections and Cellular Responses in the Grouper, <i>Epinephelus coioides</i> . <i>Frontiers in Immunology</i> , 2020, 11, 2133.	2.2	7
4170	The Role of Autophagy in Osteoclast Differentiation and Bone Resorption Function. <i>Biomolecules</i> , 2020, 10, 1398.	1.8	47
4171	Involvement of lysosomal integral membrane protein-2 in the activation of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 976-982.	1.0	3
4172	Inhibition of CX3C receptor 1-mediated autophagy in macrophages alleviates pulmonary fibrosis in hyperoxic lung injury. <i>Life Sciences</i> , 2020, 259, 118286.	2.0	7
4173	The In Vitro and In Vivo Anticancer Properties of Chalcone Flavokawain B through Induction of ROS-Mediated Apoptotic and Autophagic Cell Death in Human Melanoma Cells. <i>Cancers</i> , 2020, 12, 2936.	1.7	29
4174	GDF11 replenishment protects against hypoxia-mediated apoptosis in cardiomyocytes by regulating autophagy. <i>European Journal of Pharmacology</i> , 2020, 885, 173495.	1.7	11
4175	Crosstalk Between Autophagy and Hypoxia-Inducible Factor-1 α in Antifungal Immunity. <i>Cells</i> , 2020, 9, 2150.	1.8	11
4176	Inducible Rpt3, a Proteasome Component, Knockout in Adult Skeletal Muscle Results in Muscle Atrophy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 859.	1.8	8
4177	Celastrol suppresses lipid accumulation through LXR α /ABCA1 signaling pathway and autophagy in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 466-474.	1.0	16
4178	Lupeol Counteracts the Proinflammatory Signalling Triggered in Macrophages by 7-Keto-Cholesterol: New Perspectives in the Therapy of Atherosclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	23
4179	Role of autophagy in nerve cell apoptosis in mice infected with street rabies virus. <i>Archives of Virology</i> , 2020, 165, 2857-2867.	0.9	3
4180	The molecular mechanisms of celecoxib in tumor development. <i>Medicine (United States)</i> , 2020, 99, e22544.	0.4	14
4181	Lipid Droplets Maintain Energy Homeostasis and Glioblastoma Growth via Autophagic Release of Stored Fatty Acids. <i>IScience</i> , 2020, 23, 101569.	1.9	62
4182	Apigenin induced autophagy and stimulated autophagic lipid degradation. <i>Food and Function</i> , 2020, 11, 9208-9215.	2.1	19

#	ARTICLE	IF	CITATIONS
4183	Isoflurane activates AMP-activated protein kinase to inhibit proliferation, and promote apoptosis and autophagy in cervical carcinoma both <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Receptor and Signal Transduction Research</i> , 2021, 41, 538-545.	1.3	7
4184	Pterostilbene enhances sorafenib's anticancer effects on gastric adenocarcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12525-12536.	1.6	4
4185	Autophagy and heat-shock response impair stress granule assembly during cellular senescence. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111382.	2.2	18
4186	Inhibition of p97/VCP function leads to defective autophagosome maturation, cell cycle arrest and apoptosis in mouse Sertoli cells. <i>Theriogenology</i> , 2020, 158, 196-206.	0.9	4
4187	The promoting role of lysosome-localized c-Src in autophagosome-lysosome fusion. <i>Cellular Signalling</i> , 2020, 75, 109774.	1.7	4
4188	SETX (senataxin), the helicase mutated in AOA2 and ALS4, functions in autophagy regulation. <i>Autophagy</i> , 2021, 17, 1889-1906.	4.3	34
4189	Human Induced Pluripotent Stem Cell Models of Neurodegenerative Disorders for Studying the Biomedical Implications of Autophagy. <i>Journal of Molecular Biology</i> , 2020, 432, 2754-2798.	2.0	15
4190	Novel Drug Candidates Improve Ganglioside Accumulation and Neural Dysfunction in GM1 Gangliosidosis Models with Autophagy Activation. <i>Stem Cell Reports</i> , 2020, 14, 909-923.	2.3	14
4191	Low-dose rapamycin-induced autophagy in cochlear outer sulcus cells. <i>Laryngoscope Investigative Otolaryngology</i> , 2020, 5, 520-528.	0.6	6
4192	Manipulation of Autophagy and Apoptosis Facilitates Intracellular Survival of <i>Staphylococcus aureus</i> in Human Neutrophils. <i>Frontiers in Immunology</i> , 2020, 11, 565545.	2.2	14
4193	Calciprotein particle-induced cytotoxicity via lysosomal dysfunction and altered cholesterol distribution in renal epithelial HK-2 cells. <i>Scientific Reports</i> , 2020, 10, 20125.	1.6	16
4194	Single-cell analysis of autophagy activity in normal and de novo transformed human mammary cells. <i>Scientific Reports</i> , 2020, 10, 20266.	1.6	2
4195	Improving the Efficacy of EGFR Inhibitors by Topical Treatment of Cutaneous Squamous Cell Carcinoma with miR-634 Ointment. <i>Molecular Therapy - Oncolytics</i> , 2020, 19, 294-307.	2.0	17
4196	Vacuolar processing enzyme translocates to the vacuole through the autophagy pathway to induce programmed cell death. <i>Autophagy</i> , 2021, 17, 3109-3123.	4.3	17
4197	Hypoxia Shapes Autophagy in LPS-Activated Dendritic Cells. <i>Frontiers in Immunology</i> , 2020, 11, 573646.	2.2	17
4198	Identification of Dietary Phytochemicals Capable of Enhancing the Autophagy Flux in HeLa and Caco-2 Human Cell Lines. <i>Antioxidants</i> , 2020, 9, 1193.	2.2	6
4199	Quercetin Covalently Linked Lipid Nanoparticles: Multifaceted Killing Effect on Tumor Cells. <i>ACS Omega</i> , 2020, 5, 30274-30281.	1.6	10
4200	Degradation of Mutant Protein Aggregates within the Endoplasmic Reticulum of Vasopressin Neurons. <i>IScience</i> , 2020, 23, 101648.	1.9	8

#	ARTICLE	IF	CITATIONS
4201	Melatonin regulates chicken granulosa cell proliferation and apoptosis by activating the mTOR signaling pathway via its receptors. <i>Poultry Science</i> , 2020, 99, 6147-6162.	1.5	24
4202	Regulation and function of autophagy in pancreatic cancer. <i>Autophagy</i> , 2021, 17, 3275-3296.	4.3	89
4203	Role of autophagy in antigen presentation and its involvement on cancer immunotherapy. , 2020, , 175-196.		0
4204	Huntingtin-lowering strategies for Huntingtonâ€™s disease. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 1125-1132.	1.9	23
4205	Compromised Autophagic Effect of Polystyrene Nanoplastics Mediated by Protein Corona Was Recovered after Lysosomal Degradation of Corona. <i>Environmental Science & Technology</i> , 2020, 54, 11485-11493.	4.6	70
4206	Surface Chemistry- and Intracellular Trafficking-Dependent Autophagy Induction by Iron Oxide Nanoparticles. <i>ACS Applied Bio Materials</i> , 2020, 3, 5974-5983.	2.3	8
4207	Antitumor Activity of Pt(II), Ru(III) and Cu(II) Complexes. <i>Molecules</i> , 2020, 25, 3492.	1.7	36
4208	Inhibition of Sonic Hedgehog Signaling Suppresses Glioma Stem-Like Cells Likely Through Inducing Autophagic Cell Death. <i>Frontiers in Oncology</i> , 2020, 10, 1233.	1.3	24
4209	Enzyme Replacement Therapy Can Reverse Pathogenic Cascade in Pompe Disease. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 199-214.	1.8	26
4210	Retinoic Acid Alleviates Cisplatin-Induced Acute Kidney Injury Through Activation of Autophagy. <i>Frontiers in Pharmacology</i> , 2020, 11, 987.	1.6	13
4211	Cannabidiol Promotes Endothelial Cell Survival by Heme Oxygenase-1-Mediated Autophagy. <i>Cells</i> , 2020, 9, 1703.	1.8	26
4212	Cystathionine beta synthase regulates mitochondrial dynamics and function in endothelial cells. <i>FASEB Journal</i> , 2020, 34, 9372-9392.	0.2	23
4213	TRAF6 Promotes Gastric Cancer Cell Self-Renewal, Proliferation, and Migration. <i>Stem Cells International</i> , 2020, 2020, 1-11.	1.2	13
4214	The insufficiency of ATG4A in macroautophagy. <i>Journal of Biological Chemistry</i> , 2020, 295, 13584-13600.	1.6	10
4215	An HMGA2â€‘p62â€‘ERâ™± axis regulates uterine leiomyomas proliferation. <i>FASEB Journal</i> , 2020, 34, 10966-10983.	0.2	9
4216	Synergistic activation of AMPK prevents from polyglutamine-induced toxicity in <i>Caenorhabditis elegans</i> . <i>Pharmacological Research</i> , 2020, 161, 105105.	3.1	14
4217	Mice deficient in UXT exhibit retinitis pigmentosa-like features via aberrant autophagy activation. <i>Autophagy</i> , 2021, 17, 1873-1888.	4.3	12
4218	Mitochondrial DNA mutation exacerbates female reproductive aging via impairment of the NADH/NAD⁺ redox. <i>Aging Cell</i> , 2020, 19, e13206.	3.0	48

#	ARTICLE	IF	CITATIONS
4219	Autophagy as a Potential Therapy for Malignant Glioma. <i>Pharmaceuticals</i> , 2020, 13, 156.	1.7	56
4220	The role of protein kinase C alpha in triâ€œorthoâ€œresyl phosphateâ€œinduced autophagy in human neuroblastoma SKâ€œNâ€œSH cells. <i>Journal of Applied Toxicology</i> , 2020, 40, 1480-1490.	1.4	2
4221	Modeling Membrane Morphological Change during Autophagosome Formation. <i>IScience</i> , 2020, 23, 101466.	1.9	27
4222	The dual functions of Î±-tubulin acetylation in cellular apoptosis and autophagy induced by tanespimycin in lung cancer cells. <i>Cancer Cell International</i> , 2020, 20, 369.	1.8	9
4223	A new homozygous HERC1 gain-of-function variant in MDFPMR syndrome leads to mTORC1 hyperactivation and reduced autophagy during cell catabolism. <i>Molecular Genetics and Metabolism</i> , 2020, 131, 126-134.	0.5	6
4224	Selective Autophagy by Close Encounters of the Ubiquitin Kind. <i>Cells</i> , 2020, 9, 2349.	1.8	26
4225	Contribution of Aberrant Astrocytes to Motor Neuron Damage and Death in the SOD1G93A Rat Experimental Model of ALS. , 2020, , .		1
4226	Granulocyte-colony stimulating factor gene therapy as a novel therapeutics for stroke in a mouse model. <i>Journal of Biomedical Science</i> , 2020, 27, 99.	2.6	13
4227	Autophagy Contributes to Oxidative Stress-Induced Apoptosis in Porcine Granulosa Cells. <i>Reproductive Sciences</i> , 2021, 28, 2147-2160.	1.1	19
4228	The role of autophagy in abdominal aortic aneurysm: protective but dysfunctional. <i>Cell Cycle</i> , 2020, 19, 2749-2759.	1.3	11
4229	Trehalose ameliorates peritoneal fibrosis by promoting Snail degradation and inhibiting mesothelial-to-mesenchymal transition in mesothelial cells. <i>Scientific Reports</i> , 2020, 10, 14292.	1.6	8
4230	Reconstitution of autophagosome nucleation defines Atg9 vesicles as seeds for membrane formation. <i>Science</i> , 2020, 369, .	6.0	159
4231	Flavokawain B and Doxorubicin Work Synergistically to Impede the Propagation of Gastric Cancer Cells via ROS-Mediated Apoptosis and Autophagy Pathways. <i>Cancers</i> , 2020, 12, 2475.	1.7	24
4232	Autophagy and its role in regeneration and remodeling within invertebrate. <i>Cell and Bioscience</i> , 2020, 10, 111.	2.1	12
4233	Involvement of oxidative stress in ZnO NPs-induced apoptosis and autophagy of mouse GC-1 spg cells. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110960.	2.9	32
4234	Berberine alleviates cisplatin-induced acute kidney injury by regulating mitophagy via PINK 1/Parkin pathway. <i>Translational Andrology and Urology</i> , 2020, 9, 1712-1724.	0.6	33
4235	Impairment of the autophagy-lysosomal pathway and activation of pyroptosis in macular corneal dystrophy. <i>Cell Death Discovery</i> , 2020, 6, 85.	2.0	23
4236	Placental autophagy failure: A risk factor for preeclampsia. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 2497-2504.	0.6	8

#	ARTICLE	IF	CITATIONS
4237	Fermented mulberry (<i>Morus alba</i>) leaves suppress high fat diet-induced hepatic steatosis through amelioration of the inflammatory response and autophagy pathway. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 283.	1.2	18
4238	TonEBP Promotes \hat{I}^2 -Cell Survival under ER Stress by Enhancing Autophagy. <i>Cells</i> , 2020, 9, 1928.	1.8	3
4239	Long Non-coding RNAs (lncRNAs), A New Target in Stroke. <i>Cellular and Molecular Neurobiology</i> , 2020, , 1.	1.7	4
4240	Autophagy Inhibits Grass Carp Reovirus (GCRV) Replication and Protects <i>Ctenopharyngodon idella</i> Kidney (CIK) Cells from Excessive Inflammatory Responses after GCRV Infection. <i>Biomolecules</i> , 2020, 10, 1296.	1.8	23
4241	Autophagy under glucose starvation enhances protein translation initiation in response to re-addition of glucose in C2C12 myotubes. <i>FEBS Open Bio</i> , 2020, 10, 2149-2156.	1.0	8
4242	Protein Supplementation Enhances the Effects of Intermittent Loading on Skeletal Muscles by Activating the mTORC1 Signaling Pathway in a Rat Model of Disuse Atrophy. <i>Nutrients</i> , 2020, 12, 2729.	1.7	3
4243	Zebrafish as a model to study autophagy and its role in skeletal development and disease. <i>Histochemistry and Cell Biology</i> , 2020, 154, 549-564.	0.8	15
4244	Crosstalk between cGAS-STING signaling and cell death. <i>Cell Death and Differentiation</i> , 2020, 27, 2989-3003.	5.0	79
4245	Melasolv induces melanosome autophagy to inhibit pigmentation in B16F1 cells. <i>PLoS ONE</i> , 2020, 15, e0239019.	1.1	10
4246	Gender Difference on the Effect of Omega-3 Polyunsaturated Fatty Acids on Acetaminophen-Induced Acute Liver Failure. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	6
4247	Therapeutic Effects and Mechanisms of Herbal Medicines for Treating Polycystic Ovary Syndrome: A Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 1192.	1.6	13
4248	Sinensetin Induces Autophagic Cell Death through p53-Related AMPK/mTOR Signaling in Hepatocellular Carcinoma HepG2 Cells. <i>Nutrients</i> , 2020, 12, 2462.	1.7	30
4249	Tumor Necrosis Factor $\hat{I}z$ Reduces SNAP29 Dependent Autolysosome Formation to Increase Prion Protein Level and Promote Tumor Cell Migration. <i>Virologica Sinica</i> , 2021, 36, 458-475.	1.2	9
4250	Structure and function of p62/SQSTM1 in the emerging framework of phase separation. <i>FEBS Journal</i> , 2021, 288, 6927-6941.	2.2	29
4251	Enhanced autophagy promotes the clearance of <i>Pseudomonas aeruginosa</i> in diabetic rats with wounds. <i>Annals of Translational Medicine</i> , 2020, 8, 1362-1362.	0.7	8
4252	Autophagy Is Required for Maturation of Surfactant-Containing Lamellar Bodies in the Lung and Swim Bladder. <i>Cell Reports</i> , 2020, 33, 108477.	2.9	25
4253	Visualization of Autophagy Progression by a Red-Green-Blue Autophagy Sensor. <i>ACS Sensors</i> , 2020, 5, 3850-3861.	4.0	10
4254	Spermidine attenuates bleomycin-induced lung fibrosis by inducing autophagy and inhibiting endoplasmic reticulum stress (ERS)-induced cell death in mice. <i>Experimental and Molecular Medicine</i> , 2020, 52, 2034-2045.	3.2	40

#	ARTICLE	IF	CITATIONS
4255	The conformational and mutational landscape of the ubiquitin-like marker for autophagosome formation in cancer. <i>Autophagy</i> , 2021, 17, 2818-2841.	4.3	19
4256	Angiotensin-(1-7) Prevents Lipopolysaccharide-Induced Autophagy via the Mas Receptor in Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9344.	1.8	8
4257	Different Role of Raptor and Rictor in Regulating Rasfoninâ€Induced Autophagy and Apoptosis in Renal Carcinoma Cells. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000743.	1.0	7
4258	Highlights in the fight against COVID-19: does autophagy play a role in SARS-CoV-2 infection?. <i>Autophagy</i> , 2020, 16, 2123-2127.	4.3	27
4259	High Expression of miR-204 in Chicken Atrophic Ovaries Promotes Granulosa Cell Apoptosis and Inhibits Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580072.	1.8	22
4260	The fluorescence toolbox for visualizing autophagy. <i>Chemical Society Reviews</i> , 2020, 49, 8354-8389.	18.7	33
4261	Induction of Apoptosis, Autophagy and Ferroptosis by <i>Thymus vulgaris</i> and <i>Arctium lappa</i> Extract in Leukemia and Multiple Myeloma Cell Lines. <i>Molecules</i> , 2020, 25, 5016.	1.7	26
4262	Lipids and membrane-associated proteins in autophagy. <i>Protein and Cell</i> , 2021, 12, 520-544.	4.8	47
4263	<i>Siniperca chuatsi</i> rhabdovirus (SCRV) induces autophagy via PI3K/Akt-mTOR pathway in CPB cells. <i>Fish and Shellfish Immunology</i> , 2020, 102, 381-388.	1.6	13
4264	<i>Streptococcus pneumoniae</i> hijacks host autophagy by deploying CbpC as a decoy for Atg14 depletion. <i>EMBO Reports</i> , 2020, 21, e49232.	2.0	12
4265	The Role of Mitochondrial Dynamics and Mitophagy in Carcinogenesis, Metastasis and Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 413.	1.8	77
4266	Iron Promotes Dihydroartemisinin Cytotoxicity via ROS Production and Blockade of Autophagic Flux via Lysosomal Damage in Osteosarcoma. <i>Frontiers in Pharmacology</i> , 2020, 11, 444.	1.6	22
4267	Mechanisms governing autophagosome biogenesis. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 439-458.	16.1	476
4268	Prokineticin 2 (PK2) Rescues Cardiomyocytes from High Glucose/High Palmitic Acid-Induced Damage by Regulating the AKT/GSK3 ^β Pathway In Vitro. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	1.9	10
4269	Parkin deficiency accentuates chronic alcohol intake-induced tissue injury and autophagy defects in brain, liver and skeletal muscle. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 665-674.	0.9	10
4270	Autophagy Participates in Lysosomal Vacuolation-Mediated Cell Death in RGNNV-Infected Cells. <i>Frontiers in Microbiology</i> , 2020, 11, 790.	1.5	19
4271	Exosomes derived from umbilical cord mesenchymal stem cells alleviate viral myocarditis through activating AMPK/mTORâ€mediated autophagy flux pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7515-7530.	1.6	51
4272	Dual Role of Autophagy in Regulation of Mesenchymal Stem Cell Senescence. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 276.	1.8	36

#	ARTICLE	IF	CITATIONS
4273	Autophagosome biogenesis and human health. <i>Cell Discovery</i> , 2020, 6, 33.	3.1	66
4274	2-Hydroxypropyl-gamma-cyclodextrin overcomes NPC1 deficiency by enhancing lysosome-ER association and autophagy. <i>Scientific Reports</i> , 2020, 10, 8663.	1.6	18
4275	Manipulation of Host Cell Organelles by Intracellular Pathogens. , 2020, , 179-196.		2
4276	Autophagy-inhibiting polymer as an effective nonviral cancer gene therapy vector with inherent apoptosis-sensitizing ability. <i>Biomaterials</i> , 2020, 255, 120156.	5.7	18
4277	Regulation of Expression of Autophagy Genes by Atg8a-Interacting Partners Sequoia, YL-1, and Sir2 in <i>Drosophila</i> . <i>Cell Reports</i> , 2020, 31, 107695.	2.9	19
4278	Activation and targeting of ATG8 protein lipidation. <i>Cell Discovery</i> , 2020, 6, 23.	3.1	111
4279	The LC3-conjugation machinery specifies cargo loading and secretion of extracellular vesicles. <i>Autophagy</i> , 2020, 16, 1169-1171.	4.3	10
4280	Reduced mitophagy in the cochlea of aged C57BL/6J mice. <i>Experimental Gerontology</i> , 2020, 137, 110946.	1.2	16
4281	Neuroglial transmitophagy and Parkinson's disease. <i>Glia</i> , 2020, 68, 2277-2299.	2.5	47
4282	New emerging roles of Polycystin-2 in the regulation of autophagy. <i>International Review of Cell and Molecular Biology</i> , 2020, 354, 165-186.	1.6	5
4283	Progress and Challenges in the Use of MAP1LC3 as a Legitimate Marker for Measuring Dynamic Autophagy In Vivo. <i>Cells</i> , 2020, 9, 1321.	1.8	27
4284	HOTTIP Predicts Poor Survival in Gastric Cancer Patients and Contributes to Cisplatin Resistance by Sponging miR-216a-5p. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 348.	1.8	23
4285	Molecular Chaperones and Proteolytic Machineries Regulate Protein Homeostasis in Aging Cells. <i>Cells</i> , 2020, 9, 1308.	1.8	25
4286	Autophagy controls the induction and developmental decline of NMDAR-LTD through endocytic recycling. <i>Nature Communications</i> , 2020, 11, 2979.	5.8	25
4287	Autophagy in cancers including brain tumors: role of MicroRNAs. <i>Cell Communication and Signaling</i> , 2020, 18, 88.	2.7	40
4288	Nanoparticles induce autophagy via mTOR pathway inhibition and reactive oxygen species generation. <i>Nanomedicine</i> , 2020, 15, 1419-1435.	1.7	20
4289	TECPR1 promotes aggrephagy by direct recruitment of LC3C autophagosomes to lysosomes. <i>Nature Communications</i> , 2020, 11, 2993.	5.8	29
4290	Metformin Affects Paclitaxel Sensitivity of Ovarian Cancer Cells Through Autophagy Mediated by Long Noncoding RNASNHG7/miR-3127-5p Axis. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2022, 37, 792-801.	0.7	10

#	ARTICLE	IF	CITATIONS
4291	PGC-1 β -mediated regulation of mitochondrial function and physiological implications. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 927-936.	0.9	102
4292	Bacterial-induced cell fusion is a danger signal triggering cGAS \rightarrow STING pathway via micronuclei formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15923-15934.	3.3	46
4293	PGC-1 β regulates autophagy to promote fibroblast activation and tissue fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1227-1233.	0.5	19
4294	Propionic acid induces dendritic spine loss by MAPK/ERK signaling and dysregulation of autophagic flux. <i>Molecular Brain</i> , 2020, 13, 86.	1.3	12
4295	Emerging New Concepts of Degradation Technologies. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 464-474.	4.0	116
4296	Foot-and-mouth disease virus induces PERK mediated autophagy to suppress antiviral interferon response. <i>Journal of Cell Science</i> , 2020, 134, .	1.2	20
4297	Metformin Promotes Beclin1-Dependent Autophagy to Inhibit the Progression of Gastric Cancer. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 4445-4455.	1.0	17
4298	α -Linolenic Acid-Enriched Cold-Pressed Perilla Oil Suppress High-Fat Diet-Induced Hepatic Steatosis through Amelioration of the ER Stress-Mediated Autophagy. <i>Molecules</i> , 2020, 25, 2662.	1.7	17
4299	Tubulosine selectively inhibits JAK3 signalling by binding to the ATP \rightarrow binding site of the kinase of JAK3. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7427-7438.	1.6	6
4300	Role of Autophagy in Male Reproductive Processes in Land Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 756.	1.7	15
4301	Physiological and pathological regulation of autophagy in pregnancy. <i>Archives of Gynecology and Obstetrics</i> , 2020, 302, 293-303.	0.8	15
4302	Long non-coding RNA<i>TUG1</i> and its molecular mechanisms in polycystic ovary syndrome. <i>RNA Biology</i> , 2020, 17, 1798-1810.	1.5	8
4303	Germacrone Induces Apoptosis as Well as Protective Autophagy in Human Prostate Cancer Cells. <i>Cancer Management and Research</i> , 2020, Volume 12, 4009-4016.	0.9	12
4304	4-O-methylascochlorin activates autophagy by activating AMPK and suppressing c-Myc in glioblastoma. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22552.	1.4	8
4305	Crosstalk between apoptosis and autophagy signaling pathways. <i>International Review of Cell and Molecular Biology</i> , 2020, 352, 115-158.	1.6	51
4306	PEBP1 acts as a rheostat between prosurvival autophagy and ferroptotic death in asthmatic epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14376-14385.	3.3	57
4307	Apigenin Protects Mouse Retina against Oxidative Damage by Regulating the Nrf2 Pathway and Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	19
4308	Pro-Senescence and Anti-Senescence Mechanisms of Cardiovascular Aging: Cardiac MicroRNA Regulation of Longevity Drug-Induced Autophagy. <i>Frontiers in Pharmacology</i> , 2020, 11, 774.	1.6	18

#	ARTICLE	IF	CITATIONS
4309	Autophagy: a promising process for the treatment of acetaminophen-induced liver injury. Archives of Toxicology, 2020, 94, 2925-2938.	1.9	16
4310	Toona sinensis modulates autophagy and cytokines in lipopolysaccharide-induced RAW 264.7 macrophages. Biomedicine and Pharmacotherapy, 2020, 129, 110386.	2.5	10
4311	Sanguisorba officinalis L. derived from herbal medicine prevents intestinal inflammation by inducing autophagy in macrophages. Scientific Reports, 2020, 10, 9972.	1.6	22
4312	17 β -estradiol inhibits H ₂ O ₂ -induced senescence in HUVEC cells through upregulating SIRT3 expression and promoting autophagy. Biogerontology, 2020, 21, 549-557.	2.0	16
4313	Effects of NIX-mediated mitophagy on oxLDL-induced macrophage pyroptosis in atherosclerosis. Cell Biology International, 2020, 44, 1481-1490.	1.4	40
4314	LRPPRC sustains Yap-P27-mediated cell ploidy and P62-HDAC6-mediated autophagy maturation and suppresses genome instability and hepatocellular carcinomas. Oncogene, 2020, 39, 3879-3892.	2.6	23
4315	The Effects of Yuan-Zhi Decoction and Its Active Ingredients in Both In Vivo and In Vitro Models of Chronic Cerebral Hypoperfusion by Regulating the Levels of A β ² and Autophagy. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-16.	0.5	2
4316	Regulation of Autophagy in Chick Skeletal Muscle: Effect of mTOR Inhibition. Journal of Poultry Science, 2020, 57, 77-83.	0.7	5
4317	Autophagy-Dependent Ferroptosis: Machinery and Regulation. Cell Chemical Biology, 2020, 27, 420-435.	2.5	399
4318	Glucocorticoid-induced autophagy and apoptosis in bone. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 157-168.	2.2	31
4319	Induction of Autophagy and Changes in Cellular Metabolism in Glucose Starved C2C12 Myotubes. Journal of Nutritional Science and Vitaminology, 2020, 66, 41-47.	0.2	8
4320	Autophagy and Stem Cells: Self-Eating for Self-Renewal. Frontiers in Cell and Developmental Biology, 2020, 8, 138.	1.8	90
4321	The effect of selenium on the autophagy of macrophage infected by Staphylococcus aureus. International Immunopharmacology, 2020, 83, 106406.	1.7	17
4322	Complex Cell Type-Specific Roles of Autophagy in Liver Fibrosis and Cirrhosis. Pathogens, 2020, 9, 225.	1.2	14
4323	Design, synthesis and anticancer activity of naphthoquinone derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 773-785.	2.5	16
4324	The Proteasomal Deubiquitinating Enzyme PSMD14 Regulates Macroautophagy by Controlling Golgi-to-ER Retrograde Transport. Cells, 2020, 9, 777.	1.8	12
4325	Arctigenin suppresses cell proliferation via autophagy inhibition in hepatocellular carcinoma cells. Journal of Natural Medicines, 2020, 74, 525-532.	1.1	10
4326	Peroxisomal Dysfunction in Neurological Diseases and Brain Aging. Frontiers in Cellular Neuroscience, 2020, 14, 44.	1.8	29

#	ARTICLE	IF	CITATIONS
4327	Rapamycin promotes endothelialâ€“mesenchymal transition during stress-induced premature senescence through the activation of autophagy. <i>Cell Communication and Signaling</i> , 2020, 18, 43.	2.7	28
4328	Escaping the Phagocytic Oxidative Burst: The Role of SODB in the Survival of <i>Pseudomonas aeruginosa</i> Within Macrophages. <i>Frontiers in Microbiology</i> , 2020, 11, 326.	1.5	25
4329	Modulating the dose-rate differently affects the responsiveness of human epithelial prostate- and mesenchymal rhabdomyosarcoma-cancer cell line to radiation. <i>International Journal of Radiation Biology</i> , 2020, 96, 823-835.	1.0	12
4330	Remote Ischemic Preconditioning Induces Cardioprotective Autophagy and Signals through the IL-6-Dependent JAK-STAT Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1692.	1.8	27
4331	A reciprocal regulation of spermidine and autophagy in podocytes maintains the filtration barrier. <i>Kidney International</i> , 2020, 98, 1434-1448.	2.6	18
4332	Long-term oral melatonin alleviates memory deficits, reduces amyloid-Î² deposition associated with downregulation of BACE1 and mitophagy in APP/PS1 transgenic mice. <i>Neuroscience Letters</i> , 2020, 735, 135192.	1.0	29
4333	A Novel E2F1-EP300-VMP1 Pathway Mediates Gemcitabine-Induced Autophagy in Pancreatic Cancer Cells Carrying Oncogenic KRAS. <i>Frontiers in Endocrinology</i> , 2020, 11, 411.	1.5	13
4334	A Low Dose of Nanoparticulate Silver Induces Mitochondrial Dysfunction and Autophagy in Adult Rat Brain. <i>Neurotoxicity Research</i> , 2020, 38, 650-664.	1.3	40
4335	Autophagy in the crosstalk between tumor and microenvironment. <i>Cancer Letters</i> , 2020, 490, 143-153.	3.2	46
4336	ATM-deficient neural precursors develop senescence phenotype with disturbances in autophagy. <i>Mechanisms of Ageing and Development</i> , 2020, 190, 111296.	2.2	20
4337	Autophagy in brain tumor immune evasion and responses to immunotherapy. , 2020, , 29-52.		3
4338	Inhibition of autophagy enhances timosaponin AIII-induced lung cancer cell apoptosis and anti-tumor effect in vitro and in vivo. <i>Life Sciences</i> , 2020, 257, 118040.	2.0	16
4339	Ageing is associated with a decline in Atg9â€“mediated autophagosome formation and appearance of enlarged mitochondria in the heart. <i>Aging Cell</i> , 2020, 19, e13187.	3.0	46
4340	Outside in: Roles of complement in autophagy. <i>British Journal of Pharmacology</i> , 2021, 178, 2786-2801.	2.7	12
4341	Silver nanoparticles regulate autophagy through lysosome injury and cell hypoxia in prostate cancer cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22474.	1.4	38
4342	Alphaâ€“lipoic acid inhibits lung cancer growth via mTORâ€“mediated autophagy inhibition. <i>FEBS Open Bio</i> , 2020, 10, 607-618.	1.0	16
4343	ROS enhances the cytotoxicity of cisplatin by inducing apoptosis and autophagy in tongue squamous cell carcinoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 122, 105732.	1.2	38
4344	Autophagy and mTOR signaling during intervertebral disc aging and degeneration. <i>JOR Spine</i> , 2020, 3, e1082.	1.5	51

#	ARTICLE	IF	CITATIONS
4345	Autophagy of bovine mammary epithelial cell induced by intracellular <i>Staphylococcus aureus</i> . <i>Journal of Microbiology</i> , 2020, 58, 320-329.	1.3	14
4346	Silica dust exposure induces autophagy in alveolar macrophages through switching Beclin1 affinity from Bcl-2 to PI3C3. <i>Environmental Toxicology</i> , 2020, 35, 758-767.	2.1	7
4347	NADPH protects against kainic acid-induced excitotoxicity via autophagy-lysosome pathway in rat striatum and primary cortical neurons. <i>Toxicology</i> , 2020, 435, 152408.	2.0	16
4348	Catenulispordins A and B, 16-membered macrolides of the hygrolidin family produced by the chemically underexplored actinobacterium <i>Catenulispora</i> species. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127005.	1.0	5
4349	Functional role of c-Jun NH ₂ -terminal kinase-associated leucine zipper protein (JLP) in lysosome localization and autophagy. <i>Drug Discoveries and Therapeutics</i> , 2020, 14, 35-41.	0.6	11
4350	Bruceine D induces lung cancer cell apoptosis and autophagy via the ROS/MAPK signaling pathway in vitro and in vivo. <i>Cell Death and Disease</i> , 2020, 11, 126.	2.7	105
4351	Identification of Lacrimal Gland Postganglionic Innervation and Its Regulation of Tear Secretion. <i>American Journal of Pathology</i> , 2020, 190, 1068-1079.	1.9	37
4352	Hydroxysafflor yellow A inhibits hypoxia/reoxygenation-induced cardiomyocyte injury via regulating the AMPK/NLRP3 inflammasome pathway. <i>International Immunopharmacology</i> , 2020, 82, 106316.	1.7	26
4353	MitoBlue as a tool to analyze the mitochondria-lysosome communication. <i>Scientific Reports</i> , 2020, 10, 3528.	1.6	7
4354	Autophagy Activation in Zebrafish Heart Regeneration. <i>Scientific Reports</i> , 2020, 10, 2191.	1.6	24
4355	Luteolin Exerts Neuroprotection via Modulation of the p62/Keap1/Nrf2 Pathway in Intracerebral Hemorrhage. <i>Frontiers in Pharmacology</i> , 2019, 10, 1551.	1.6	65
4356	How autophagy can restore proteostasis defects in multiple diseases?. <i>Medicinal Research Reviews</i> , 2020, 40, 1385-1439.	5.0	27
4357	A Metal-Organic Framework (MOF) Fenton Nanoagent Enabled Nanocatalytic Cancer Therapy in Synergy with Autophagy Inhibition. <i>Advanced Materials</i> , 2020, 32, e1907152.	11.1	220
4358	Toxicity mechanisms of selected engineered nanoparticles on human neural cells in vitro. <i>Toxicology</i> , 2020, 432, 152364.	2.0	41
4359	Occurrence of Retinal Ganglion Cell Loss via Autophagy and Apoptotic Pathways in an Autoimmune Glaucoma Model. <i>Current Eye Research</i> , 2020, 45, 1124-1135.	0.7	11
4360	DDIT4 gene expression is switched on by a new HDAC4 function in ataxia telangiectasia. <i>FASEB Journal</i> , 2020, 34, 1802-1818.	0.2	8
4361	Crosstalk between oxidative stress-induced apoptotic and autophagic signaling pathways in Zn(II) phthalocyanine photodynamic therapy of melanoma. <i>Free Radical Biology and Medicine</i> , 2020, 152, 743-754.	1.3	34
4362	The autophagic-lysosomal and ubiquitin proteasome systems are simultaneously activated in the skeletal muscle of gastric cancer patients with cachexia. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 570-579.	2.2	43

#	ARTICLE	IF	CITATIONS
4363	Autophagy and autophagy-related proteins in cancer. <i>Molecular Cancer</i> , 2020, 19, 12.	7.9	815
4364	Autophagy modulates A β 2 accumulation and formation of aggregates in yeast. <i>Molecular and Cellular Neurosciences</i> , 2020, 104, 103466.	1.0	9
4365	Autophagy related gene expression status in patients diagnosed with azoospermia: A cross-sectional study. <i>Journal of Gene Medicine</i> , 2020, 22, e3161.	1.4	11
4366	Autophagic degradation of the endoplasmic reticulum. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2020, 96, 1-9.	1.6	8
4367	Silver nanoparticles stimulate osteogenesis of human mesenchymal stem cells through activation of autophagy. <i>Nanomedicine</i> , 2020, 15, 337-353.	1.7	37
4368	<i>Streptococcus pneumoniae</i> triggers hierarchical autophagy through reprogramming of LAPosome-like vesicles via NDP52-delocalization. <i>Communications Biology</i> , 2020, 3, 25.	2.0	17
4369	Intravenous immunoglobulin mediates anti-inflammatory effects in peripheral blood mononuclear cells by inducing autophagy. <i>Cell Death and Disease</i> , 2020, 11, 50.	2.7	30
4370	Vesicle Trafficking, Autophagy and Nanoparticles: A Brief Review. <i>Current Nanomedicine</i> , 2020, 10, 3-19.	0.2	1
4371	Hepatitis Delta Virus Alters the Autophagy Process To Promote Its Genome Replication. <i>Journal of Virology</i> , 2020, 94, .	1.5	13
4372	Rapamycin-Preactivated Autophagy Enhances Survival and Differentiation of Mesenchymal Stem Cells After Transplantation into Infarcted Myocardium. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 344-356.	1.7	27
4373	AXL Targeting Abrogates Autophagic Flux and Induces Immunogenic Cell Death in Drug-Resistant Cancer Cells. <i>Journal of Thoracic Oncology</i> , 2020, 15, 973-999.	0.5	66
4374	Fe3O4 Nanoparticles Attenuated Salmonella Infection in Chicken Liver Through Reactive Oxygen and Autophagy via PI3K/Akt/mTOR Signaling. <i>Frontiers in Physiology</i> , 2019, 10, 1580.	1.3	20
4375	β -Caryophyllene Inhibits Cell Proliferation through a Direct Modulation of CB2 Receptors in Glioblastoma Cells. <i>Cancers</i> , 2020, 12, 1038.	1.7	46
4376	The Contribution of Astrocyte Autophagy to Systemic Metabolism. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2479.	1.8	21
4377	Deletion of the <i>Impg2</i> gene causes the degeneration of rod and cone cells in mice. <i>Human Molecular Genetics</i> , 2020, 29, 1624-1634.	1.4	14
4378	mTOR Suppresses Macroautophagy During Striatal Postnatal Development and Is Hyperactive in Mouse Models of Autism Spectrum Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 70.	1.8	20
4379	A BET family protein degrader provokes senolysis by targeting NHEJ and autophagy in senescent cells. <i>Nature Communications</i> , 2020, 11, 1935.	5.8	118
4380	Transcriptomic Profiling Identifies Differentially Expressed Genes in Palbociclib-Resistant ER+ MCF7 Breast Cancer Cells. <i>Genes</i> , 2020, 11, 467.	1.0	12

#	ARTICLE	IF	CITATIONS
4381	<i>Aedes albopictus</i> Autophagy-Related Gene 8 (AaAtg8) Is Required to Confer Anti-Bacterial Gut Immunity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2944.	1.8	8
4382	Cucurbitacin B and cisplatin induce the cell death pathways in MB49 mouse bladder cancer model. <i>Experimental Biology and Medicine</i> , 2020, 245, 805-814.	1.1	10
4383	Gestational diabetes mellitus affects placental iron homeostasis: Mechanism and clinical implications. <i>FASEB Journal</i> , 2020, 34, 7311-7329.	0.2	20
4384	Autophagy Induced by Proteasomal DUB Inhibitor NiPT Restricts NiPT-Mediated Cancer Cell Death. <i>Frontiers in Oncology</i> , 2020, 10, 348.	1.3	8
4385	Autophagy is involved in the sclerotic phase of systemic sclerosis. <i>Fukushima Journal of Medical Sciences</i> , 2020, 66, 17-24.	0.1	3
4386	Inhibition of Cathepsin D (CTSD) enhances radiosensitivity of glioblastoma cells by attenuating autophagy. <i>Molecular Carcinogenesis</i> , 2020, 59, 651-660.	1.3	33
4387	A DNMT2 Centronuclear Myopathy Mutation Reveals a Link between Recycling Endosome Scission and Autophagy. <i>Developmental Cell</i> , 2020, 53, 154-168.e6.	3.1	30
4388	The Golgi as an Assembly Line to the Autophagosome. <i>Trends in Biochemical Sciences</i> , 2020, 45, 484-496.	3.7	61
4389	Emerging connections between oxidative stress, defective proteolysis, and metabolic diseases. <i>Free Radical Research</i> , 2020, 54, 931-946.	1.5	17
4390	Autophagy Increases Zinc Bioavailability to Avoid Light-Mediated Reactive Oxygen Species Production under Zinc Deficiency. <i>Plant Physiology</i> , 2020, 182, 1284-1296.	2.3	41
4391	Membrane targeting of core autophagy players during autophagosome biogenesis. <i>FEBS Journal</i> , 2020, 287, 4806-4821.	2.2	12
4392	Mitophagy in the Pathogenesis of Liver Diseases. <i>Cells</i> , 2020, 9, 831.	1.8	48
4393	Physiopathological Bases of the Disease Caused by HACE1 Mutations: Alterations in Autophagy, Mitophagy and Oxidative Stress Response. <i>Journal of Clinical Medicine</i> , 2020, 9, 913.	1.0	11
4394	Sexual differences in mitochondrial and related proteins in rat cerebral microvessels: A proteomic approach. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 397-412.	2.4	50
4395	Phosphatase-associated protein MoTip41 interacts with the phosphatase MoPpe1 to mediate crosstalk between TOR and cell wall integrity signalling during infection by the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2021, 23, 791-809.	1.8	18
4396	Dilated cardiomyopathy-linked heat shock protein family D member 1 mutations cause up-regulation of reactive oxygen species and autophagy through mitochondrial dysfunction. <i>Cardiovascular Research</i> , 2021, 117, 1118-1131.	1.8	17
4397	Induction of autophagy by Beclin-1 in granulosa cells contributes to follicular progesterone elevation in ovarian endometriosis. <i>Translational Research</i> , 2021, 227, 15-29.	2.2	20
4398	Trehalose alleviates oxidative stress-mediated liver injury and Mallory-Denk body formation via activating autophagy in mice. <i>Medical Molecular Morphology</i> , 2021, 54, 41-51.	0.4	17

#	ARTICLE	IF	CITATIONS
4399	AMPK activation does not enhance autophagy in neurons in contrast to MTORC1 inhibition: different impact on β -amyloid clearance. <i>Autophagy</i> , 2021, 17, 656-671.	4.3	26
4400	Canonical and Noncanonical Autophagy Pathways in Microglia. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	22
4401	Regulation of AKT/AMPK signaling, autophagy and mitigation of apoptosis in Rutin-pretreated SH-SY5Y cells exposed to MPP+. <i>Metabolic Brain Disease</i> , 2021, 36, 315-326.	1.4	14
4402	The role of autophagy in human cytomegalovirus IE2 expression. <i>Journal of Medical Virology</i> , 2021, 93, 3795-3803.	2.5	3
4403	Effect of orexin α on mitochondrial biogenesis, mitophagy and structure in HEK293 α APP _{SWE} cell model of Alzheimer's disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 355-360.	0.9	11
4404	Effect of mitophagy in oocytes and granulosa cells on oocyte quality α . <i>Biology of Reproduction</i> , 2021, 104, 294-304.	1.2	20
4405	Host Delipidation Mediated by Bacterial Effectors. <i>Trends in Microbiology</i> , 2021, 29, 238-250.	3.5	8
4406	Costunolide and dehydrocostuslactone from <i>Saussurea lappa</i> root inhibit autophagy in hepatocellular carcinoma cells. <i>Journal of Natural Medicines</i> , 2021, 75, 240-245.	1.1	17
4407	Substrate stiffness differentially impacts autophagy of endothelial cells and smooth muscle cells. <i>Bioactive Materials</i> , 2021, 6, 1413-1422.	8.6	30
4408	<i>Cryptosporidium parvum</i> infection induces autophagy in intestinal epithelial cells. <i>Cellular Microbiology</i> , 2021, 23, e13298.	1.1	13
4409	CXXC5 orchestrates Stat3/Erk/Akt signaling networks to modulate <i>P. gingivalis</i> -elicited autophagy in cementoblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118923.	1.9	13
4410	Trehalose induces SQSTM1/p62 expression and enhances lysosomal activity and antioxidative capacity in adipocytes. <i>FEBS Open Bio</i> , 2021, 11, 185-194.	1.0	6
4411	Heat shock increases levels of reactive oxygen species, autophagy and apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118924.	1.9	22
4412	Monitoring autophagy-dependent ferroptosis. <i>Methods in Cell Biology</i> , 2021, 165, 163-176.	0.5	10
4413	NPM1 mutant maintains ULK1 protein stability via TRAF6 α -dependent ubiquitination to promote autophagic cell survival in leukemia. <i>FASEB Journal</i> , 2021, 35, e21192.	0.2	15
4414	Bafilomycin A1 enhances NLRP3 inflammasome activation in human monocytes independent of lysosomal acidification. <i>FEBS Journal</i> , 2021, 288, 3186-3196.	2.2	10
4415	Particulate β -glucan activates early and delayed phagosomal maturation and autophagy within macrophage in a NOX-2 dependent manner. <i>Life Sciences</i> , 2021, 266, 118851.	2.0	5
4416	Protective effects of polysaccharides on cerebral ischemia: A mini-review of the mechanisms. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 463-472.	3.6	12

#	ARTICLE	IF	CITATIONS
4417	Oleate-induced aggregation of LC3 at the trans-Golgi network is linked to a protein trafficking blockade. <i>Cell Death and Differentiation</i> , 2021, 28, 1733-1752.	5.0	6
4418	New derivatives of 4-phenyl-2,6-bis(2-terpyridine) as promising anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113032.	2.6	20
4419	Autophagy in white matter disorders of the CNS : mechanisms and therapeutic opportunities. <i>Journal of Pathology</i> , 2021, 253, 133-147.	2.1	7
4420	Transcranial Low-Intensity Pulsed Ultrasound Stimulation Induces Neuronal Autophagy. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 46-53.	1.7	8
4421	More serious autophagy can be induced by ZnO nanoparticles than single-walled carbon nanotubes in rat tracheal epithelial cells. <i>Environmental Toxicology</i> , 2021, 36, 238-248.	2.1	6
4422	The plant protein NbP3IP directs degradation of Rice stripe virus p3 silencing suppressor protein to limit virus infection through interaction with the autophagy-related protein NbATG8. <i>New Phytologist</i> , 2021, 229, 1036-1051.	3.5	49
4423	Autophagy and PTEN in DNA damage-induced senescence. <i>Advances in Cancer Research</i> , 2021, 150, 249-284.	1.9	13
4424	FSTL1 aggravates cigarette smoke-induced airway inflammation and airway remodeling by regulating autophagy. <i>BMC Pulmonary Medicine</i> , 2021, 21, 45.	0.8	7
4425	Pluripotent Stem Cells for Disease Modeling and Drug Discovery in Niemann-Pick Type C1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 710.	1.8	8
4426	Structural basis of GABARAP-mediated GABAA receptor trafficking and functions on GABAergic synaptic transmission. <i>Nature Communications</i> , 2021, 12, 297.	5.8	15
4427	Hydrogen sulfide-induced GAPDH sulfhydration disrupts the CCAR2-SIRT1 interaction to initiate autophagy. <i>Autophagy</i> , 2021, 17, 3511-3529.	4.3	36
4428	Expression pattern of the autophagy related proteins Beclin1 and LC3B in tuberculous wound tissues. <i>European Journal of Inflammation</i> , 2021, 19, 205873922110248.	0.2	0
4429	High throughput screening for autophagy. <i>Methods in Cell Biology</i> , 2021, 165, 89-101.	0.5	1
4430	VCP/p97 regulates Beclin-1-dependent autophagy initiation. <i>Nature Chemical Biology</i> , 2021, 17, 448-455.	3.9	61
4431	Caveolin-1 promotes radioresistance via IRGM-regulated autophagy in lung cancer. <i>Annals of Translational Medicine</i> , 2021, 9, 47-47.	0.7	12
4432	Quantitative determination of autophagy flux by probes. <i>Methods in Cell Biology</i> , 2021, 164, 157-165.	0.5	1
4433	Metformin Resensitizes Sorafenib-Resistant HCC Cells Through AMPK-Dependent Autophagy Activation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 596655.	1.8	19
4434	Tumor heterogeneity in autophagy-dependent ferroptosis. <i>Autophagy</i> , 2021, 17, 3361-3374.	4.3	116

#	ARTICLE	IF	CITATIONS
4435	Enriched environment boosts the post-stroke recovery of neurological function by promoting autophagy. <i>Neural Regeneration Research</i> , 2021, 16, 813.	1.6	23
4436	Rapamycin relieves the cataract caused by ablation of <i>Gja8b</i> through stimulating autophagy in zebrafish. <i>Autophagy</i> , 2021, 17, 3323-3337.	4.3	38
4437	Autophagy facilitates type I collagen synthesis in periodontal ligament cells. <i>Scientific Reports</i> , 2021, 11, 1291.	1.6	14
4438	Assessment of EGFP-Q74 degradation for the measurement of autophagic flux. <i>Methods in Cell Biology</i> , 2021, 165, 31-38.	0.5	1
4439	Alternative approaches to overcome chemoresistance to apoptosis in cancer. <i>Advances in Protein Chemistry and Structural Biology</i> , 2021, 126, 91-122.	1.0	13
4440	Diterpenoids with an unprecedented ring system from <i>Euphorbia peplus</i> and their activities in the lysosomal-autophagy pathway. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1541-1545.	1.5	10
4441	Ginsenoside Rg1 and Resveratrol Alleviate Acute Kidney Injury Induced by Cisplatin via Downregulation of Autophagy in Mice. <i>Yangtze Medicine</i> , 2021, 05, 12-22.	0.1	1
4442	Metformin Resensitizes Sorafenib-Resistant HCC Cells Through AMPK-Dependent Autophagy Activation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 8, .	1.8	3
4443	Activation of hypoxia-inducible factor 1 (Hif-1) enhanced bactericidal effects of macrophages to <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2021, 126, 102044.	0.8	12
4444	Live cell imaging of LC3 dynamics. <i>Methods in Cell Biology</i> , 2021, 164, 27-38.	0.5	1
4445	The effects of fipronil exposure on oxidative stress, non-specific immunity, autophagy, and apoptosis in the common carp. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27799-27810.	2.7	16
4446	Molecular mechanisms and physiological functions of mitophagy. <i>EMBO Journal</i> , 2021, 40, e104705.	3.5	553
4447	Acetyl-L-Carnitine Induces Autophagy to Promote Mouse Spermatogonia Cell Recovery after Heat Stress Damage. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	13
4448	Overview of noncanonical autophagy. , 2021, , 41-67.		2
4449	Canonical versus noncanonical autophagy. , 2021, , 1-8.		1
4450	Lysosome Depletion-Triggered Autophagy Impairment in Progressive Kidney Injury. <i>Kidney Diseases (Basel, Switzerland)</i> , 2021, 7, 254-267.	1.2	14
4451	The lifecycle of skeletal muscle mitochondria in obesity. <i>Obesity Reviews</i> , 2021, 22, e13164.	3.1	25
4452	Molecular Processes and Regulation of Autophagy. , 2021, , 1-27.		0

#	ARTICLE	IF	CITATIONS
4453	ATG7 is dispensable for LC3â€‘PE conjugation in thioglycolate-elicited mouse peritoneal macrophages. <i>Autophagy</i> , 2021, 17, 3402-3407.	4.3	15
4454	MOAPâ€‘mediated dissociation of p62/SQSTM1 bodies releases Keap1 and suppresses Nrf2 signaling. <i>EMBO Reports</i> , 2021, 22, e50854.	2.0	31
4456	Autophagy Paradox of Cancer: Role, Regulation, and Duality. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	32
4457	ATG5 promotes eosinopoiesis but inhibits eosinophil effector functions. <i>Blood</i> , 2021, 137, 2958-2969.	0.6	11
4458	Hallmarks and detection techniques of cellular senescence and cellular ageing in immune cells. <i>Aging Cell</i> , 2021, 20, e13316.	3.0	54
4459	Physalin B ameliorates nonalcoholic steatohepatitis by stimulating autophagy and NRF2 activation mediated improvement in oxidative stress. <i>Free Radical Biology and Medicine</i> , 2021, 164, 1-12.	1.3	19
4460	Pentapartite fractionation of particles in oral fluids by differential centrifugation. <i>Scientific Reports</i> , 2021, 11, 3326.	1.6	12
4461	Role of ferritinophagy in cystine deprivation-induced cell death in glioblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 539, 56-63.	1.0	22
4462	Mitophagy receptor FUNDC1 is regulated by PGCâ€‘1â€‘/NRF1 to fine tune mitochondrial homeostasis. <i>EMBO Reports</i> , 2021, 22, e50629.	2.0	58
4463	Prebiotic Lactulose Ameliorates the Cognitive Deficit in Alzheimerâ€™s Disease Mouse Model through Macroautophagy and Chaperone-Mediated Autophagy Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2422-2437.	2.4	37
4464	Disruption of p97/VCP induces autophagosome accumulation, cell cycle arrest and apoptosis in human choriocarcinoma cells. <i>Molecular Biology Reports</i> , 2021, 48, 2163-2171.	1.0	4
4465	The Role of Lipophagy in the Development and Treatment of Non-Alcoholic Fatty Liver Disease. <i>Frontiers in Endocrinology</i> , 2020, 11, 601627.	1.5	50
4466	Molecular imaging of the kinetics of hyperactivated ERK1/2-mediated autophagy during acquirement of chemoresistance. <i>Cell Death and Disease</i> , 2021, 12, 161.	2.7	9
4467	Miconazole induces autophagic death in glioblastoma cells via reactive oxygen speciesâ€‘mediated endoplasmic reticulum stress. <i>Oncology Letters</i> , 2021, 21, 335.	0.8	11
4468	METTL3-mediated m6A methylation negatively modulates autophagy to support porcine blastocyst developmentâ€‘. <i>Biology of Reproduction</i> , 2021, 104, 1008-1021.	1.2	16
4469	Mitophagy in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 616079.	1.3	10
4470	Mixed signals â€‘ how <i>Trypanosoma cruzi</i> exploits host-cell communication and signaling to establish infection. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	3
4471	Synaptic activity controls autophagic vacuole motility and function in dendrites. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	38

#	ARTICLE	IF	CITATIONS
4472	Aerobic Exercise Ameliorates Cancer Cachexia-Induced Muscle Wasting through Adiponectin Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3110.	1.8	15
4473	Modulation of Endosome Function, Vesicle Trafficking and Autophagy by Human Herpesviruses. <i>Cells</i> , 2021, 10, 542.	1.8	7
4474	The role of autophagy in metal-induced urogenital carcinogenesis. <i>Seminars in Cancer Biology</i> , 2021, 76, 247-257.	4.3	6
4475	Rapamycin Inhibits Glioma Cells Growth and Promotes Autophagy by miR-26a-5p/DAPK1 Axis. <i>Cancer Management and Research</i> , 2021, Volume 13, 2691-2700.	0.9	18
4476	The BAX-binding protein MOAP1 associates with LC3 and promotes closure of the phagophore. <i>Autophagy</i> , 2021, 17, 3725-3739.	4.3	6
4477	<i>MED1</i> mediator subunit is a key regulator of hepatic autophagy and lipid metabolism. <i>Autophagy</i> , 2021, 17, 4043-4061.	4.3	18
4478	Selective autophagy of AKAP11 activates cAMP/PKA to fuel mitochondrial metabolism and tumor cell growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	27
4479	Prospect of early vascular tone and satellite cell modulations on white striping muscle myopathy. <i>Poultry Science</i> , 2021, 100, 100945.	1.5	10
4480	GSK3B induces autophagy by phosphorylating ULK1. <i>Experimental and Molecular Medicine</i> , 2021, 53, 369-383.	3.2	31
4481	Zn Induces Lipophagy via the Deacetylation of Beclin1 and Alleviates Cu-Induced Lipotoxicity at Their Environmentally Relevant Concentrations. <i>Environmental Science & Technology</i> , 2021, 55, 4943-4953.	4.6	29
4482	PKA compartmentalization links cAMP signaling and autophagy. <i>Cell Death and Differentiation</i> , 2021, 28, 2436-2449.	5.0	24
4483	THOC4 regulates energy homeostasis by stabilizing <i>TFEB</i> mRNA during prolonged starvation. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	0
4484	Endoplasmic Reticulum Stress and Autophagy in the Pathogenesis of Non-alcoholic Fatty Liver Disease (NAFLD): Current Evidence and Perspectives. <i>Current Obesity Reports</i> , 2021, 10, 134-161.	3.5	40
4485	Transcription factor EB (TFEB)-mediated autophagy protects bovine mammary epithelial cells against H2O2-induced oxidative damage in vitro. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 35.	2.1	17
4486	Atg7 Knockout Alleviated the Axonal Injury of Neuro-2a Cells Induced by Tri-Ortho-Cresyl Phosphate. <i>Neurotoxicity Research</i> , 2021, 39, 1076-1086.	1.3	2
4487	Sarco/Endoplasmic Reticulum Ca ²⁺ -Transporting ATPase (SERCA) Modulates Autophagic, Inflammatory, and Mitochondrial Responses during Influenza A Virus Infection in Human Lung Cells. <i>Journal of Virology</i> , 2021, 95, .	1.5	7
4488	The <i>Burkholderia pseudomallei</i> intracellular <i>TRANSITome</i> . <i>Nature Communications</i> , 2021, 12, 1907.	5.8	10
4489	WIPI1 promotes fission of endosomal transport carriers and formation of autophagosomes through distinct mechanisms. <i>Autophagy</i> , 2021, 17, 3644-3670.	4.3	25

#	ARTICLE	IF	CITATIONS
4490	TDP-43 and PINK1 mediate CHCHD10S59L mutation-induced defects in Drosophila and in vitro. <i>Nature Communications</i> , 2021, 12, 1924.	5.8	19
4491	Is targeting autophagy mechanism in cancer a good approach? The possible double-edge sword effect. <i>Cell and Bioscience</i> , 2021, 11, 56.	2.1	67
4492	Natural Polyphyllins (I, II, D, VI, VII) Reverses Cancer Through Apoptosis, Autophagy, Mitophagy, Inflammation, and Necroptosis. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 1821-1841.	1.0	9
4493	A protective role for autophagy in vitiligo. <i>Cell Death and Disease</i> , 2021, 12, 318.	2.7	21
4494	Molecular Mechanism of Autophagy and Its Regulation by Cannabinoids in Cancer. <i>Cancers</i> , 2021, 13, 1211.	1.7	19
4496	The Interplay of HIV and Autophagy in Early Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 661446.	1.5	20
4497	Melatonin induces the rejuvenation of long-term ex vivo expanded periodontal ligament stem cells by modulating the autophagic process. <i>Stem Cell Research and Therapy</i> , 2021, 12, 254.	2.4	26
4498	Reduced Retinal Degeneration in an Oxidative Stress Organ Culture Model through an iNOS-Inhibitor. <i>Biology</i> , 2021, 10, 383.	1.3	10
4499	From Proteomic Mapping to Invasion-Metastasis-Cascade Systemic Biomarkering and Targeted Drugging of Mutant BRAF-Dependent Human Cutaneous Melanomagenesis. <i>Cancers</i> , 2021, 13, 2024.	1.7	5
4500	Endoplasmic reticulum acetyltransferases Atase1 and Atase2 differentially regulate reticulophagy, macroautophagy and cellular acetyl-CoA metabolism. <i>Communications Biology</i> , 2021, 4, 454.	2.0	8
4501	Genistein Activates Transcription Factor EB and Corrects Niemann-Pick C Phenotype. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4220.	1.8	15
4502	How autophagy controls the intestinal epithelial barrier. <i>Autophagy</i> , 2022, 18, 86-103.	4.3	125
4503	Paeoniflorin suppresses allergic and inflammatory responses by promoting autophagy in rats with urticaria. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 590.	0.8	6
4504	Autophagy activation and photoreceptor survival in retinal detachment. <i>Experimental Eye Research</i> , 2021, 205, 108492.	1.2	7
4505	Membranous Structures Directly Come in Contact With p62/SQSTM1 Bodies. <i>Journal of Histochemistry and Cytochemistry</i> , 2021, 69, 407-414.	1.3	4
4506	Neuronal Autophagy: Characteristic Features and Roles in Neuronal Pathophysiology. <i>Biomolecules and Therapeutics</i> , 2021, 29, 605-614.	1.1	15
4507	Japanese encephalitis virus manipulates lysosomes membrane for RNA replication and utilizes autophagy components for intracellular growth. <i>Veterinary Microbiology</i> , 2021, 255, 109025.	0.8	8
4508	Manifestations of Age on Autophagy, Mitophagy and Lysosomes in Skeletal Muscle. <i>Cells</i> , 2021, 10, 1054.	1.8	21

#	ARTICLE	IF	CITATIONS
4509	Rosuvastatin Inhibits the Apoptosis of Platelet-Derived Growth Factor- α Stimulated Vascular Smooth Muscle Cells by Inhibiting p38 via Autophagy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 378, 10-19.	1.3	7
4510	A Transgenic Mouse Model of Eccentric Left Ventricular Hypertrophy With Preserved Ejection Fraction Exhibits Alterations in the Autophagy-Lysosomal Pathway. <i>Frontiers in Physiology</i> , 2021, 12, 614878.	1.3	2
4512	Rapamycin alleviates cognitive impairment in murine vascular dementia: The enhancement of mitophagy by PI3K/AKT/mTOR axis. <i>Tissue and Cell</i> , 2021, 69, 101481.	1.0	30
4513	ATG4D is the main ATG8 delipidating enzyme in mammalian cells and protects against cerebellar neurodegeneration. <i>Cell Death and Differentiation</i> , 2021, 28, 2651-2672.	5.0	9
4514	Chronic tribasic copper chloride exposure induces rat liver damage by disrupting the mitophagy and apoptosis pathways. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111968.	2.9	26
4515	Half sandwiched Ruthenium(II) complexes: En Route towards the targeted delivery by Human Serum Albumin (HSA). <i>Journal of Organometallic Chemistry</i> , 2021, 937, 121732.	0.8	12
4516	The impact of silver nanoparticles phytosynthesized with <i>Viburnum opulus</i> L. extract on the ultrastructure and cell death in the testis of offspring rats. <i>Food and Chemical Toxicology</i> , 2021, 150, 112053.	1.8	13
4517	Ellagic Acid Attenuates BLM-Induced Pulmonary Fibrosis via Inhibiting Wnt Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 639574.	1.6	10
4519	Iron Overload-Induced Ferroptosis Impairs Porcine Oocyte Maturation and Subsequent Embryonic Developmental Competence in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 673291.	1.8	14
4521	Mitophagy is involved in the mitochondrial dysfunction of vitrified porcine oocytes. <i>Molecular Reproduction and Development</i> , 2021, 88, 427-436.	1.0	7
4522	Autophagy as a potential therapeutic target in intervertebral disc degeneration. <i>Life Sciences</i> , 2021, 273, 119266.	2.0	30
4523	Crizotinib and Doxorubicin Cooperatively Reduces Drug Resistance by Mitigating MDR1 to Increase Hepatocellular Carcinoma Cells Death. <i>Frontiers in Oncology</i> , 2021, 11, 650052.	1.3	6
4524	NADPH-Oxidase 2 Promotes Autophagy in Spinal Neurons During the Development of Morphine Tolerance. <i>Neurochemical Research</i> , 2021, 46, 2089-2096.	1.6	4
4526	Lysosome-targeted photodynamic treatment induces primary keratinocyte differentiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 218, 112183.	1.7	2
4527	Δ -Synuclein mutation impairs processing of endomembrane compartments and promotes exocytosis and seeding of Δ -synuclein pathology. <i>Cell Reports</i> , 2021, 35, 109099.	2.9	29
4528	Genetic analysis of the <i>Drosophila</i> ESCRT-III complex protein, VPS24, reveals a novel function in lysosome homeostasis. <i>PLoS ONE</i> , 2021, 16, e0251184.	1.1	2
4529	Qianliexin capsule exerts anti-inflammatory activity in chronic non-bacterial prostatitis and benign prostatic hyperplasia via NF- κ B and inflammasome. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5753-5768.	1.6	24
4530	Autophagy Induction as a Host-Directed Therapeutic Strategy against <i>Mycobacterium tuberculosis</i> Infection. <i>Medicina (Lithuania)</i> , 2021, 57, 522.	0.8	8

#	ARTICLE	IF	CITATIONS
4531	Cadmium Impairs Autophagy Leading to Apoptosis by Ca ²⁺ -Dependent Activation of JNK Signaling Pathway in Neuronal Cells. <i>Neurochemical Research</i> , 2021, 46, 2033-2045.	1.6	11
4532	Nujiangexanthone A Inhibits Cervical Cancer Cell Proliferation by Promoting Mitophagy. <i>Molecules</i> , 2021, 26, 2858.	1.7	5
4533	<i>Antrodia salmonea</i> induces apoptosis and enhances cytoprotective autophagy in colon cancer cells. <i>Aging</i> , 2021, 13, 15964-15989.	1.4	18
4534	Inhibition of autophagy-dependent pyroptosis attenuates cerebral ischaemia/reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5060-5069.	1.6	22
4535	Involvement of Autophagy in Rat Tail Static Compression-Induced Intervertebral Disc Degeneration and Notochordal Cell Disappearance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5648.	1.8	15
4536	Mechanism of Autophagy Regulation in MPTP-Induced PD Mice via the mTOR Signaling Pathway by Echinacoside. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 1397-1411.	1.0	10
4537	Regulation of eosinophil functions by autophagy. <i>Seminars in Immunopathology</i> , 2021, 43, 347-362.	2.8	12
4538	Pumpkin Seed Extracts Inhibit Proliferation and Induce Autophagy in PC-3 Androgen Insensitive Prostate Cancer Cells. <i>Journal of Medicinal Food</i> , 2021, 24, 1076-1082.	0.8	6
4539	Phlorizin from sweet tea inhibits the progress of esophageal cancer by antagonizing the JAK2/STAT3 signaling pathway. <i>Oncology Reports</i> , 2021, 46, .	1.2	13
4540	Endogenous testosterone reduces hepatic lipid accumulation in protein-restricted male rats. <i>Nutrition</i> , 2021, 85, 111130.	1.1	4
4541	Cell death of hippocampal CA1 astrocytes during early epileptogenesis. <i>Epilepsia</i> , 2021, 62, 1569-1583.	2.6	15
4543	The role of autophagy in cardiovascular pathology. <i>Cardiovascular Research</i> , 2022, 118, 934-950.	1.8	34
4544	Receptor-mediated mitophagy regulates EPO production and protects against renal anemia. <i>ELife</i> , 2021, 10, .	2.8	11
4545	The effect of repeated bouts of electrical stimulation-induced muscle contractions on proteolytic signaling in rat skeletal muscle. <i>Physiological Reports</i> , 2021, 9, e14842.	0.7	2
4546	Active autophagy in cancer-associated fibroblasts: Recent advances in understanding the novel mechanism of tumor progression and therapeutic response. <i>Journal of Cellular Physiology</i> , 2021, 236, 7887-7902.	2.0	12
4547	Quercetin prevents isoprenaline-induced myocardial fibrosis by promoting autophagy via regulating miR-223-3p/FOXO3. <i>Cell Cycle</i> , 2021, 20, 1253-1269.	1.3	23
4548	Maturing Autophagosomes are Transported Towards the Cell Periphery. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 155-171.	1.7	11
4549	An updated review of autophagy in ischemic stroke: From mechanisms to therapies. <i>Experimental Neurology</i> , 2021, 340, 113684.	2.0	40

#	ARTICLE	IF	CITATIONS
4550	Mammalian cells use the autophagy process to restrict avian influenza virus replication. <i>Cell Reports</i> , 2021, 35, 109213.	2.9	17
4551	17 β -Estradiol alleviates cardiac aging induced by d-galactose by downregulating the methylation of autophagy-related genes. <i>Steroids</i> , 2021, 170, 108829.	0.8	3
4552	Activation of spinal PDGFR β in microglia promotes neuronal autophagy via p38 MAPK pathway in morphine-tolerant rats. <i>Journal of Neurochemistry</i> , 2021, 158, 373-390.	2.1	10
4553	Reducing lipofuscin accumulation and cardiomyocytic senescence of aging heart by enhancing autophagy. <i>Experimental Cell Research</i> , 2021, 403, 112585.	1.2	16
4554	2-O-Methylhonokiol Suppresses HCV Replication via TRAF6-Mediated NF- κ B Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6499.	1.8	6
4555	Unconventional p97/VCP-Mediated Endoplasmic Reticulum-to-Endosome Trafficking of a Retroviral Protein. <i>Journal of Virology</i> , 2021, 95, e0053121.	1.5	6
4556	Autophagy in metabolism and quality control: opposing, complementary or interlinked functions?. <i>Autophagy</i> , 2022, 18, 283-292.	4.3	32
4557	RTN4B interacting protein FAM134C promotes ER membrane curvature and has a functional role in autophagy. <i>Molecular Biology of the Cell</i> , 2021, 32, 1158-1170.	0.9	14
4558	Cyclometalated iridium(III) complexes as mitochondria-targeted anticancer and antibacterial agents to induce both autophagy and apoptosis. <i>Journal of Inorganic Biochemistry</i> , 2021, 219, 111450.	1.5	29
4559	A functional outside-in signaling network of proteoglycans and matrix molecules regulating autophagy. <i>Matrix Biology</i> , 2021, 100-101, 118-149.	1.5	18
4560	Qingfei oral liquid inhibited autophagy to alleviate inflammation via mTOR signaling pathway in RSV-infected asthmatic mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111449.	2.5	11
4561	The Sonic Hedgehog signaling pathway regulates autophagy and migration in ovarian cancer. <i>Cancer Medicine</i> , 2021, 10, 4510-4521.	1.3	8
4562	Chlorogenic Acid Ameliorates Damage Induced by Fluorene-9-Bisphenol in Porcine Sertoli Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 678772.	1.6	5
4563	Trehalose Reduces the Secreted Beta-Amyloid Levels in Primary Neurons Independently of Autophagy Induction. <i>Metabolites</i> , 2021, 11, 421.	1.3	5
4564	ALS- and FTD-associated missense mutations in TBK1 differentially disrupt mitophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	55
4565	Phosphorylation of the LIR Domain of SCOC Modulates ATG8 Binding Affinity and Specificity. <i>Journal of Molecular Biology</i> , 2021, 433, 166987.	2.0	14
4566	Role of Cell Death in Cellular Processes During Odontogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671475.	1.8	11
4567	The Interplay Between Autophagy and Senescence in Anthracycline Cardiotoxicity. <i>Current Heart Failure Reports</i> , 2021, 18, 180-190.	1.3	11

#	ARTICLE	IF	CITATIONS
4568	GB7 acetate, a galbulimima alkaloid from <i>Galbulimima belgraveana</i> , possesses anticancer effects in colorectal cancer cells. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 339-349.	2.4	8
4569	Therapeutic effect of curcumin in gastrointestinal cancers: A comprehensive review. <i>Phytotherapy Research</i> , 2021, 35, 4834-4897.	2.8	13
4570	New Insights Into the Role of Autophagy in Liver Surgery in the Setting of Metabolic Syndrome and Related Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 670273.	1.8	5
4571	Iron robbery by intracellular pathogen via bacterial effectorâ€‘induced ferritinophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
4572	Unique integrated stress response sensors regulate cancer cell susceptibility when Hsp70 activity is compromised. <i>ELife</i> , 2021, 10, .	2.8	12
4573	Fluorescent Protein-Based Autophagy Biosensors. <i>Materials</i> , 2021, 14, 3019.	1.3	6
4574	Angiotensin II and hypoxia induce autophagy in cardiomyocytes via activating specific protein kinase C subtypes. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 744-759.	0.7	7
4576	Making the Most of the Host; Targeting the Autophagy Pathway Facilitates <i>Staphylococcus aureus</i> Intracellular Survival in Neutrophils. <i>Frontiers in Immunology</i> , 2021, 12, 667387.	2.2	16
4577	Melatonin Attenuates Chromium (VI)-Induced Spermatogonial Stem Cell/Progenitor Mitophagy by Restoration of METTL3-Mediated RNA N6-Methyladenosine Modification. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 684398.	1.8	39
4578	Characterization of the effects of heat stress on autophagy induction in the pig oocyte. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 107.	1.4	11
4580	Autophagy Inhibition in BRAF-Driven Cancers. <i>Cancers</i> , 2021, 13, 3498.	1.7	13
4582	Neuroprotective Effects of Trehalose and Sodium Butyrate on Preformed Fibrillar Form of α -Synuclein-Induced Rat Model of Parkinsonâ€™s Disease. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2643-2660.	1.7	20
4583	PFKFB3 Inhibition Impairs Erlotinib-Induced Autophagy in NSCLCs. <i>Cells</i> , 2021, 10, 1679.	1.8	11
4584	A natural product, Piperlongumine (PL), increases tumor cells sensitivity to NK cell killing. <i>International Immunopharmacology</i> , 2021, 96, 107658.	1.7	13
4585	Codonopsis pilosula Extract Protects Melanocytes against H2O2-Induced Oxidative Stress by Activating Autophagy. <i>Cosmetics</i> , 2021, 8, 67.	1.5	1
4586	On the offense and defense: mitochondrial recovery programs amidst targeted pathogenic assault. <i>FEBS Journal</i> , 2022, 289, 7014-7037.	2.2	8
4587	Lysosome dysfunction as a cause of neurodegenerative diseases: Lessons from frontotemporal dementia and amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2021, 154, 105360.	2.1	101
4588	Glucose starvation induces autophagy via ULK1-mediated activation of PIKfyve in an AMPK-dependent manner. <i>Developmental Cell</i> , 2021, 56, 1961-1975.e5.	3.1	39

#	ARTICLE	IF	CITATIONS
4589	Targeting PI3K-AKT/mTOR signaling in the prevention of autism. <i>Neurochemistry International</i> , 2021, 147, 105067.	1.9	49
4590	Terpenoids TM anti-cancer effects: focus on autophagy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021, 26, 491-511.	2.2	60
4591	Autophagy upregulates inflammatory cytokines in gingival tissue of patients with periodontitis and lipopolysaccharide TM stimulated human gingival fibroblasts. <i>Journal of Periodontology</i> , 2022, 93, 380-391.	1.7	10
4592	Arsenic induces autophagy-dependent apoptosis via Akt inactivation and AMPK activation signaling pathways leading to neuronal cell death. <i>NeuroToxicology</i> , 2021, 85, 133-144.	1.4	17
4593	Uncoupling proteins in the mitochondrial defense against oxidative stress. <i>Progress in Retinal and Eye Research</i> , 2021, 83, 100941.	7.3	50
4594	Quercetin in Tartary Buckwheat Induces Autophagy against Protein Aggregations. <i>Antioxidants</i> , 2021, 10, 1217.	2.2	1
4595	Steroidal Saponins Isolated from the Rhizome of <i>Dioscorea tokoro</i> Inhibit Cell Growth and Autophagy in Hepatocellular Carcinoma Cells. <i>Life</i> , 2021, 11, 749.	1.1	10
4596	Membrane perturbation by lipidated Atg8 underlies autophagosome biogenesis. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 583-593.	3.6	51
4597	Selective autophagy as the basis of autophagy-based degraders. <i>Cell Chemical Biology</i> , 2021, 28, 1061-1071.	2.5	20
4598	Mitochondrial Dynamics and Mitophagy in Skeletal Muscle Health and Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8179.	1.8	93
4599	TGF β ² promotes fibrosis by MYST1-dependent epigenetic regulation of autophagy. <i>Nature Communications</i> , 2021, 12, 4404.	5.8	40
4600	LPS-induced autophagy in human dental pulp cells is associated with p38. <i>Journal of Molecular Histology</i> , 2021, 52, 919-928.	1.0	4
4601	Restructuring of the plasma membrane upon damage by LC3-associated macropinocytosis. <i>Science Advances</i> , 2021, 7, .	4.7	32
4602	A Novel Regulation of K-antigen Capsule Synthesis in <i>Porphyromonas gingivalis</i> Is Driven by the Response Regulator PG0720-Directed Antisense RNA. <i>Frontiers in Oral Health</i> , 2021, 2, 701659.	1.2	3
4603	Imbalanced autophagy causes synaptic deficits in a human model for neurodevelopmental disorders. <i>Autophagy</i> , 2022, 18, 423-442.	4.3	42
4604	Towards a better understanding of the neuro-developmental role of autophagy in sickness and in health. <i>Cell Stress</i> , 2021, 5, 99-118.	1.4	13
4605	Characterization of a Knock-In Mouse Model with a Huntingtin Exon 1 Deletion. <i>Journal of Huntington's Disease</i> , 2021, 10, 1-20.	0.9	2
4606	Anion-Responsive Manganese Porphyrin Facilitates Chloride Transport and Induces Immunogenic Cell Death. <i>CCS Chemistry</i> , 2022, 4, 2409-2419.	4.6	8

#	ARTICLE	IF	CITATIONS
4607	Plasmodium UIS3 avoids host cell-autonomous exclusion that requires GABARAPs but not LC3 and autophagy. <i>Parasitology International</i> , 2021, 83, 102335.	0.6	2
4608	Role of Luteolin-Induced Apoptosis and Autophagy in Human Glioblastoma Cell Lines. <i>Medicina (Lithuania)</i> , 2021, 57, 879.	0.8	17
4609	Modern <i>Acinetobacter baumannii</i> clinical isolates replicate inside spacious vacuoles and egress from macrophages. <i>PLoS Pathogens</i> , 2021, 17, e1009802.	2.1	21
4610	Astaxanthin Inhibits Autophagic Cell Death Induced by Bisphenol A in Human Dermal Fibroblasts. <i>Antioxidants</i> , 2021, 10, 1273.	2.2	8
4611	Beyond Autophagy: The Expanding Roles of ATG8 Proteins. <i>Trends in Biochemical Sciences</i> , 2021, 46, 673-686.	3.7	68
4612	Autophagy Inhibition by ATG3 Knockdown Remits Oxygen-Induced Glucose Deprivation/Reoxygenation-Induced Injury and Inflammation in Brain Microvascular Endothelial Cells. <i>Neurochemical Research</i> , 2021, 46, 3200-3212.	1.6	9
4613	Small but mighty: Atg8s and Rabs in membrane dynamics during autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119064.	1.9	9
4614	Silencing of miR-497-5p inhibits cell apoptosis and promotes autophagy in Parkinson's disease by upregulation of FGF2. <i>Environmental Toxicology</i> , 2021, 36, 2302-2312.	2.1	15
4615	NOP53 Suppresses Autophagy through ZKSCAN3-Dependent and -Independent Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9318.	1.8	4
4616	C/EBP- β induces autophagy by binding to Beclin1 through its own acetylation modification in activated hepatic stellate cells. <i>Experimental Cell Research</i> , 2021, 405, 112721.	1.2	5
4617	Autophagic Upregulation Is Cytoprotective in Ischemia/Reperfusion-Injured Retina and Retinal Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8446.	1.8	7
4618	Live Cell Imaging of Enzymatic Turnover of an Adenosine 5'-Tetraphosphate Analog. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8616.	1.8	1
4619	Synthesis, Characterization, and Cytotoxicity of Morpholine-Containing Ruthenium(II) <i>p</i> -Cymene Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 12172-12185.	1.9	6
4620	Autophagy Elicits Neuroprotection at the Subacute Phase of Transient Cerebral Ischaemia but Has Few Effects on Neurological Outcomes After Permanent Ischaemic Stroke in Rats. <i>Current Medical Science</i> , 2021, 41, 803-814.	0.7	3
4622	Monitoring Autophagic Activity In Vitro and In Vivo Using the GFP-LC3-RFP-LC3 ⁺ G Probe. <i>Neuromethods</i> , 2022, , 41-51.	0.2	0
4623	Treatment with ascorbic acid normalizes the aerobic capacity, antioxidant defence, and cell death pathways in thermally stressed <i>Mytilus galloprovincialis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 255, 110611.	0.7	15
4624	Cytotoxic Effects of Hellebrigenin and Arenobufagin Against Human Breast Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 711220.	1.3	10
4625	<i>Toxoplasma gondii</i> profilin and tachyzoites RH strain may manipulate autophagy via downregulating Atg5 and Atg12 and upregulating Atg7. <i>Molecular Biology Reports</i> , 2021, 48, 7041-7047.	1.0	5

#	ARTICLE	IF	CITATIONS
4626	TFEB phosphorylation on Serine 211 is induced by autophagy in human synovial fibroblasts and by p62/SQSTM1 overexpression in HEK293 cells. <i>Biochemical Journal</i> , 2021, 478, 3145-3155.	1.7	2
4627	Tea tree oil extract causes mitochondrial superoxide production and apoptosis as an anticancer agent, promoting tumor infiltrating neutrophils cytotoxic for breast cancer to induce tumor regression. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111790.	2.5	7
4628	Astragaloside <sc>IV</sc> enhances the sensibility of lung adenocarcinoma cells to bevacizumab by inhibiting autophagy. <i>Drug Development Research</i> , 2022, 83, 461-469.	1.4	7
4629	Thrombolysis by PLAT/tPA increases serum free IGF1 leading to a decrease of deleterious autophagy following brain ischemia. <i>Autophagy</i> , 2022, 18, 1297-1317.	4.3	14
4630	Cytoprotection of rat hepatocytes by desipramine in a model of simulated ischemia/reperfusion. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101075.	0.7	1
4631	Inhibition of Autophagy by a Small Molecule through Covalent Modification of the LC3 Protein. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26105-26114.	7.2	36
4632	Atg8ylation as a general membrane stress and remodeling response. <i>Cell Stress</i> , 2021, 5, 128-142.	1.4	29
4633	Ketone Ester D-β-Hydroxybutyrate (R)-1,3 Butanediol Prevents Decline in Cardiac Function in Type 2 Diabetic Mice. <i>Journal of the American Heart Association</i> , 2021, 10, e020729.	1.6	19
4634	The inhibition of microtubule dynamics instability alters lipid homeostasis in TM4 Sertoli cells. <i>Toxicology and Applied Pharmacology</i> , 2021, 426, 115607.	1.3	4
4635	Regulation of Endoplasmic Reticulum Stress-Autophagy: A Potential Therapeutic Target for Ulcerative Colitis. <i>Frontiers in Pharmacology</i> , 2021, 12, 697360.	1.6	18
4636	Membrane dynamics of ATG4B and LC3 in autophagosome formation. <i>Journal of Molecular Cell Biology</i> , 2022, 13, 853-863.	1.5	20
4637	Structural basis for membrane recruitment of ATG16L1 by WIPI2 in autophagy. <i>ELife</i> , 2021, 10, .	2.8	32
4638	Autophagy-Related Proteins Are Differentially Expressed in Adrenal Cortical Tumor/Pheochromocytoma and Associated with Patient Prognosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10490.	1.8	3
4639	Let-7e modulates the proliferation and the autophagy of human granulosa cells by suppressing p21 signaling pathway in polycystic ovary syndrome without hyperandrogenism. <i>Molecular and Cellular Endocrinology</i> , 2021, 535, 111392.	1.6	9
4640	Protein degradation technology: a strategic paradigm shift in drug discovery. <i>Journal of Hematology and Oncology</i> , 2021, 14, 138.	6.9	45
4641	Autophagy modulates endothelial junctions to restrain neutrophil diapedesis during inflammation. <i>Immunity</i> , 2021, 54, 1989-2004.e9.	6.6	50
4642	Multiplexed functional metagenomic analysis of the infant microbiome identifies effectors of NF-κB, autophagy, and cellular redox state. <i>Cell Reports</i> , 2021, 36, 109746.	2.9	4
4643	Coronaviruses construct an interconnection way with ERAD and autophagy. <i>Future Microbiology</i> , 2021, 16, 1135-1151.	1.0	3

#	ARTICLE	IF	CITATIONS
4645	Inhibition of autophagy by a small molecule through covalent modification of LC3. <i>Angewandte Chemie</i> , 0, .	1.6	0
4646	Intermittent Fasting Attenuates High-Fat Diet-Induced Cerebellar Changes in Rats: Involvement of TNF- $\hat{\pm}$, Autophagy, and Oxidative Stress. <i>Cells Tissues Organs</i> , 2021, 210, 351-367.	1.3	4
4647	Global Proximity Interactome of the Human Macroautophagy Pathway. <i>Autophagy</i> , 2022, 18, 1174-1186.	4.3	9
4648	The anti-melanogenic effects of 3-O-ethyl ascorbic acid via Nrf2-mediated $\hat{\pm}$ -MSH inhibition in UVA-irradiated keratinocytes and autophagy induction in melanocytes. <i>Free Radical Biology and Medicine</i> , 2021, 173, 151-169.	1.3	20
4649	GDF-15 Deficiency Reduces Autophagic Activity in Human Macrophages In Vitro and Decreases p62-Accumulation in Atherosclerotic Lesions in Mice. <i>Cells</i> , 2021, 10, 2346.	1.8	6
4650	Autophagy protects murine preputial glands against premature aging, and controls their sebum phospholipid and pheromone profile. <i>Autophagy</i> , 2022, 18, 1005-1019.	4.3	6
4651	GRASP55 restricts early-stage autophagy and regulates spatial organization of the early secretory network. <i>Biology Open</i> , 2021, 10, .	0.6	2
4652	Autophagy Promotes the Survival of Adipose Mesenchymal Stem/Stromal Cells and Enhances Their Therapeutic Effects in Cisplatin-Induced Liver Injury via Modulating TGF- $\hat{\pm}$ 1/Smad and PI3K/AKT Signaling Pathways. <i>Cells</i> , 2021, 10, 2475.	1.8	15
4653	Piceatannol, a Structural Analog of Resveratrol, Is an Apoptosis Inducer and a Multidrug Resistance Modulator in HL-60 Human Acute Myeloid Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10597.	1.8	5
4654	Coenzyme Q0, a novel quinone derivative of <i>Antrodia camphorata</i> , induces ROS-mediated cytotoxic autophagy and apoptosis against human glioblastoma cells in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2021, 155, 112384.	1.8	14
4655	Lithium chloride promotes osteogenesis and suppresses apoptosis during orthodontic tooth movement in osteoporotic model via regulating autophagy. <i>Bioactive Materials</i> , 2021, 6, 3074-3084.	8.6	16
4656	Computational design of binder as the LC3-p62 protein-protein interaction. <i>Bioorganic Chemistry</i> , 2021, 115, 105241.	2.0	11
4657	Involvement of PINK1/Parkin-mediated mitophagy in mitochondrial functional disruption under oxidative stress in vitrified porcine oocytes. <i>Theriogenology</i> , 2021, 174, 160-168.	0.9	11
4658	Nanocarrier mediated autophagy: An emerging trend for cancer therapy. <i>Process Biochemistry</i> , 2021, 109, 198-206.	1.8	23
4659	H2O2-mediated autophagy during ethanol metabolism. <i>Redox Biology</i> , 2021, 46, 102081.	3.9	13
4660	Treatment of Parkinson's disease in Zebrafish model with a berberine derivative capable of crossing blood brain barrier, targeting mitochondria, and convenient for bioimaging experiments. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109151.	1.3	13
4661	Nampt controls skeletal muscle development by maintaining Ca ²⁺ homeostasis and mitochondrial integrity. <i>Molecular Metabolism</i> , 2021, 53, 101271.	3.0	27
4662	Ubiquitin pathways regulate the pathogenesis of chronic liver disease. <i>Biochemical Pharmacology</i> , 2021, 193, 114764.	2.0	13

#	ARTICLE	IF	CITATIONS
4663	Molecular and mesoscopic geometries in autophagosome generation. A review. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183731.	1.4	7
4664	Selectivity and trafficking of autophagic cargoes. , 2022, , 39-56.		1
4665	Methods for measuring autophagy. , 2022, , 71-79.		0
4666	<i>Bombyx mori</i> cypovirus (BmCPV) induces PINK1-Parkin mediated mitophagy via interaction of VP4 with host Tom40. <i>Developmental and Comparative Immunology</i> , 2022, 126, 104244.	1.0	6
4667	H(+)/Cl(â€) exchange transporter 7 promotes lysosomal acidificationâ€mediated autophagy in mouse cardiomyocytes. <i>Molecular Medicine Reports</i> , 2021, 23, .	1.1	1
4668	Autophagy Promoted Neural Differentiation of Human Placenta-derived Mesenchymal Stem Cells. <i>In Vivo</i> , 2021, 35, 2609-2620.	0.6	5
4669	OxLDL as an Inducer of a Metabolic Shift in Cancer Cells. <i>Journal of Cancer</i> , 2021, 12, 5817-5824.	1.2	5
4670	Japanese encephalitis virus capsid protein interacts with non-lipidated MAP1LC3 on replication membranes and lipid droplets. <i>Journal of General Virology</i> , 2021, 102, .	1.3	16
4671	Multiple analysis of mitochondrial metabolism, autophagy and cell death. <i>Methods in Cell Biology</i> , 2021, 164, 95-112.	0.5	2
4672	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 Tc 1,430	4.3	1,430
4673	Molecular Dissection of Autophagy in the Yeast <i>Saccharomyces cerevisiae</i> . , 0, , 31-50.		1
4674	Curvatureâ€sensitive <i>trans</i>â€assembly of human Atg8â€family proteins in autophagyâ€related membrane tethering. <i>Protein Science</i> , 2020, 29, 1387-1400.	3.1	17
4675	Fucoxanthin treatment inhibits nasopharyngeal carcinoma cell proliferation through induction of autophagy mechanism. <i>Environmental Toxicology</i> , 2020, 35, 1082-1090.	2.1	16
4676	Digesting Oneself and Digesting Microbes. , 2005, , 245-279.		4
4677	Anti-Cancer Strategy of Transitional Cell Carcinoma of Bladder Based on Induction of Different Types of Programmed Cell Deaths. , 2009, , 25-50.		3
4678	Historical Overview of Autophagy. , 2013, , 1-24.		2
4679	Analysis of Autophagosome Formation Using Lentiviral Biosensors for Live Fluorescent Cellular Imaging. <i>Methods in Molecular Biology</i> , 2015, 1219, 157-169.	0.4	6
4681	Protein Trafficking into Autophagosomes. <i>Methods in Molecular Biology</i> , 2008, 445, 147-157.	0.4	2

#	ARTICLE	IF	CITATIONS
4682	Sphingolipids in Macroautophagy. <i>Methods in Molecular Biology</i> , 2008, 445, 159-173.	0.4	29
4683	Clearance of Mutant Aggregate-Prone Proteins by Autophagy. <i>Methods in Molecular Biology</i> , 2008, 445, 195-211.	0.4	44
4684	Autophagy and Autophagic Cell Death. , 2007, , 93-107.		2
4685	Autophagy and Cell Death. , 2009, , 671-688.		3
4686	Evaluation of Rapamycin-Induced Cell Death. <i>Methods in Molecular Biology</i> , 2012, 821, 125-169.	0.4	15
4687	Autophagy and Innate Recognition Systems. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 107-121.	0.7	26
4688	Autophagy and Regulation of Lipid Metabolism. <i>Results and Problems in Cell Differentiation</i> , 2011, 52, 35-46.	0.2	54
4689	Effects of Aging on Autophagy After Experimental Intracerebral Hemorrhage. <i>Acta Neurochirurgica Supplementum</i> , 2011, 111, 113-117.	0.5	21
4690	Cholesterol in Niemann-Pick Type C disease. <i>Sub-Cellular Biochemistry</i> , 2010, 51, 319-335.	1.0	40
4691	Autophagy Upregulation as a Therapeutic Strategy for Neurodegenerative Diseases. , 2013, , 227-238.		4
4692	Genetic Contribution of Variants in GABAergic Signaling to Nicotine Dependence. , 2018, , 95-105.		1
4693	History and Current Status of Autophagy Research. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1206, 3-37.	0.8	13
4694	Regulation of ATG and Autophagy Initiation. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1206, 41-65.	0.8	45
4695	Microautophagy upregulation in cutaneous lymph nodes of dogs naturally infected by <i>Leishmania infantum</i> . <i>Parasitology Research</i> , 2020, 119, 2245-2255.	0.6	8
4696	The Molecular Mechanisms Underlying Autophagosome Formation in Yeast. , 2014, , 67-77.		2
4697	Non-Lipidated LC3 is Essential for Mouse Hepatitis Virus Infection. , 2014, , 129-136.		1
4698	Impaired autophagy promotes bile acid-induced hepatic injury and accumulation of ubiquitinated proteins. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1541-1547.	1.0	27
4699	An acylhydroquinone derivative produces OXPHOS uncoupling and sensitization to BH3 mimetic ABT-199 (Venetoclax) in human promyelocytic leukemia cells. <i>Bioorganic Chemistry</i> , 2020, 100, 103935.	2.0	13

#	ARTICLE	IF	CITATIONS
4700	Long-term arsenite exposure decreases autophagy by increased release of Nrf2 in transformed human keratinocytes. <i>Science of the Total Environment</i> , 2020, 734, 139425.	3.9	15
4701	NIMA-related kinase 9-mediated phosphorylation of the microtubule-associated LC3B protein at Thr-50 suppresses selective autophagy of p62/sequestosome 1. <i>Journal of Biological Chemistry</i> , 2020, 295, 1240-1260.	1.6	14
4702	Effect of tankyrase 1 on autophagy in the corpus cavernosum smooth muscle cells from ageing rats with erectile dysfunction and its potential mechanism. <i>Asian Journal of Andrology</i> , 2010, 12, 744-752.	0.8	14
4703	Effect of icaridisid II on diabetic rats with erectile dysfunction and its potential mechanism via assessment of AGEs, autophagy, mTOR and the NO-cGMP pathway. <i>Asian Journal of Andrology</i> , 2013, 15, 143-148.	0.8	35
4704	Rab24. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11
4705	SVCT-2 in breast cancer acts as an indicator for L-ascorbate treatment. , 0, .		1
4706	LC3 lipidation is essential for TFEB activation during the lysosomal damage response to kidney injury. <i>Nature Cell Biology</i> , 2020, 22, 1252-1263.	4.6	117
4707	The Atg8 family: multifunctional ubiquitin-like key regulators of autophagy. <i>Essays in Biochemistry</i> , 2013, 55, 51-64.	2.1	215
4708	Chloroquine and bafilomycin A mimic lysosomal storage disorders and impair mTORC1 signalling. <i>Bioscience Reports</i> , 2020, 40, .	1.1	56
4709	Macrophage LC3-associated phagocytosis is an immune defense against <i>Streptococcus pneumoniae</i> that diminishes with host aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33561-33569.	3.3	49
4710	Plant protein P3IP participates in the regulation of autophagy in <i>Nicotiana benthamiana</i> . <i>Plant Signaling and Behavior</i> , 2021, 16, 1861768.	1.2	3
4711	ERdj8 governs the size of autophagosomes during the formation process. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	14
4712	Phospholipid ebb and flow makes mitochondria go. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	63
4722	Functional inhibition of heat shock protein 70 by VER 155008 suppresses pleural mesothelioma cell proliferation via an autophagy mechanism. <i>Thoracic Cancer</i> , 2021, 12, 491-503.	0.8	8
4724	Improved efficacy of a next-generation ERT in murine Pompe disease. <i>JCI Insight</i> , 2019, 4, .	2.3	57
4725	Mitochondrial quality-control dysregulation in conditional HO-1 mice. <i>JCI Insight</i> , 2017, 2, e89676.	2.3	62
4726	Autophagy orchestrates the regulatory program of tumor-associated myeloid-derived suppressor cells. <i>Journal of Clinical Investigation</i> , 2018, 128, 3840-3852.	3.9	79
4727	CD40 induces macrophage anti-Toxoplasma gondii activity by triggering autophagy-dependent fusion of pathogen-containing vacuoles and lysosomes. <i>Journal of Clinical Investigation</i> , 2006, 116, 2366-2377.	3.9	277

#	ARTICLE	IF	CITATIONS
4728	The tumor suppressor gene ARHI regulates autophagy and tumor dormancy in human ovarian cancer cells. <i>Journal of Clinical Investigation</i> , 2008, 118, 3917-29.	3.9	370
4729	Autophagy influences glomerular disease susceptibility and maintains podocyte homeostasis in aging mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 1084-1096.	3.9	604
4730	The unfolded protein response protects human tumor cells during hypoxia through regulation of the autophagy genes MAP1LC3B and ATG5. <i>Journal of Clinical Investigation</i> , 2010, 120, 127-141.	3.9	675
4731	Calorie restriction enhances cell adaptation to hypoxia through Sirt1-dependent mitochondrial autophagy in mouse aged kidney. <i>Journal of Clinical Investigation</i> , 2010, 120, 1043-1055.	3.9	560
4732	Activation of the unfolded protein response and autophagy after hepatitis C virus infection suppresses innate antiviral immunity in vitro. <i>Journal of Clinical Investigation</i> , 2011, 121, 37-56.	3.9	290
4733	Autophagy is essential for mouse sense of balance. <i>Journal of Clinical Investigation</i> , 2010, 120, 2331-2344.	3.9	167
4734	Blocking the mitochondrial apoptotic pathway preserves motor neuron viability and function in a mouse model of amyotrophic lateral sclerosis. <i>Journal of Clinical Investigation</i> , 2010, 120, 3673-3679.	3.9	92
4735	Azithromycin blocks autophagy and may predispose cystic fibrosis patients to mycobacterial infection. <i>Journal of Clinical Investigation</i> , 2011, 121, 3554-3563.	3.9	272
4736	Tregs restrain dendritic cell autophagy to ameliorate autoimmunity. <i>Journal of Clinical Investigation</i> , 2017, 127, 2789-2804.	3.9	92
4737	Follicular lymphoma-associated mutations in vacuolar ATPase ATP6V1B2 activate autophagic flux and mTOR. <i>Journal of Clinical Investigation</i> , 2019, 129, 1626-1640.	3.9	23
4738	A novel assay to study autophagy: regulation of autophagosome vacuole size by amino acid deprivation. <i>Journal of Cell Science</i> , 2001, 114, 3619-3629.	1.2	456
4739	Propofol Mitigates Learning and Memory Impairment After Electroconvulsive Shock in Depressed Rats by Inhibiting Autophagy in the Hippocampus. <i>Medical Science Monitor</i> , 2016, 22, 1702-1708.	0.5	14
4740	Î²-Arrestin 1/2 Aggravates Podocyte Apoptosis of Diabetic Nephropathy via Wnt/Î²-Catenin Pathway. <i>Medical Science Monitor</i> , 2018, 24, 1724-1732.	0.5	14
4741	Eriocalyxin B Induces Apoptosis and Autophagy Involving Akt/Mammalian Target of Rapamycin (mTOR) Pathway in Prostate Cancer Cells. <i>Medical Science Monitor</i> , 2019, 25, 8534-8543.	0.5	9
4742	Hydroxypyridinone-Coumarin Inhibits the Proliferation of MHCC97 and HepG2 Human Hepatocellular Carcinoma Cells and Down-Regulates the Phosphoinositide-3 Kinase Pathway. <i>Medical Science Monitor</i> , 2020, 26, e920785.	0.5	3
4743	Autophagy and Oncosis/Necroptosis Are Enhanced in Cardiomyocytes from Heart Failure Patients. <i>Medical Science Monitor Basic Research</i> , 2019, 25, 33-44.	2.6	35
4744	Low Dose of Î²-Carotene Regulates Inflammation, Reduces Caspase Signaling, and Correlates with Autophagy Activation in Cardiomyoblast Cell Lines. <i>Medical Science Monitor Basic Research</i> , 2020, 26, e928648.	2.6	6
4745	Oleuropein is a Powerful Sensitizer of Doxorubicin-mediated Killing of Prostate Cancer Cells and Exerts Its Action via Induction of Autophagy. <i>Journal of Cancer Research and Treatment</i> , 2018, 4, 61-68.	0.6	9

#	ARTICLE	IF	CITATIONS
4746	Protein Kinase A Activation Promotes Cancer Cell Resistance to Glucose Starvation and Anoikis. <i>PLoS Genetics</i> , 2016, 12, e1005931.	1.5	61
4747	The regulation of autophagy differentially affects <i>Trypanosoma cruzi</i> metacyclogenesis. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006049.	1.3	37
4748	Preventing Mitochondrial Fission Impairs Mitochondrial Function and Leads to Loss of Mitochondrial DNA. <i>PLoS ONE</i> , 2008, 3, e3257.	1.1	363
4749	Listeriolysin O Is Necessary and Sufficient to Induce Autophagy during <i>Listeria monocytogenes</i> Infection. <i>PLoS ONE</i> , 2010, 5, e8610.	1.1	88
4750	An Inhibitory Role of the G-Protein Regulator AGS3 in mTOR-Dependent Macroautophagy. <i>PLoS ONE</i> , 2010, 5, e8877.	1.1	20
4751	Potent Anti-Inflammatory Activity of Novel Microtubule-Modulating Brominated Noscapine Analogs. <i>PLoS ONE</i> , 2010, 5, e9165.	1.1	34
4752	HIV-1 Inhibits Autophagy in Bystander Macrophage/Monocytic Cells through Src-Akt and STAT3. <i>PLoS ONE</i> , 2010, 5, e11733.	1.1	112
4753	Tyr682 in the Intracellular Domain of APP Regulates Amyloidogenic APP Processing In Vivo. <i>PLoS ONE</i> , 2010, 5, e15503.	1.1	57
4754	Interferon Gamma Activated Macrophages Kill Mycobacteria by Nitric Oxide Induced Apoptosis. <i>PLoS ONE</i> , 2011, 6, e19105.	1.1	201
4755	Activation of Autophagy in a Rat Model of Retinal Ischemia following High Intraocular Pressure. <i>PLoS ONE</i> , 2011, 6, e22514.	1.1	107
4756	RNF185, a Novel Mitochondrial Ubiquitin E3 Ligase, Regulates Autophagy through Interaction with BNIP1. <i>PLoS ONE</i> , 2011, 6, e24367.	1.1	87
4757	Inducing Autophagy by Rapamycin Before, but Not After, the Formation of Plaques and Tangles Ameliorates Cognitive Deficits. <i>PLoS ONE</i> , 2011, 6, e25416.	1.1	357
4758	EGFR-Targeted Hybrid Plasmonic Magnetic Nanoparticles Synergistically Induce Autophagy and Apoptosis in Non-Small Cell Lung Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e25507.	1.1	89
4759	Autophagy in Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2011, 6, e27485.	1.1	73
4760	Substrate-Favored Lysosomal and Proteasomal Pathways Participate in the Normal Balance Control of Insulin Precursor Maturation and Disposal in β -Cells. <i>PLoS ONE</i> , 2011, 6, e27647.	1.1	12
4761	Establishment of a Novel Fluorescence-Based Method to Evaluate Chaperone-Mediated Autophagy in a Single Neuron. <i>PLoS ONE</i> , 2012, 7, e31232.	1.1	41
4762	Benzyl Isothiocyanate Causes FoxO1-Mediated Autophagic Death in Human Breast Cancer Cells. <i>PLoS ONE</i> , 2012, 7, e32597.	1.1	59
4763	Propofol Prevents Autophagic Cell Death following Oxygen and Glucose Deprivation in PC12 Cells and Cerebral Ischemia-Reperfusion Injury in Rats. <i>PLoS ONE</i> , 2012, 7, e35324.	1.1	83

#	ARTICLE	IF	CITATIONS
4764	Palmitate Activates Autophagy in INS-1E β -Cells and in Isolated Rat and Human Pancreatic Islets. PLoS ONE, 2012, 7, e36188.	1.1	116
4765	High Expression of Nuclear Factor 90 (NF90) Leads to Mitochondrial Degradation in Skeletal and Cardiac Muscles. PLoS ONE, 2012, 7, e43340.	1.1	6
4766	Testosterone Plus Low-Intensity Physical Training in Late Life Improves Functional Performance, Skeletal Muscle Mitochondrial Biogenesis, and Mitochondrial Quality Control in Male Mice. PLoS ONE, 2012, 7, e51180.	1.1	55
4767	Porphyromonas gingivalis Strain Specific Interactions with Human Coronary Artery Endothelial Cells: A Comparative Study. PLoS ONE, 2012, 7, e52606.	1.1	57
4768	Coordinate Autophagy and mTOR Pathway Inhibition Enhances Cell Death in Melanoma. PLoS ONE, 2013, 8, e55096.	1.1	131
4769	BIRC6 Protein, an Inhibitor of Apoptosis: Role in Survival of Human Prostate Cancer Cells. PLoS ONE, 2013, 8, e55837.	1.1	33
4770	Neocortex and Allocortex Respond Differentially to Cellular Stress In Vitro and Aging In Vivo. PLoS ONE, 2013, 8, e58596.	1.1	30
4771	Inhibition of Nuclear Factor-Kappa B Activation Decreases Survival of Mycobacterium tuberculosis in Human Macrophages. PLoS ONE, 2013, 8, e61925.	1.1	82
4772	Erythropoietin Protects Epithelial Cells from Excessive Autophagy and Apoptosis in Experimental Neonatal Necrotizing Enterocolitis. PLoS ONE, 2013, 8, e69620.	1.1	76
4773	Apoptotic and Autophagic Effects of Sesbania grandiflora Flowers in Human Leukemic Cells. PLoS ONE, 2013, 8, e71672.	1.1	20
4774	Autophagy Enhances Bacterial Clearance during P. aeruginosa Lung Infection. PLoS ONE, 2013, 8, e72263.	1.1	81
4775	Deletion of Lipoprotein PG0717 in Porphyromonas gingivalis W83 Reduces Gingipain Activity and Alters Trafficking in and Response by Host Cells. PLoS ONE, 2013, 8, e74230.	1.1	16
4776	MURF2B, a Novel LC3-Binding Protein, Participates with MURF2A in the Switch between Autophagy and Ubiquitin Proteasome System during Differentiation of C2C12 Muscle Cells. PLoS ONE, 2013, 8, e76140.	1.1	23
4777	Crystal Structure of the Human Short Coiled Coil Protein and Insights into SCOC-FEZ1 Complex Formation. PLoS ONE, 2013, 8, e76355.	1.1	7
4778	Effect of a Low-Protein Diet Supplemented with Ketoacids on Skeletal Muscle Atrophy and Autophagy in Rats with Type 2 Diabetic Nephropathy. PLoS ONE, 2013, 8, e81464.	1.1	14
4779	Celecoxib-Induced Cytotoxic Effect Is Potentiated by Inhibition of Autophagy in Human Urothelial Carcinoma Cells. PLoS ONE, 2013, 8, e82034.	1.1	17
4780	MIR376A Is a Regulator of Starvation-Induced Autophagy. PLoS ONE, 2013, 8, e82556.	1.1	45
4781	SPBP Is a Sulforaphane Induced Transcriptional Coactivator of NRF2 Regulating Expression of the Autophagy Receptor p62/SQSTM1. PLoS ONE, 2014, 9, e85262.	1.1	35

#	ARTICLE	IF	CITATIONS
4782	Autophagy Adaptor Protein p62/SQSTM1 and Autophagy-Related Gene Atg5 Mediate Autophagosome Formation in Response to Mycobacterium tuberculosis Infection in Dendritic Cells. PLoS ONE, 2013, 8, e86017.	1.1	53
4783	Novel Quantitative Autophagy Analysis by Organelle Flow Cytometry after Cell Sonication. PLoS ONE, 2014, 9, e87707.	1.1	20
4784	Host and Bacterial Proteins That Repress Recruitment of LC3 to Shigella Early during Infection. PLoS ONE, 2014, 9, e94653.	1.1	54
4785	BNIP3 Regulates AT101 [(-)-Gossypol] Induced Death in Malignant Peripheral Nerve Sheath Tumor Cells. PLoS ONE, 2014, 9, e96733.	1.1	11
4786	Beclin 1 and UVRAG Confer Protection from Radiation-Induced DNA Damage and Maintain Centrosome Stability in Colorectal Cancer Cells. PLoS ONE, 2014, 9, e100819.	1.1	57
4787	The Ginsenoside 20-O- β -D-Glucopyranosyl-20(S)-Protopanaxadiol Induces Autophagy and Apoptosis in Human Melanoma via AMPK/JNK Phosphorylation. PLoS ONE, 2014, 9, e104305.	1.1	31
4788	Outer Membrane Vesicles Mediate Transport of Biologically Active Vibrio cholerae Cytolysin (VCC) from V. cholerae Strains. PLoS ONE, 2014, 9, e106731.	1.1	65
4789	Cyclosporine A Induces Apoptotic and Autophagic Cell Death in Rat Pituitary GH3 Cells. PLoS ONE, 2014, 9, e108981.	1.1	21
4790	Gemcitabine Induces Poly (ADP-Ribose) Polymerase-1 (PARP-1) Degradation through Autophagy in Pancreatic Cancer. PLoS ONE, 2014, 9, e109076.	1.1	17
4791	A Super-Ecliptic, pHluorin-mKate2, Tandem Fluorescent Protein-Tagged Human LC3 for the Monitoring of Mammalian Autophagy. PLoS ONE, 2014, 9, e110600.	1.1	56
4792	Potent Anti-Cancer Effect of 3- β -Hydroxypterostilbene in Human Colon Xenograft Tumors. PLoS ONE, 2014, 9, e111814.	1.1	34
4793	Autophagy Activation Is Involved in 3,4-Methylenedioxymethamphetamine (â€œEcstasyâ€™)â€”Induced Neurotoxicity in Cultured Cortical Neurons. PLoS ONE, 2014, 9, e116565.	1.1	33
4794	Cathepsin Inhibition-Induced Lysosomal Dysfunction Enhances Pancreatic Beta-Cell Apoptosis in High Glucose. PLoS ONE, 2015, 10, e0116972.	1.1	65
4795	Deficiency for the Cysteine Protease Cathepsin L Impairs Myc-Induced Tumorigenesis in a Mouse Model of Pancreatic Neuroendocrine Cancer. PLoS ONE, 2015, 10, e0120348.	1.1	13
4796	Strain-Specific Interactions of Listeria monocytogenes with the Autophagy System in Host Cells. PLoS ONE, 2015, 10, e0125856.	1.1	10
4797	Chloroquine-Enhanced Efficacy of Cisplatin in the Treatment of Hypopharyngeal Carcinoma in Xenograft Mice. PLoS ONE, 2015, 10, e0126147.	1.1	50
4798	The Roles of ROS and Caspases in TRAIL-Induced Apoptosis and Necroptosis in Human Pancreatic Cancer Cells. PLoS ONE, 2015, 10, e0127386.	1.1	75
4799	Protection against Experimental Stroke by Ganglioside GM1 Is Associated with the Inhibition of Autophagy. PLoS ONE, 2016, 11, e0144219.	1.1	50

#	ARTICLE	IF	CITATIONS
4800	Phosphoethanolamine Modification of <i>Neisseria gonorrhoeae</i> Lipid A Reduces Autophagy Flux in Macrophages. <i>PLoS ONE</i> , 2015, 10, e0144347.	1.1	22
4801	Curcumin Suppresses Proliferation and Migration of MDA-MB-231 Breast Cancer Cells through Autophagy-Dependent Akt Degradation. <i>PLoS ONE</i> , 2016, 11, e0146553.	1.1	117
4802	Interleukin-22 Alleviated Palmitate-Induced Endoplasmic Reticulum Stress in INS-1 Cells through Activation of Autophagy. <i>PLoS ONE</i> , 2016, 11, e0146818.	1.1	22
4803	Sodium Butyrate Induces Endoplasmic Reticulum Stress and Autophagy in Colorectal Cells: Implications for Apoptosis. <i>PLoS ONE</i> , 2016, 11, e0147218.	1.1	67
4804	AarF Domain Containing Kinase 3 (ADCK3) Mutant Cells Display Signs of Oxidative Stress, Defects in Mitochondrial Homeostasis and Lysosomal Accumulation. <i>PLoS ONE</i> , 2016, 11, e0148213.	1.1	15
4805	Impaired Autophagy in Adult Bone Marrow CD34+ Cells of Patients with Aplastic Anemia: Possible Pathogenic Significance. <i>PLoS ONE</i> , 2016, 11, e0149586.	1.1	11
4806	Induction of Autophagy in the Striatum and Hypothalamus of Mice after 835 MHz Radiofrequency Exposure. <i>PLoS ONE</i> , 2016, 11, e0153308.	1.1	11
4807	MEK Inhibition Sensitizes Precursor B-Cell Acute Lymphoblastic Leukemia (B-ALL) Cells to Dexamethasone through Modulation of mTOR Activity and Stimulation of Autophagy. <i>PLoS ONE</i> , 2016, 11, e0155893.	1.1	26
4808	IBMPFD Disease-Causing Mutant VCP/p97 Proteins Are Targets of Autophagic-Lysosomal Degradation. <i>PLoS ONE</i> , 2016, 11, e0164864.	1.1	31
4809	Upregulation of Mitochondrial Content in Cytochrome c Oxidase Deficient Fibroblasts. <i>PLoS ONE</i> , 2016, 11, e0165417.	1.1	29
4810	Autophagy is a signature of a signaling network that maintains hematopoietic stem cells. <i>PLoS ONE</i> , 2017, 12, e0177054.	1.1	22
4811	Bortezomib initiates endoplasmic reticulum stress, elicits autophagy and death in <i>Echinococcus granulosus</i> larval stage. <i>PLoS ONE</i> , 2017, 12, e0181528.	1.1	18
4812	Striatal astrocytes engulf dopaminergic debris in Parkinson's disease: A study in an animal model. <i>PLoS ONE</i> , 2017, 12, e0185989.	1.1	48
4813	Gene Therapy Approach for Intervertebral Disc Degeneration: An Update. <i>Neurospine</i> , 2020, 17, 3-14.	1.1	34
4814	A Glimmer of Hope: Maintain Mitochondrial Homeostasis to Mitigate Alzheimer's Disease. , 2020, 11, 1260.		13
4815	Autophagy and Longevity. <i>Molecules and Cells</i> , 2018, 41, 65-72.	1.0	105
4816	Autophagy in neurons: a review. <i>Histology and Histopathology</i> , 2002, 17, 897-908.	0.5	213
4817	Evaluation of protein levels of autophagy markers (Beclin 1 and SQSTM1/p62) and phosphorylation of cyclin E in the placenta of women with preeclampsia. <i>Cellular and Molecular Biology</i> , 2017, 63, 51.	0.3	11

#	ARTICLE	IF	CITATIONS
4818	TFEB Overexpression in the P301S Model of Tauopathy Mitigates Increased PHF1 Levels and Lipofuscin Puncta and Rescues Memory Deficits. <i>ENeuro</i> , 2016, 3, ENEURO.0042-16.2016.	0.9	52
4819	Tri-ortho-cresyl phosphate induces autophagy of mouse ovarian granulosa cells. <i>Reproduction</i> , 2019, 158, 61-69.	1.1	16
4820	Autophagy and the nutritional signaling pathway. <i>Frontiers of Agricultural Science and Engineering</i> , 2016, 3, 222.	0.9	14
4821	Early Differentiating Mouse Astroglial Progenitors Share Common Protein Signatures with GL261 Glioma Cells. <i>Journal of Stem Cell and Regenerative Biology</i> , 2016, 2, 1-15.	0.2	1
4822	The effect of aging on the autophagic and heat shock response in human peripheral blood mononuclear cells. <i>Physiology International</i> , 2018, 105, 247-256.	0.8	14
4823	Autophagy in tumor suppression and cancer therapy. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2011, 21, 71-100.	0.4	142
4824	A New Linkage between the Tumor Suppressor RKIP and Autophagy: Targeted Therapeutics. <i>Critical Reviews in Oncogenesis</i> , 2018, 23, 281-305.	0.2	15
4825	Rola autofagii w komórkach nowotworowych: charakterystyka wzajemnych zależności pomiędzy procesami autofagii i apoptozy; modulacja autofagii jako nowa strategia terapeutyczna w leczeniu glejaków. <i>Postepy Biochemii</i> , 2018, 64, 119-128.	0.5	15
4826	Inhibition of mammalian S6 kinase by resveratrol suppresses autophagy. <i>Aging</i> , 2009, 1, 515-528.	1.4	146
4827	Prelamin A accumulation and stress conditions induce impaired Oct-1 activity and autophagy in prematurely aged human mesenchymal stem cell. <i>Aging</i> , 2014, 6, 264-280.	1.4	47
4828	Novel cellular evidence of lipophagy within the Sertoli cells during spermatogenesis in the turtle. <i>Aging</i> , 2016, 9, 41-51.	1.4	15
4829	Sodium fluoride induces splenocyte autophagy via the mammalian targets of rapamycin (mTOR) signaling pathway in growing mice. <i>Aging</i> , 2018, 10, 1649-1665.	1.4	25
4830	White light emitting diode induces autophagy in hippocampal neuron cells through GSK-3-mediated GR and ROR1± pathways. <i>Aging</i> , 2019, 11, 1832-1849.	1.4	10
4831	MeCP2 inhibits cell functionality through FoxO3a and autophagy in endothelial progenitor cells. <i>Aging</i> , 2019, 11, 6714-6733.	1.4	9
4832	LncRNA Sox2OT-V7 promotes doxorubicin-induced autophagy and chemoresistance in osteosarcoma via tumor-suppressive miR-142/miR-22. <i>Aging</i> , 2020, 12, 6644-6666.	1.4	37
4833	Leptin acts on mesenchymal stem cells to promote chemoresistance in osteosarcoma cells. <i>Aging</i> , 2020, 12, 6340-6351.	1.4	8
4834	Bnip3 interacts with vimentin, an intermediate filament protein, and regulates autophagy of hepatic stellate cells. <i>Aging</i> , 2021, 13, 957-972.	1.4	6
4835	Synergistic enhancement of 5-fluorouracil cytotoxicity by deoxyuridine analogs in cancer cells. <i>Oncoscience</i> , 2015, 2, 272-284.	0.9	1

#	ARTICLE	IF	CITATIONS
4836	Activation of autophagic flux by epigallocatechin gallate mitigates TRAIL-induced tumor cell apoptosis via down-regulation of death receptors. <i>Oncotarget</i> , 2016, 7, 65660-65668.	0.8	19
4837	Zanthoxylum fruit extract from Japanese pepper promotes autophagic cell death in cancer cells. <i>Oncotarget</i> , 2016, 7, 70437-70446.	0.8	16
4838	Novel role of miR-29a in pancreatic cancer autophagy and its therapeutic potential. <i>Oncotarget</i> , 2016, 7, 71635-71650.	0.8	60
4839	The AKT Inhibitor MK-2206 is Cytotoxic in Hepatocarcinoma Cells Displaying Hyperphosphorylated AKT-1 and Synergizes with Conventional Chemotherapy. <i>Oncotarget</i> , 2013, 4, 1496-1506.	0.8	47
4840	The induction of autophagy against mitochondria-mediated apoptosis in lung cancer cells by a ruthenium (II) imidazole complex. <i>Oncotarget</i> , 2016, 7, 80716-80734.	0.8	49
4841	Cholesterol-induced mammary tumorigenesis is enhanced by adiponectin deficiency: role of LDL receptor upregulation. <i>Oncotarget</i> , 2013, 4, 1804-1818.	0.8	42
4842	Metformin promotes apoptosis in hepatocellular carcinoma through the CEBPD-induced autophagy pathway. <i>Oncotarget</i> , 2017, 8, 13832-13845.	0.8	56
4843	Autophagy is highly targeted among host comparative proteomes during infection with different virulent RABV strains. <i>Oncotarget</i> , 2017, 8, 21336-21350.	0.8	10
4844	PPAR δ activation by troglitazone enhances human lung cancer cells to TRAIL-induced apoptosis via autophagy flux. <i>Oncotarget</i> , 2017, 8, 26819-26831.	0.8	22
4845	Protective effect of madecassoside on H ₂ O ₂ -induced oxidative stress and autophagy activation in human melanocytes. <i>Oncotarget</i> , 2017, 8, 51066-51075.	0.8	22
4846	The addition of abemaciclib to sunitinib induces regression of renal cell carcinoma xenograft tumors. <i>Oncotarget</i> , 2017, 8, 95116-95134.	0.8	28
4847	GABARAPL1 tumor suppressive function is independent of its conjugation to autophagosomes in MCF-7 breast cancer cells. <i>Oncotarget</i> , 2017, 8, 55998-56020.	0.8	23
4848	Calyxin Y sensitizes cisplatin-sensitive and resistant hepatocellular carcinoma cells to cisplatin through apoptotic and autophagic cell death via SCF β TrCP-mediated eEF2K degradation. <i>Oncotarget</i> , 2017, 8, 70595-70616.	0.8	4
4849	Combining AKT inhibition with chloroquine and gefitinib prevents compensatory autophagy and induces cell death in EGFR mutated NSCLC cells. <i>Oncotarget</i> , 2014, 5, 4765-4778.	0.8	42
4850	Maslinic acid promotes autophagy by disrupting the interaction between Bcl2 and Beclin1 in rat pheochromocytoma PC12 cells. <i>Oncotarget</i> , 2017, 8, 74527-74538.	0.8	14
4851	Mitophagy switches cell death from apoptosis to necrosis in NSCLC cells treated with oncolytic measles virus. <i>Oncotarget</i> , 2014, 5, 3907-3918.	0.8	33
4852	Vorinostat and metformin sensitize EGFR-TKI resistant NSCLC cells via BIM-dependent apoptosis induction. <i>Oncotarget</i> , 2017, 8, 93825-93838.	0.8	22
4853	Metformin alleviates nickel-induced autophagy and apoptosis via inhibition of hexokinase-2, activating lipocalin-2, in human bronchial epithelial cells. <i>Oncotarget</i> , 2017, 8, 105536-105552.	0.8	28

#	ARTICLE	IF	CITATIONS
4854	Alisertib promotes apoptosis and autophagy in melanoma through p38 MAPK-mediated aurora a signaling. <i>Oncotarget</i> , 2017, 8, 107076-107088.	0.8	19
4855	2,2â€²-Methylenebis (6-tert-butyl 4-methylphenol) enhances the antitumor efficacy of belotecan, a derivative of camptothecin, by inducing autophagy. <i>Oncotarget</i> , 2017, 8, 115068-115078.	0.8	8
4856	Mitochondrial ROS activates ERK/autophagy pathway as a protected mechanism against deoxydopodophyllotoxin-induced apoptosis. <i>Oncotarget</i> , 2017, 8, 111581-111596.	0.8	40
4857	Mitochondrial dysfunction activates lysosomal-dependent mitophagy selectively in cancer cells. <i>Oncotarget</i> , 2018, 9, 995-1011.	0.8	31
4858	Ophiopogonin B sensitizes TRAIL-induced apoptosis through activation of autophagy flux and downregulates cellular FLICE-like inhibitory protein. <i>Oncotarget</i> , 2018, 9, 4161-4172.	0.8	11
4859	Ciclopirox induces autophagy through reactive oxygen species-mediated activation of JNK signaling pathway. <i>Oncotarget</i> , 2014, 5, 10140-10150.	0.8	75
4860	SB202190 inhibits endothelial cell apoptosis via induction of autophagy and heme oxygenase-1. <i>Oncotarget</i> , 2018, 9, 23149-23163.	0.8	9
4861	Bcl-xL mediates therapeutic resistance of a mesenchymal breast cancer cell subpopulation. <i>Oncotarget</i> , 2014, 5, 11778-11791.	0.8	30
4862	Increased expression of fatty acid synthase provides a survival advantage to colorectal cancer cells via upregulation of cellular respiration. <i>Oncotarget</i> , 2015, 6, 18891-18904.	0.8	97
4863	KLF4-SQSTM1/p62-associated prosurvival autophagy contributes to carfilzomib resistance in multiple myeloma models. <i>Oncotarget</i> , 2015, 6, 14814-14831.	0.8	67
4864	Licochalcone A induces autophagy through PI3K/Akt/mTOR inactivation and autophagy suppression enhances Licochalcone A-induced apoptosis of human cervical cancer cells. <i>Oncotarget</i> , 2015, 6, 28851-28866.	0.8	120
4865	CREB1-driven expression of miR-320a promotes mitophagy by down-regulating VDAC1 expression during serum starvation in cervical cancer cells. <i>Oncotarget</i> , 2015, 6, 34924-34940.	0.8	40
4866	CGK733-induced LC3 II formation is positively associated with the expression of cyclin-dependent kinase inhibitor p21Waf1/Cip1 through modulation of the AMPK and PERK/CHOP signaling pathways. <i>Oncotarget</i> , 2015, 6, 39692-39701.	0.8	8
4867	Sorafenib-induced defective autophagy promotes cell death by necroptosis. <i>Oncotarget</i> , 2015, 6, 37066-37082.	0.8	53
4868	Deconvoluting the complexity of autophagy and Parkinson's disease for potential therapeutic purpose. <i>Oncotarget</i> , 2015, 6, 40480-40495.	0.8	11
4869	Fast clearance of lipid droplets through MAP1S-activated autophagy suppresses clear cell renal cell carcinomas and promotes patient survival. <i>Oncotarget</i> , 2016, 7, 6255-6265.	0.8	40
4870	Combating autophagy is a strategy to increase cytotoxic effects of novel ALK inhibitor entrectinib in neuroblastoma cells. <i>Oncotarget</i> , 2016, 7, 5646-5663.	0.8	39
4871	Lanatoside C suppressed colorectal cancer cell growth by inducing mitochondrial dysfunction and increased radiation sensitivity by impairing DNA damage repair. <i>Oncotarget</i> , 2016, 7, 6074-6087.	0.8	35

#	ARTICLE	IF	CITATIONS
4872	MicroRNA-138 promotes acquired alkylator resistance in glioblastoma by targeting the Bcl-2-interacting mediator BIM. <i>Oncotarget</i> , 2016, 7, 12937-12950.	0.8	58
4873	Diagnostic and clinical relevance of the autophago-lysosomal network in human gliomas. <i>Oncotarget</i> , 2016, 7, 20016-20032.	0.8	32
4874	Activation of autophagy flux by metformin downregulates cellular FLICE-like inhibitory protein and enhances TRAIL- induced apoptosis. <i>Oncotarget</i> , 2016, 7, 23468-23481.	0.8	49
4875	Tumor suppressor Spred2 interaction with LC3 promotes autophagosome maturation and induces autophagy-dependent cell death. <i>Oncotarget</i> , 2016, 7, 25652-25667.	0.8	31
4876	Obatoclox kills anaplastic thyroid cancer cells by inducing lysosome neutralization and necrosis. <i>Oncotarget</i> , 2016, 7, 34453-34471.	0.8	21
4877	Prognostic value of the autophagy markers LC3 and p62/SQSTM1 in early-stage non-small cell lung cancer. <i>Oncotarget</i> , 2016, 7, 39544-39555.	0.8	93
4878	Oncolytic adenovirus-induced autophagy: tumor-suppressive effect and molecular basis. <i>Acta Medica Okayama</i> , 2013, 67, 333-42.	0.1	20
4879	Autophagy in <i>C. elegans</i> . <i>WormBook</i> , 2009, , 1-26.	5.3	82
4880	Human retinal pigment epithelial cells are protected against hypoxia by BNIP3. <i>Annals of Translational Medicine</i> , 2020, 8, 1502-1502.	0.7	6
4881	Pros and cons of different ways to address dysfunctional autophagy in Pompe disease. <i>Annals of Translational Medicine</i> , 2019, 7, 279-279.	0.7	8
4882	Modulation of Cell Death in Age-Related Diseases. <i>Current Pharmaceutical Design</i> , 2014, 20, 3052-3067.	0.9	14
4883	Trehalose Protects against Insulin Resistance-Induced Tissue Injury and Excessive Autophagy in Skeletal Muscles and Kidney. <i>Current Pharmaceutical Design</i> , 2019, 25, 2077-2085.	0.9	12
4884	Temporary Solubilizing Tags Method for the Chemical Synthesis of Hydrophobic Proteins. <i>Current Organic Chemistry</i> , 2019, 23, 2-13.	0.9	8
4885	Targeting Autophagic Pathways by Plant Natural Compounds in Cancer Treatment. <i>Current Drug Targets</i> , 2020, 21, 1237-1249.	1.0	3
4886	Inhibition of Autophagy Potentiated Hippocampal Cell Death Induced by Endoplasmic Reticulum Stress and its Activation by Trehalose Failed to be Neuroprotective. <i>Current Neurovascular Research</i> , 2019, 16, 3-11.	0.4	2
4887	Autophagy Fails to Alter Withaferin A-Mediated Lethality in Human Breast Cancer Cells. <i>Current Cancer Drug Targets</i> , 2013, 13, 640-650.	0.8	32
4888	Autophagy in Diabetic Retinopathy. <i>Current Neuropharmacology</i> , 2016, 14, 810-825.	1.4	104
4889	The Role of Autophagy in Subarachnoid Hemorrhage: An Update. <i>Current Neuropharmacology</i> , 2018, 16, 1255-1266.	1.4	24

#	ARTICLE	IF	CITATIONS
4890	Programmed Cell Death after Intracerebral Hemorrhage. <i>Current Neuropharmacology</i> , 2018, 16, 1267-1281.	1.4	77
4891	Autophagy and Ubiquitination as Two Major Players in Colorectal Cancer: A Review on Recent Patents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2020, 15, 143-153.	0.8	3
4892	Yishen Huazhuo Decoction Induces Autophagy to Promote the Clearance of A β 1-42 in SAMP8 Mice: Mechanism Research of a Traditional Chinese Formula Against Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 276-289.	0.8	4
4893	Immunogold Electron Microscopy of the Autophagosome Marker LC3. <i>Bio-protocol</i> , 2017, 7, e2648.	0.2	5
4894	Autophagy and Apoptosis. <i>Japanese Journal of Clinical Immunology</i> , 2000, 23, 527-530.	0.0	3
4895	Ursolic Acid Suppresses Hepatitis B Virus X Protein-mediated Autophagy and Chemotherapeutic Drug Resistance. <i>Anticancer Research</i> , 2016, 36, 5097-5108.	0.5	12
4896	Inhibition of Glutaminolysis Inhibits Cell Growth via Down-regulating Mtorc1 Signaling in Lung Squamous Cell Carcinoma. <i>Anticancer Research</i> , 2016, 36, 6021-6030.	0.5	9
4897	Regulation of autophagy by AMP-activated protein kinase/sirtuin 1 pathway reduces spinal cord neurons damage. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 1029-1036.	1.0	36
4898	Hydrolysis product of Nigella A obtained from <i>Nigella glandulifera</i> Freyn seeds promotes apoptosis and AMPK-mediated autophagy in human colon cancer SW620 cells. <i>Archives of Biological Sciences</i> , 2018, 70, 603-612.	0.2	3
4899	The autophagy-lysosomal degradation pathway: role in neurodegenerative disease and therapy. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 718.	3.0	116
4900	Simvastatin improves lysosome function via enhancing lysosome biogenesis in endothelial cells. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 283-298.	3.0	11
4901	Modulatory Effects of Autophagy on APP Processing as a Potential Treatment Target for Alzheimer's Disease. <i>Biomedicines</i> , 2021, 9, 5.	1.4	37
4902	Targeting Degradation of EGFR through the Allosteric Site Leads to Cancer Cell Detachment-Promoted Death. <i>Cancers</i> , 2019, 11, 1094.	1.7	13
4903	Mechanisms Regulating the UPS-ALS Crosstalk: The Role of Proteaphagy. <i>Molecules</i> , 2020, 25, 2352.	1.7	18
4904	A Study on The Mechanism of The Inhibition of Bel-7404 Hepatocarcinoma Cell Growth by MG132*. <i>Progress in Biochemistry and Biophysics</i> , 2010, 37, 627-634.	0.3	1
4905	Ezetimibe improves hepatic steatosis in relation to autophagy in obese and diabetic rats. <i>World Journal of Gastroenterology</i> , 2015, 21, 7754.	1.4	28
4907	Apocynum venetum leaf extract protects against H ₂ O ₂ -induced oxidative stress by increasing autophagy in PC12 cells. <i>Biomedical Reports</i> , 2020, 13, 6.	0.9	4
4908	Oblongifolin reverses GEM resistance via suppressing autophagy flux in bladder cancer cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1431-1440.	0.8	6

#	ARTICLE	IF	CITATIONS
4909	Autophagy dysfunction may be involved in the pathogenesis of ankylosing spondylitis. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 3578-3586.	0.8	8
4910	Autophagy inhibition enhances the inhibitory effects of ursolic acid on lung cancer cells. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1816-1826.	1.8	14
4911	Tubeimoside A induces autophagy in HepG2 cells by activating the AMP-activated protein kinase signaling pathway. <i>Oncology Letters</i> , 2020, 20, 623-630.	0.8	6
4912	Mechanistic studies of cytotoxic activity of the mesoionic compound MIH2.4BI in MCF7 breast cancer cells. <i>Oncology Letters</i> , 2020, 20, 2291-2301.	0.8	4
4913	Pancreatic cancer cell apoptosis is induced by a proteoglycan extracted from <i>Ganoderma lucidum</i> . <i>Oncology Letters</i> , 2020, 21, 34.	0.8	9
4914	The role of autophagic and lysosomal pathways in ischemic brain injury. <i>Neural Regeneration Research</i> , 2013, 8, 2117-25.	1.6	12
4915	Autophagy enhances the aggressiveness of human colorectal cancer cells and their ability to adapt to apoptotic stimulus. <i>Cancer Biology and Medicine</i> , 2012, 9, 105-10.	1.4	46
4916	Beclin 1 Complex and Neurodegenerative Disorders. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020, , 236-260.	0.1	2
4917	Autophagy-Dependent Survival of Mutant B-Raf Melanoma Cells Selected for Resistance to Apoptosis Induced by Inhibitors against Oncogenic B-Raf. <i>Biomolecules and Therapeutics</i> , 2013, 21, 114-120.	1.1	21
4918	Reduced Autophagy in 5-Fluorouracil Resistant Colon Cancer Cells. <i>Biomolecules and Therapeutics</i> , 2017, 25, 315-320.	1.1	35
4919	$\hat{\alpha}$, $\hat{\beta}$ -Mangostins Induce Autophagy and Show Synergistic Effect with Gemcitabine in Pancreatic Cancer Cell Lines. <i>Biomolecules and Therapeutics</i> , 2017, 25, 609-617.	1.1	18
4920	Autophagic induction of amyotrophic lateral sclerosislinked Cu/Zn superoxide dismutase 1 G93A mutant in NSC34 cells. <i>Neural Regeneration Research</i> , 2014, 9, 16.	1.6	13
4921	Bone marrow mesenchymal stem cells repair spinal cord ischemia/reperfusion injury by promoting axonal growth and anti-autophagy. <i>Neural Regeneration Research</i> , 2014, 9, 1665.	1.6	26
4922	Atorvastatin activates autophagy and promotes neurological function recovery after spinal cord injury. <i>Neural Regeneration Research</i> , 2016, 11, 977.	1.6	30
4923	Anticancer effects of Calotropis procera latex extract in mcf-7 breast cancer cells. <i>Pharmacognosy Magazine</i> , 2020, 16, 550.	0.3	9
4924	Studying the Effect of Downregulating Autophagy-Related Gene LC3 on TLR3 Apoptotic Pathway Mediated by dsRNA in Hepatocellular Carcinoma Cells. <i>Cancer Research and Treatment</i> , 2017, 49, 230-245.	1.3	7
4925	Chloroquine enjoys a renaissance as an antineoplastic therapy. <i>Clinical Investigation</i> , 2013, 3, 743-761.	0.0	7
4926	Induction of autophagy by drug-resistant esophageal cancer cells promotes their survival and recovery following treatment with chemotherapeutics. <i>Autophagy</i> , 2011, 7, 509-24.	4.3	156

#	ARTICLE	IF	CITATIONS
4927	MK615, A Compound Extract from the Japanese Apricot "Prunus mume" Inhibits In vitro Cell Growth and Interleukin-8 Expression in Non-small Cell Lung Cancer Cells. Journal of Cancer Science & Therapy, 2012, 01, .	1.7	5
4928	<i>ATG5</i> knockout promotes paclitaxel sensitivity in drug-resistant cells <i>via</i> induction of necrotic cell death. Korean Journal of Physiology and Pharmacology, 2020, 24, 233-240.	0.6	4
4929	Autophagic cell death: A new frontier in cancer research. Advances in Bioscience and Biotechnology (Print), 2013, 04, 250-262.	0.3	10
4930	Constitutive AKT Activity Predisposes Lung Fibrosis by Regulating Macrophage, Myofibroblast and Fibrocyte Recruitment and Changes in Autophagy. Advances in Bioscience and Biotechnology (Print), 2019, 10, 346-373.	0.3	12
4931	The Sucrose Starvation Signal Mediates Induction of Autophagy- and Amino Acid Catabolism-Related Genes in Cowpea Seedling. American Journal of Plant Sciences, 2013, 04, 647-653.	0.3	2
4932	C<sub>16</sub> Saturated Fatty Acid Induced Autophagy in A549 Cells through Topoisomerase I Inhibition. Food and Nutrition Sciences (Print), 2012, 03, 1220-1227.	0.2	5
4933	Protective Effects of Polyphenol Extracts from Sea Buckthorn (<i>Hippopha<#235)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 10-18.	0.6	3
4934	Autophagy-Is it a preferred route for lifespan extension?. BMB Reports, 2009, 42, 65-71.	1.1	11
4935	Quantitative and qualitative analysis of autophagy flux using imaging. BMB Reports, 2020, 53, 241-247.	1.1	27
4936	Crosstalk between autophagy and proteasome protein degradation systems: possible implications for cancer therapy. Folia Histochemica Et Cytobiologica, 2014, 51, 249-264.	0.6	59
4937	The significance of macroautophagy in health and disease. Folia Morphologica, 2013, 72, 87-93.	0.4	14
4938	Effects of long-term resistance exercise training on autophagy in rat skeletal muscle of chloroquine-induced sporadic inclusion body myositis. Journal of Exercise Nutrition & Biochemistry, 2015, 19, 225-234.	1.3	20
4939	Rapamycin induces differentiation of glioma stem/progenitor cells by activating autophagy. Chinese Journal of Cancer, 2011, 30, 712-720.	4.9	15
4940	The Role of Cell Autophagy in Cancer and Its Application in Drug Discovery. , 0, , .		1
4941	Autophagy in Cervical Cancer: An Emerging Therapeutic Target. Asian Pacific Journal of Cancer Prevention, 2012, 13, 4867-4871.	0.5	38
4942	Autophagy Inhibition Promotes Gambogic Acid-induced Suppression of Growth and Apoptosis in Glioblastoma Cells. Asian Pacific Journal of Cancer Prevention, 2012, 13, 6211-6216.	0.5	31
4943	Steroidal Saponins from Paris polyphylla Induce Apoptotic Cell Death and Autophagy in A549 Human Lung Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2015, 16, 1169-1173.	0.5	21
4944	Genetic screen in Drosophila muscle identifies autophagy-mediated T-tubule remodeling and a Rab2 role in autophagy. ELife, 2017, 6, .	2.8	88

#	ARTICLE	IF	CITATIONS
4945	Cell-type-specific regulation of neuronal intrinsic excitability by macroautophagy. <i>ELife</i> , 2020, 9, .	2.8	28
4946	Class A scavenger receptor activation inhibits endoplasmic reticulum stress-induced autophagy in macrophage. <i>Journal of Biomedical Research</i> , 2014, 28, 213-21.	0.7	25
4947	Anticancer Effects of the Extracts of <i>Adonis multiflora</i> . <i>Korean Journal of Plant Resources</i> , 2015, 28, 561-567.	0.2	2
4948	Ultrastructural Abnormalities in APP/PSEN1 Transgenic Mouse Brain as the Alzheimer's Disease Model. <i>Applied Microscopy</i> , 2012, 42, 179-185.	0.8	5
4949	A new type of ERGICâ€“ERES membrane contact mediated by TMED9 and SEC12 is required for autophagosome biogenesis. <i>Cell Research</i> , 2022, 32, 119-138.	5.7	31
4950	Autophagy in Tumor Immunity and Viral-Based Immunotherapeutic Approaches in Cancer. <i>Cells</i> , 2021, 10, 2672.	1.8	5
4952	Overexpressed Smurf1 is degraded in glioblastoma cells through autophagy in a p62â€“dependent manner. <i>FEBS Open Bio</i> , 2022, 12, 118-129.	1.0	4
4953	Berberine Inhibits MDA-MB-231 Cells as an Agonist of G Protein-Coupled Estrogen Receptor 1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11466.	1.8	3
4954	Differential Ubiquitination as an Effective Strategy Employed by the Blood-Brain Barrier for Prevention of Bacterial Transcytosis. <i>Journal of Bacteriology</i> , 2022, 204, JB0045621.	1.0	6
4956	Klotho as Potential Autophagy Regulator and Therapeutic Target. <i>Frontiers in Pharmacology</i> , 2021, 12, 755366.	1.6	35
4957	Dynamic changes of autophagy during hypertrophic scar formation and the role of autophagy intervention. <i>Chinese Journal of Plastic and Reconstructive Surgery</i> , 2021, , .	0.1	0
4958	New insights into the role of autophagy in retinal and eye diseases. <i>Molecular Aspects of Medicine</i> , 2021, 82, 101038.	2.7	20
4959	Oxalate Activates Autophagy to Induce Ferroptosis of Renal Tubular Epithelial Cells and Participates in the Formation of Kidney Stones. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-22.	1.9	18
4960	Stat1 confers sensitivity to radiation in cervical cancer cells by controlling Parp1 levels: a new perspective for Parp1 inhibition. <i>Cell Death and Disease</i> , 2021, 12, 933.	2.7	13
4962	REV1 Inhibition Enhances Radioresistance and Autophagy. <i>Cancers</i> , 2021, 13, 5290.	1.7	7
4963	Low deacetylation degree chitosan oligosaccharide protects against IL-1 β induced inflammation and enhances autophagy activity in human chondrocytes. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 517-531.	1.9	7
4964	Free fatty acids impair autophagic activity and activate nuclear factor kappa B signaling and NLR family pyrin domain containing 3 inflammasome in calf hepatocytes. <i>Journal of Dairy Science</i> , 2021, 104, 11973-11982.	1.4	6
4965	Extracellular vesicle-associated small heat shock proteins as therapeutic agents in neurodegenerative diseases and beyond. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114009.	6.6	9

#	ARTICLE	IF	CITATIONS
4967	Structural Biology of Autophagy. <i>Seibutsu Butsuri</i> , 2007, 47, 107-111.	0.0	0
4968	Acute-phase reaction of the pancreas. , 2008, , 148-163.		0
4969	Cellular Stress in Acute Pancreatitis. , 2009, , 9-24.		0
4971	Radiation Combined Injury: DNA Damage, Apoptosis, and Autophagy. <i>Adaptive Medicine</i> , 2010, 2, 1-10.	0.1	18
4972	Cell Death and Autophagy. , 2010, , 176-188.		0
4973	Autophagy, Prion Infection and their Mutual Interactions. <i>Current Issues in Molecular Biology</i> , 2010, , .	1.0	40
4974	Autophagy: Limited Self-Digestion. , 2010, , 124-125.		0
4975	Macroautophagy. <i>Molecular Pathology Library</i> , 2011, , 389-396.	0.1	1
4977	Role of gamma aminobutyric acid A receptor associated protein (GABARAP) in the podocytes of GABARAP Tg mice. <i>Juntendol, Igaku</i> , 2011, 57, 488-493.	0.1	0
4978	Ischemia-reperfusion injury induced overexpression of autophagy-related genes in cardiomyocytes. <i>Academic Journal of Second Military Medical University</i> , 2011, 31, 776-778.	0.0	0
4979	Crystallographic Studies on Autophagy-Related Proteins. , 0, , .		1
4980	Certain protein transducing agents convert translocated proteins into cell killers.. <i>Acta Biochimica Polonica</i> , 2012, 59, .	0.3	0
4981	The Role of Autophagy in Drug Resistance and Potential for Therapeutic Targeting. , 2013, , 87-116.		0
4982	Inflammatory Bowel Disease at the Intersection of Autophagy and Immunity: Insights from Human Genetics. , 2013, , 241-264.		1
4983	Infectious Agents and Autophagy: Sometimes You Win, Sometimes You Lose. , 0, , .		0
4984	Induction of Autophagy by Anthrax Lethal Toxin. , 0, , .		0
4986	Protein turnover: to self-eat or not to self-eat, that's the question. <i>Postdoc Journal</i> , 0, , .	0.4	0
4987	Autophagy in Spinal Cord Injury: Pathogenic Roles and Therapeutic Implications. , 2014, , 19-30.		0

#	ARTICLE	IF	CITATIONS
4989	Bromelain and N-acetylcysteine inhibit proliferation and survival of gastrointestinal cancer cells in vitro : significance of combination therapy. Journal of Experimental and Clinical Cancer Research, 2014, 33, 92.	3.5	15
4990	Autophagy in Glioma Cells. , 2014, , 117-149.		1
4991	Autophagy Degrades Endocytosed Gap Junctions. , 2015, , 273-285.		0
4992	A Personal Research Chronicle for 41 Years at Juntendo University. Juntendo Medical Journal, 2015, 61, 272-279.	0.1	0
4994	A Novel Approach to Peritoneal Dissemination of Mucin-Expressing Malignancies of Gastrointestinal Origin. , 2016, , 99-158.		0
4995	Autophagy in Cancer Chemoprevention: Identification of Novel Autophagy Modulators with Anticancer Potential. Methods in Molecular Biology, 2016, 1379, 151-163.	0.4	3
4997	Why Not Have Blueberries with Cinnamon Instead of Cream? A Review of Immune Modulation by Common Cooking Herbs and Spices. , 2016, 2, .		0
5002	Memeli h ^{1/4} crelerinde otofajinin molek ^{1/4} ler mekanizmas [±] . Mehmet Akif Ersoy ^{1/4} eniversitesi Sa ^{1/4} Y ^{1/4} Ä±k Bilimleri Enstit ^{1/4} s ^{1/4} Dergisi, 2017, 5, 204-217.	0.3	0
5003	Evaluation of protein levels of autophagy markers (Beclin 1 and SQSTM1/p62) and phosphorylation of cyclin E in the placenta of women with preeclampsia. Cellular and Molecular Biology, 2017, 63, 51-55.	0.3	5
5004	Pregabalin administration induces alterations in neural tube development during early embryonic stages.. Turkish Neurosurgery, 2018, , .	0.1	1
5006	Regulation of Autophagy by the Heat Shock Factor 1-Mediated Stress Response Pathway. Heat Shock Proteins, 2018, , 167-178.	0.2	0
5007	LC3-positive puncta increase in skeletal muscle of patient-derived xenograft mice. Japanese Journal of Physical Fitness and Sports Medicine, 2018, 67, 99-105.	0.0	0
5008	Amifostine Protects Mouse Liver Against Radiation-induced Autophagy Blockage. Anticancer Research, 2018, 38, 227-238.	0.5	8
5009	â ^{3/4} ç [”] ÿç%©ãĒç”ÿç” Łã [”] ã,çè,,è ³ ã» Łè-â [”] ġâ ^{3/4} ġâ%ã [”] ç”çġã«é...ãã,%%ã,Ēãġ. Kagaku To Seibutsu, 2018, 56, 178-183.		0
5010	THE DIFFERENCE OF MAP1LC3 LEVEL AS MACROPHAGE AUTOPHAGY MARKER BETWEEN RESISTANT AND SENSITIVE TUBERCULOSIS PATIENTS ON RIFAMPICIN. Indonesian Journal of Tropical and Infectious Disease, 2018, 7, 6.	0.1	0
5011	Effects of Aerobic Exercise on the Autophagy-Related Protein Expressions in Vascular Endothelial Cells. Exercise Science, 2018, 27, 140-145.	0.1	0
5013	AUTOPHAGY; Recent Advances in Health and Disease. Journal of Medical Histology, 2018, 2, 1-10.	0.1	0
5014	Autophagy and T Cell Aging. , 2019, , 1359-1378.		0

#	ARTICLE	IF	CITATIONS
5015	Inflammatory Bowel Disease at the Intersection of Autophagy and Immunity: Insights from Human Genetics. , 2019, , 305-328.		2
5016	Peroxisome Degradation and Its Molecular Machinery. , 2019, , 43-58.		0
5017	Analysis of the Expression of Key Protein Regulators of Apoptosis and Autophagy in T-Lymphocytes of Patients with Bronchial Asthma. UÅeny Zapiski Kazanskogo Gosudarstvennogo Universiteta: Serii Estestvennyye Nauki, 2019, 161, 505-520.	0.1	0
5021	Role of autophagy in LPS-induced inflammation in INS β 1 cells. Molecular Medicine Reports, 2019, 19, 5211-5218.	1.1	3
5022	Osthole down-regulates miR-30a and promotes autophagy to protect rats against myocardial ischemia/reperfusion injury. Turkish Journal of Thoracic and Cardiovascular Surgery, 2019, 27, 178-184.	0.2	5
5024	Effects of 10-Week Treadmill Exercise on the Improvement of Obesity-Induced Autophagy Dysregulation in Arterial Endothelial Cells of Mice. Exercise Science, 2019, 28, 263-269.	0.1	1
5026	Methods for Studying TNF α -Induced Autophagy. Methods in Molecular Biology, 2020, 2108, 131-146.	0.4	1
5027	Øšù,,ù...ùrø³ Øšù,,øù,,ùrù% Øšù,,ù...ø±ù...ø¬ Øšù,,ùø¹Øšù,, ø¹ù† ø-ø±ùšù, Øšù,,ø-ù...ø¹ Øšù,,ø³øçø±ø±ùš ù,Øšø«Ù		
5032	Remifentanil attenuates sepsis-induced intestinal injury by inducing autophagy. Bioengineered, 2021, 12, 9575-9584.	1.4	9
5033	SC75741, A Novel c-Abl Inhibitor, Promotes the Clearance of TDP25 Aggregates via ATG5-Dependent Autophagy Pathway. Frontiers in Pharmacology, 2021, 12, 741219.	1.6	6
5034	GNMB mitigates Alzheimer's disease and enhances autophagy via suppressing the mTOR signal. Neuroscience Letters, 2022, 767, 136300.	1.0	15
5035	Conserved and Diversified Mechanism of Autophagy between Plants and Animals upon Various Stresses. Antioxidants, 2021, 10, 1736.	2.2	10
5036	Ginsenoside (20S)-protopanaxatriol induces non-protective autophagy and apoptosis by inhibiting Akt/mTOR signaling pathway in triple-negative breast cancer cells. Biochemical and Biophysical Research Communications, 2021, 583, 184-191.	1.0	6
5037	Autophagy and Cell Death: Antitumor Drugs Targeting Autophagy. , 0, , .		1
5038	The neuroprotective effects of activated $\alpha 7$ nicotinic acetylcholine receptor against mutant copper-zinc superoxide dismutase 1-mediated toxicity. Scientific Reports, 2020, 10, 22157.	1.6	13
5039	Luteolin attenuates angiotensin II-induced renal damage in apolipoprotein E-deficient mice. Molecular Medicine Reports, 2020, 23, .	1.1	6
5040	The BAD-BAX-Caspase-3 Cascade Modulates Synaptic Vesicle Pools via Autophagy. Journal of Neuroscience, 2021, 41, 1174-1190.	1.7	16
5044	Visualization of lipophagy using a supramolecular FRET pair. Chemical Communications, 2021, 57, 12179-12182.	2.2	11

#	ARTICLE	IF	CITATIONS
5045	Characterization of LC3 and p62 on Rat Prostate Lobe in Benign Prostate Hyperplasia Animal Model. <i>Anatomy & Biological Anthropology</i> , 2020, 33, 181.	0.1	1
5046	Endoplasmic Reticulum Stress and Autophagy in Cancer. , 2020, , 355-402.		0
5048	Effect of cordycepin on Inhibition proliferation by activating autophagy in HepG2 cell. <i>E3S Web of Conferences</i> , 2020, 189, 02026.	0.2	1
5049	Autophagic Dysfunction in Neurodegeneration. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020, , 25-62.	0.1	0
5050	Dysregulated Autophagy Leads to Oxidative Stress and Aberrant Expression of ABC Transporters in Women with Early Miscarriage. <i>Antioxidants</i> , 2021, 10, 1742.	2.2	8
5051	Autophagy Inhibits Intercellular Transport of Citrus Leaf Blotch Virus by Targeting Viral Movement Protein. <i>Viruses</i> , 2021, 13, 2189.	1.5	8
5052	Telmisartan Exerts Cytotoxicity in Scirrhou Gastric Cancer Cells by Inducing G0/G1 Cell Cycle Arrest. <i>Anticancer Research</i> , 2021, 41, 5461-5468.	0.5	5
5053	CHMP2B regulates TDP-43 phosphorylation and cytotoxicity independent of autophagy via CK1. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	11
5054	A noncanonical autophagy is involved in the transfer of <i>Plasmodium</i> -microvesicles to astrocytes. <i>Autophagy</i> , 2022, 18, 1583-1598.	4.3	6
5055	The balance between AIM2-associated inflammation and autophagy: the role of CHMP2A in brain injury after cardiac arrest. <i>Journal of Neuroinflammation</i> , 2021, 18, 257.	3.1	9
5056	Autophagy and apoptosis cascade: which is more prominent in neuronal death?. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 8001-8047.	2.4	58
5057	Translation Inhibitors Activate Autophagy Master Regulators TFEB and TFE3. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12083.	1.8	13
5058	Dual Role of SIRT1 in Autophagy and Lipid Metabolism Regulation in Osteoarthritic Chondrocytes. <i>Medicina (Lithuania)</i> , 2021, 57, 1203.	0.8	7
5059	Astrocytes and retrograde degeneration of nigrostriatal dopaminergic neurons in Parkinson's disease: removing axonal debris. <i>Translational Neurodegeneration</i> , 2021, 10, 43.	3.6	6
5061	The molecular mechanism of autophagy. <i>Molecular Medicine</i> , 2003, 9, 65-76.	1.9	197
5062	Effect of rapamycin on the fate of P23H opsin associated with retinitis pigmentosa (an American) Tj ETQq1 1 0.784314 rgBT /Overloc 517-29.	1.4	18
5064	Role of autophagy in the pathogenesis of Pompe disease. <i>Acta Myologica</i> , 2007, 26, 45-8.	1.5	71
5067	Cell death signalling mechanisms in heart failure. <i>Experimental and Clinical Cardiology</i> , 2011, 16, 102-8.	1.3	14

#	ARTICLE	IF	CITATIONS
5068	Spatial expression patterns of autophagy genes in the eye lens and induction of autophagy in lens cells. <i>Molecular Vision</i> , 2012, 18, 1773-86.	1.1	43
5071	Autophagy in breast cancer and its implications for therapy. <i>American Journal of Cancer Research</i> , 2013, 3, 251-65.	1.4	42
5073	Expression of autophagy-related proteins in phyllodes tumor. <i>International Journal of Clinical and Experimental Pathology</i> , 2013, 6, 2145-56.	0.5	7
5074	Autophagy: An Integral Component of the Mammalian Stress Response. <i>Journal of Biochemical and Pharmacological Research</i> , 2013, 1, 176-188.	1.7	19
5076	Autophagy inhibitor 3-methyladenine regulates the expression of LC3, Beclin-1 and ZnT1s in rat cerebral cortex following recurrent neonatal seizures. <i>World Journal of Emergency Medicine</i> , 2010, 1, 216-23.	0.5	9
5077	ART1 promotes starvation-induced autophagy: a possible protective role in the development of colon carcinoma. <i>American Journal of Cancer Research</i> , 2015, 5, 498-513.	1.4	8
5078	Inhibition of autophagy enhances the anticancer activity of bortezomib in B-cell acute lymphoblastic leukemia cells. <i>American Journal of Cancer Research</i> , 2015, 5, 639-50.	1.4	20
5079	Effect of pollen typhae on inhibiting autophagy in spinal cord injury of rats and its mechanisms. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 2375-83.	0.5	6
5080	A 6 hour therapeutic window, optimal for interventions targeting AMPK synergism and apoptosis antagonism, for cardioprotection against myocardial ischemic injury: an experimental study on rats. <i>American Journal of Cardiovascular Disease</i> , 2015, 5, 63-71.	0.5	6
5081	Expression and clinical significances of Beclin1, LC3 and mTOR in colorectal cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 3882-91.	0.5	42
5082	Autophagy knocked down by high-risk HPV infection and uterine cervical carcinogenesis. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 10304-14.	1.3	12
5083	HCV core protein represses the apoptosis and improves the autophagy of human hepatocytes. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 15787-93.	1.3	7
5084	Silencing of SIAH1 in SH-SY5Y affects α -synuclein degradation pathway. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 12885-92.	0.5	5
5085	Lychee flower extract inhibits proliferation and viral replication of HSV-1-infected corneal epithelial cells. <i>Molecular Vision</i> , 2016, 22, 129-37.	1.1	9
5086	BH3 mimetic ABT-737 sensitizes colorectal cancer cells to ixazomib through MCL-1 downregulation and autophagy inhibition. <i>American Journal of Cancer Research</i> , 2016, 6, 1345-57.	1.4	7
5087	Time-dependent changes of autophagy and apoptosis in lipopolysaccharide-induced rat acute lung injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 632-7.	1.0	22
5088	The Novel Small Molecule Inhibitor, OSU-T315, Suppresses Vestibular Schwannoma and Meningioma Growth by Inhibiting PDK2 Function in the AKT Pathway Activation. <i>Austin Journal of Medical Oncology</i> , 2016, 3, .	0.0	3
5089	Prognostic value of autophagy related proteins ULK1, Beclin 1, ATG3, ATG5, ATG7, ATG9, ATG10, ATG12, LC3B and p62/SQSTM1 in gastric cancer. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 3831-3847.	0.0	62

#	ARTICLE	IF	CITATIONS
5090	Variable Effects of Autophagy Induction by Trehalose on Herpesviruses Depending on Conditions of Infection. <i>Yale Journal of Biology and Medicine</i> , 2017, 90, 25-33.	0.2	8
5091	Hypoxia-inducible factor 1 $\hat{\pm}$ protects mesenchymal stem cells against oxygen-glucose deprivation-induced injury via autophagy induction and PI3K/AKT/mTOR signaling pathway. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 2492-2499.	0.0	28
5092	Autophagy in endometriosis. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 4707-4725.	0.0	28
5093	Depletion of gamma-glutamylcyclotransferase in cancer cells induces autophagy followed by cellular senescence. <i>American Journal of Cancer Research</i> , 2018, 8, 650-661.	1.4	4
5094	Differential diagnosis of vacuolar muscle biopsies: use of p62, LC3 and LAMP2 immunohistochemistry. <i>Acta Myologica</i> , 2017, 36, 191-198.	1.5	5
5095	URI knockdown induces autophagic flux in gastric cancer cells. <i>American Journal of Cancer Research</i> , 2018, 8, 2140-2149.	1.4	4
5096	Natural Products in the Promotion of Healthspan and Longevity. <i>Clinical Pharmacology and Translational Medicine</i> , 2019, 3, 149-151.	0.3	1
5097	New insights into autophagy in hepatocellular carcinoma: mechanisms and therapeutic strategies. <i>American Journal of Cancer Research</i> , 2019, 9, 1329-1353.	1.4	25
5099	The correlation between autophagy and tamoxifen resistance in breast cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 2066-2074.	0.5	16
5100	miR-224 suppresses HBV replication posttranscriptionally through inhibiting SIRT1-mediated autophagy. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 189-198.	0.5	6
5101	MiR-100-5p, miR-199a-3p and miR-199b-5p induce autophagic death of endometrial carcinoma cell through targeting mTOR. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 9262-9272.	0.5	8
5102	Role of an autophagy/lysosome pathway in NF- $\hat{\kappa}$ B pathway blocked pancreatic cancer Panc-1 cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2020, 13, 437-446.	0.5	1
5103	Combination effect of curcumin with docetaxel on the PI3K/AKT/mTOR pathway to induce autophagy and apoptosis in esophageal squamous cell carcinoma. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 57-72.	0.0	7
5104	Illustrated etiopathogenesis of Huntington's disease. , 2022, , 175-214.		0
5105	FSH inhibits autophagy and lysosomal biogenesis to regulate protein degradation in cultured goat Sertoli cells. <i>Molecular and Cellular Endocrinology</i> , 2022, 540, 111505.	1.6	12
5106	The autophagy response during adipogenesis of primary cultured rainbow trout (<i>Oncorhynchus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 2022, 258, 110700.	0.7	2
5107	Centrifugally concentric ring-patterned drug-loaded polymeric coating as an intraocular lens surface modification for efficient prevention of posterior capsular opacification. <i>Acta Biomaterialia</i> , 2022, 138, 327-341.	4.1	22
5108	Over Fifty Years of Life, Death, and Cannibalism: A Historical Recollection of Apoptosis and Autophagy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12466.	1.8	17

#	ARTICLE	IF	CITATIONS
5109	Autophagy in α -Synucleinopathies: An Overstrained System. <i>Cells</i> , 2021, 10, 3143.	1.8	12
5110	Autophagy of hepatic stellate cell induced by <i>Clonorchis sinensis</i> . <i>Molecular Biology Reports</i> , 2021, , 1.	1.0	2
5111	Contribution of endoplasmic reticulum stress, MAPK and PI3K/Akt pathways to the apoptotic death induced by a penicillin derivative in melanoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022, 27, 34-48.	2.2	4
5112	Prognostic Value of LC3B and p62 Expression in Small Intestinal Adenocarcinoma. <i>Journal of Clinical Medicine</i> , 2021, 10, 5398.	1.0	5
5113	Mitophagy Disequilibrium, a Prominent Pathological Mechanism in Metabolic Heart Diseases. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 4631-4640.	1.1	9
5114	Circ-SIRT1 inhibits cardiac hypertrophy via activating SIRT1 to promote autophagy. <i>Cell Death and Disease</i> , 2021, 12, 1069.	2.7	28
5115	Traumatic brain injury in the presence of $\text{A}\beta$ pathology affects neuronal survival, glial activation and autophagy. <i>Scientific Reports</i> , 2021, 11, 22982.	1.6	3
5116	NEFA Promotes Autophagosome Formation through Modulating PERK Signaling Pathway in Bovine Hepatocytes. <i>Animals</i> , 2021, 11, 3400.	1.0	2
5117	Increased expression of PSME2 is associated with clear cell renal cell carcinoma invasion by regulating BNIP3-mediated autophagy. <i>International Journal of Oncology</i> , 2021, 59, .	1.4	12
5119	Treadmill Exercise Training Ameliorates Functional and Structural Age-Associated Kidney Changes in Male Albino Rats. <i>Scientific World Journal, The</i> , 2021, 2021, 1-13.	0.8	2
5120	The caspase-6-p62 axis modulates p62 droplets based autophagy in a dominant-negative manner. <i>Cell Death and Differentiation</i> , 2022, 29, 1211-1227.	5.0	9
5121	A high-throughput protocol for monitoring starvation-induced autophagy in real time in mouse embryonic fibroblasts. <i>STAR Protocols</i> , 2021, 2, 100966.	0.5	0
5122	Autophagy and antiviral defense. <i>IUBMB Life</i> , 2022, 74, 317-338.	1.5	9
5123	Baicalin suppresses glaucoma pathogenesis by regulating the PI3K/AKT signaling in vitro and in vivo. <i>Bioengineered</i> , 2021, 12, 10187-10198.	1.4	12
5124	Predictive Value of p62 Protein in the Recurrence of Oral Squamous Cell Carcinoma. <i>Oncologie</i> , 2021, 23, 533-546.	0.2	0
5125	Increased adipose tissue lipolysis in dairy cows with fatty liver is associated with enhanced autophagy activity. <i>Journal of Dairy Science</i> , 2022, 105, 1731-1742.	1.4	5
5126	A Quantitative Flow Cytometry-Based Method for Autophagy Detection Across the Cell Cycle. <i>Methods in Molecular Biology</i> , 2022, 2445, 65-74.	0.4	2
5127	Modified LC3 Dot Quantification Method. <i>Methods in Molecular Biology</i> , 2022, 2445, 53-64.	0.4	1

#	ARTICLE	IF	CITATIONS
5128	EZH2 targeting to improve the sensitivity of acquired radio-resistance bladder cancer cells. <i>Translational Oncology</i> , 2022, 16, 101316.	1.7	9
5129	Tributyltin inhibits autophagy by decreasing lysosomal acidity in SH-SY5Y cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 592, 31-37.	1.0	3
5130	Effect of RFRP-3, the mammalian ortholog of GnIH, on apoptosis and autophagy in porcine ovarian granulosa cells via the p38MAPK pathway. <i>Theriogenology</i> , 2022, 180, 137-145.	0.9	5
5131	Effects of a prolonged diet regimen on autophagic function in rat islets with aging. <i>Experimental Gerontology</i> , 2022, 159, 111659.	1.2	1
5132	Targeted regulation of autophagy using nanoparticles: New insight into cancer therapy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166326.	1.8	35
5133	Cytoskeleton alterations in non-alcoholic fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2022, 128, 155115.	1.5	7
5134	Autophagy Dysfunction as a Phenotypic Readout in hiPSC-Derived Neuronal Cell Models of Neurodegenerative Diseases. <i>Methods in Molecular Biology</i> , 2021, , 103-136.	0.4	4
5135	Human Telomerase RNA Protein Encoded by Telomerase RNA is Involved in Metabolic Responses. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 754611.	1.8	5
5136	Brain-derived autophagosome profiling reveals the engulfment of nucleoid-enriched mitochondrial fragments by basal autophagy in neurons. <i>Neuron</i> , 2022, 110, 967-976.e8.	3.8	43
5137	Apoptosis triggered by cytolethal distending toxin B subunit of <i>Helicobacter hepaticus</i> is aggravated by autophagy inhibition in mouse hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2022, 598, 40-46.	1.0	0
5138	p53-mediated neurodegeneration in the absence of the nuclear protein Akirin2. <i>IScience</i> , 2022, 25, 103814.	1.9	3
5139	Axonal Protection by Netarsudil, a ROCK Inhibitor, Is Linked to an AMPK-Autophagy Pathway in TNF-Induced Optic Nerve Degeneration. , 2022, 63, 4.		7
5140	Ornithine decarboxylase functions in both autophagy and apoptosis in response to ultraviolet B radiation injury. <i>Journal of Cellular Physiology</i> , 2022, , .	2.0	3
5141	Downregulation of beclin 1 restores arsenite-induced impaired autophagic flux by improving the lysosomal function in the brain. <i>Ecotoxicology and Environmental Safety</i> , 2022, 229, 113066.	2.9	8
5142	Autophagy Induced by Micheliolide Alleviates Acute Irradiation-Induced Intestinal Injury via Inhibition of the NLRP3 Inflammasome. <i>Frontiers in Pharmacology</i> , 2021, 12, 773150.	1.6	4
5143	Off-target inhibition of NGLY1 by the polycaspase inhibitor Zâ€VADâ€fmk induces cellular autophagy. <i>FEBS Journal</i> , 2022, 289, 3115-3131.	2.2	12
5144	Secreted Neutrophil Gelatinase-Associated Lipocalin Shows Stronger Ability to Inhibit Cyst Enlargement of ADPKD Cells Compared with Nonsecreted Form. <i>Cells</i> , 2022, 11, 483.	1.8	2
5145	FKBP8 is a novel molecule that participates in the regulation of the autophagic pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119212.	1.9	7

#	ARTICLE	IF	CITATIONS
5146	Membrane protective role of autophagic machinery during infection of epithelial cells by <i>Candida albicans</i> . <i>Gut Microbes</i> , 2022, 14, 2004798.	4.3	6
5147	Kinase Inhibitors Involved in the Regulation of Autophagy: Molecular Concepts and Clinical Implications. <i>Current Medicinal Chemistry</i> , 2023, 30, 1502-1528.	1.2	3
5148	Atg8 ^{PE} protein-based <i>in vitro</i> biochemical approaches to autophagy studies. <i>Autophagy</i> , 2022, 18, 2020-2035.	4.3	10
5149	Fisetin Attenuates Diabetic Nephropathy-Induced Podocyte Injury by Inhibiting NLRP3 Inflammasome. <i>Frontiers in Pharmacology</i> , 2022, 13, 783706.	1.6	16
5150	Puerarin alleviates cadmium-induced mitochondrial mass decrease by inhibiting PINK1 ^{Parkin} and Nix-mediated mitophagy in rat cortical neurons. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113127.	2.9	6
5151	LncRNA-GAS5/miR-382-3p axis inhibits pulmonary artery remodeling and promotes autophagy in chronic thromboembolic pulmonary hypertension. <i>Genes and Genomics</i> , 2022, 44, 395-404.	0.5	8
5153	Effects of Low- and High-Dose Valproic Acid and Lamotrigine on the Heart in Female Rats. <i>Cardiovascular Toxicology</i> , 2022, 22, 326-340.	1.1	1
5154	Fluorescence Imaging of Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor Resistance in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2022, 14, 686.	1.7	2
5155	Coenzyme Q0 Inhibits NLRP3 Inflammasome Activation through Mitophagy Induction in LPS/ATP-Stimulated Macrophages. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	17
5156	<i>Tenebrio molitor</i> larvae meal inclusion affects hepatic proteome and apoptosis and/or autophagy of three farmed fish species. <i>Scientific Reports</i> , 2022, 12, 121.	1.6	13
5158	Mig-6 Inhibits Autophagy in HCC Cell Lines by Modulating miR-193a-3p. <i>International Journal of Medical Sciences</i> , 2022, 19, 338-351.	1.1	4
5159	Tri-2-Hydroxyarachidonein Induces Cytocidal Autophagy in Pancreatic Ductal Adenocarcinoma Cancer Cell Models. <i>Frontiers in Physiology</i> , 2021, 12, 782525.	1.3	1
5160	Alginate induces oxidative stress-mediated hormone secretion disorder, apoptosis and autophagy in mouse granulosa cells and ovaries. <i>Toxicology</i> , 2022, 467, 153099.	2.0	9
5161	Xenophagy of invasive bacteria is differentially activated and modulated via a TLR-TRAF6-Beclin1 axis in echinoderms. <i>Journal of Biological Chemistry</i> , 2022, 298, 101667.	1.6	10
5162	BDK knockout skeletal muscle satellite cells exhibit enhanced protein translation initiation signal in response to BCAA <i>in vitro</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2022, 86, 610-617.	0.6	1
5163	Acetylshikonin induces autophagy-dependent apoptosis through the key LKB1 ^{AMPK} and PI3K/Akt ^{regulated} mTOR signalling pathways in HL60 cells. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1606-1620.	1.6	11
5164	The Role of Macroautophagy and Chaperone-Mediated Autophagy in the Pathogenesis and Management of Hepatocellular Carcinoma. <i>Cancers</i> , 2022, 14, 760.	1.7	11
5165	Inhibiting Autophagy Pathway of PI3K/AKT/mTOR Promotes Apoptosis in SK-N-SH Cell Model of Alzheimer's Disease. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-10.	1.1	14

#	ARTICLE	IF	CITATIONS
5166	Effects of quercetin on tenderness, apoptotic and autophagy signalling in chickens during post-mortem ageing. <i>Food Chemistry</i> , 2022, 383, 132409.	4.2	11
5167	Involvement of TOB1 on autophagy in gastric cancer AGS cells <i>via</i> decreasing the activation of AKT/mTOR signaling pathway. <i>PeerJ</i> , 2022, 10, e12904.	0.9	4
5168	The alleviative effect of flavonol-type Nrf2 activator rhamnazin from <i>Physalis alkekengi</i> L. var. <i>franchetii</i> (Mast.) Makino on pulmonary disorders. <i>Phytotherapy Research</i> , 2022, 36, 1692-1707.	2.8	1
5169	High content screening and proteomic analysis identify a kinase inhibitor that rescues pathological phenotypes in a patient-derived model of Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2022, 8, 15.	2.5	8
5170	A genome-wide CRISPR screen identifies interactors of the autophagy pathway as conserved coronavirus targets. <i>PLoS Biology</i> , 2021, 19, e3001490.	2.6	33
5171	Ubiquitin Ligase Redundancy and Nuclear-Cytoplasmic Localization in Yeast Protein Quality Control. <i>Biomolecules</i> , 2021, 11, 1821.	1.8	22
5172	Autophagy-Lysosomal Pathway as Potential Therapeutic Target in Parkinson's Disease. <i>Cells</i> , 2021, 10, 3547.	1.8	28
5173	Therapeutic effects of apocynin on ovarian ischemia-reperfusion induced lung injury. <i>Biotechnic and Histochemistry</i> , 2022, 97, 536-545.	0.7	2
5174	Controlled Intracellular Polymerization for Cancer Treatment. <i>Jacs Au</i> , 2022, 2, 579-589.	3.6	24
5176	Mitochondrial Determinants of Anti-Cancer Drug-Induced Cardiotoxicity. <i>Biomedicines</i> , 2022, 10, 520.	1.4	14
5177	Docosahexaenoic Acid-Enhanced Autophagic Flux Improves Cardiac Dysfunction after Myocardial Infarction by Targeting the AMPK/mTOR Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-18.	1.9	5
5178	Non-canonical roles of ATG8 for TFEB activation. <i>Biochemical Society Transactions</i> , 2022, 50, 47-54.	1.6	3
5179	Failure Of Hearing Acquisition in Mice With Reduced Expression of Connexin 26 Correlates With the Abnormal Phasing of Apoptosis Relative to Autophagy and Defective ATP-Dependent Ca ²⁺ Signaling in K α lliker's Organ. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 816079.	1.8	8
5180	A homozygous hypomorphic <i>BNIP1</i> variant causes an increase in autophagosomes and reduced autophagic flux and results in a spondyloepiphyseal dysplasia. <i>Human Mutation</i> , 2022, 43, 625-642.	1.1	3
5181	A <i>Drosophila</i> toolkit for HA-tagged proteins unveils a block in autophagy flux in the last instar larval fat body. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	2
5182	When the Phagosome Gets Leaky: Pore-Forming Toxin-Induced Non-Canonical Autophagy (PINCA). <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 834321.	1.8	4
5183	Autophagy Alteration in ApoA-I Related Systemic Amyloidosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3498.	1.8	3
5184	ATG7-mediated autophagy facilitates embryonic stem cell exit from naive pluripotency and marks commitment to differentiation. <i>Autophagy</i> , 2022, 18, 2946-2968.	4.3	6

#	ARTICLE	IF	CITATIONS
5185	Troglitazone-Induced Autophagic Cytotoxicity in Lung Adenocarcinoma Cell Lines. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 276-283.	0.6	1
5186	The Enantiomer of Allopregnanolone Prevents Pressure-Mediated Retinal Degeneration Via Autophagy. <i>Frontiers in Pharmacology</i> , 2022, 13, 855779.	1.6	8
5187	Thioredoxin interacting protein protects mice from fasting induced liver steatosis by activating ER stress and its downstream signaling pathways. <i>Scientific Reports</i> , 2022, 12, 4819.	1.6	4
5188	Crosstalk Between ROS and Autophagy in Tumorigenesis: Understanding the Multifaceted Paradox. <i>Frontiers in Oncology</i> , 2022, 12, 852424.	1.3	18
5189	Peptidylarginine deiminase 2 promotes T helper 17-like T cell activation and activated T cell-autonomous death (ACAD) through an endoplasmic reticulum stress and autophagy coupling mechanism. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 19.	2.7	4
5190	Involvement of autophagy in the maintenance of rat intervertebral disc homeostasis: an in-vitro and in-vivo RNA interference study of Atg5. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 481-493.	0.6	11
5191	Revisiting Minocycline in Intracerebral Hemorrhage: Mechanisms and Clinical Translation. <i>Frontiers in Immunology</i> , 2022, 13, 844163.	2.2	10
5192	Transition of autophagy and apoptosis in fibroblasts depends on dominant expression of HIF-1 α or p53. <i>Journal of Zhejiang University: Science B</i> , 2022, 23, 204-217.	1.3	7
5193	Autophagy flux inhibition mediated by lysosomal dysfunction participates in the cadmium exposure-induced cardiotoxicity in swine. <i>BioFactors</i> , 2022, 48, 946-958.	2.6	3
5194	Mechanistic Insights into Selective Autophagy Subtypes in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3609.	1.8	14
5196	Follicular lymphoma-associated mutations in the V-ATPase chaperone VMA21 activate autophagy creating a targetable dependency. <i>Autophagy</i> , 2022, 18, 1982-2000.	4.3	9
5197	Chemotherapy Resistance: Role of Mitochondrial and Autophagic Components. <i>Cancers</i> , 2022, 14, 1462.	1.7	29
5198	Deaccelerated Myogenesis and Autophagy in Genetically Induced Pulmonary Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 623-637.	1.4	12
5199	Dietary Phosphorus Reduced Hepatic Lipid Deposition by Activating Ampk Pathway and Beclin1 Phosphorylation Levels to Activate Lipophagy in <i>Tilapia Oreochromis niloticus</i> . <i>Frontiers in Nutrition</i> , 2022, 9, 841187.	1.6	5
5200	Using Intermittent Fasting as a Non-pharmacological Strategy to Alleviate Obesity-Induced Hypothalamic Molecular Pathway Disruption. <i>Frontiers in Nutrition</i> , 2022, 9, 858320.	1.6	3
5201	Baicalein Activates Parkin-Dependent Mitophagy through NDP52 and OPTN. <i>Cells</i> , 2022, 11, 1132.	1.8	7
5203	Induction of Mitochondrial Fragmentation and Mitophagy after Neonatal Hypoxia-Ischemia. <i>Cells</i> , 2022, 11, 1193.	1.8	5
5204	Involvement of Parkin-mediated mitophagy in the pathogenesis of chronic obstructive pulmonary disease-related sarcopenia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1864-1882.	2.9	13

#	ARTICLE	IF	CITATIONS
5205	Targeted protein degradation: mechanisms, strategies and application. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 113.	7.1	162
5206	Unbiased proteomic profiling reveals the IP3R modulator AHCYL1/IRBIT as a novel interactor of microtubule-associated protein tau. <i>Journal of Biological Chemistry</i> , 2022, 298, 101774.	1.6	3
5207	An optimized protocol for immuno-electron microscopy of endogenous LC3. <i>Autophagy</i> , 2022, 18, 3004-3022.	4.3	6
5208	<i>Neospora caninum</i> infection activated autophagy of caprine endometrial epithelial cells via mTOR signaling. <i>Veterinary Parasitology</i> , 2022, 304, 109685.	0.7	5
5209	The physiological and pathophysiological roles of the autophagy lysosomal system in the conventional aqueous humor outflow pathway: More than cellular clean up. <i>Progress in Retinal and Eye Research</i> , 2022, 90, 101064.	7.3	12
5210	GCN2 upregulates autophagy in response to short-term deprivation of a single essential amino acid. , 2022, 1, 119-142.		5
5211	Autophagy Reprogramming Stem Cell Pluripotency and Multiple-lineage Differentiation. <i>Journal of the Chinese Medical Association</i> , 2022, Publish Ahead of Print, .	0.6	1
5212	Rebamipide attenuates alcohol-induced gastric epithelial cell injury by inhibiting endoplasmic reticulum stress and activating autophagy-related proteins. <i>European Journal of Pharmacology</i> , 2022, 922, 174891.	1.7	12
5213	Autophagy system as a potential therapeutic target for neurodegenerative diseases. <i>Neurochemistry International</i> , 2022, 155, 105308.	1.9	11
5214	Role and regulation of autophagy in cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166400.	1.8	52
5215	Induction of Apoptosis in Human Pancreatic Cancer Stem Cells by the Endoplasmic Reticulum-Targeted Alkylphospholipid Analog Edelfosine and Potentiation by Autophagy Inhibition. <i>Cancers</i> , 2021, 13, 6124.	1.7	7
5217	The pannexin-1 channel regulates pyroptosis through autophagy in a mouse model of sepsis-associated encephalopathy. <i>Annals of Translational Medicine</i> , 2021, 9, 1802-1802.	0.7	10
5218	Beclin 1, LC3 and P62 Expression in Equine Sarcoids. <i>Animals</i> , 2022, 12, 20.	1.0	4
5219	The Autophagy Inhibitor Chloroquine, Alone or in Combination with mTOR Inhibitors, Displays Anti-Tumor Effects in In Vitro and In Vivo Lung Carcinoid Models. <i>Cancers</i> , 2021, 13, 6327.	1.7	5
5220	Biological Functions and Therapeutic Potential of Autophagy in Spinal Cord Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 761273.	1.8	26
5221	HDAC6 Inhibition Extinguishes Autophagy in Cancer: Recent Insights. <i>Cancers</i> , 2021, 13, 6280.	1.7	10
5222	Pharmacological modulation of autophagy for Alzheimer's disease therapy: Opportunities and obstacles. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1688-1706.	5.7	13
5223	Autophagy and Endoplasmic Reticulum Stress during Onset and Progression of Arrhythmogenic Cardiomyopathy. <i>Cells</i> , 2022, 11, 96.	1.8	6

#	ARTICLE	IF	CITATIONS
5224	Dendropanoxide, a Triterpenoid from <i>Dendropanax morbifera</i> , Ameliorates Hepatic Fibrosis by Inhibiting Activation of Hepatic Stellate Cells through Autophagy Inhibition. <i>Nutrients</i> , 2022, 14, 98.	1.7	4
5226	WAY-100635 Alleviates Corneal Lesions Through 5-HT1A Receptor-ROS-Autophagy Axis in Dry Eye. <i>Frontiers in Medicine</i> , 2021, 8, 799949.	1.2	3
5227	CNâ€³ increases TMZ sensitivity and induces ROSâ€³dependent apoptosis and autophagy in TMZâ€³resistance glioblastoma. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e22973.	1.4	3
5228	KRAS Affects Adipogenic Differentiation by Regulating Autophagy and MAPK Activation in 3T3-L1 and C2C12 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13630.	1.8	8
5229	Effects of antioxidant on oxidative stress and autophagy in bronchial epithelial cells exposed to particulate matter and cigarette smoke extract. <i>Tuberculosis and Respiratory Diseases</i> , 2022, , .	0.7	1
5231	Tangshen Decoction Enhances Podocytes Autophagy to Relieve Diabetic Nephropathy through Modulation of p-AMPK/p-ULK1 Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-11.	0.5	5
5232	Dual-Functional Antioxidant and Antiamyloid Cerium Oxide Nanoparticles Fabricated by Controlled Synthesis in Water-Alcohol Solutions. <i>Biomedicines</i> , 2022, 10, 942.	1.4	6
5233	Electroacupuncture Attenuates Learning and Memory Impairment via PI3K/Akt Pathway in an Amyloid Î²25-35-Induced Alzheimerâ€™s Disease Mouse Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	0.5	1
5234	Autophagy Underlies the Proteostasis Mechanisms of Artemisinin Resistance in <i>P. falciparum</i> Malaria. <i>MBio</i> , 2022, 13, e0063022.	1.8	9
5235	Multifaceted targeted protein degradation systems for different cellular compartments. <i>BioEssays</i> , 2022, 44, e2200008.	1.2	2
5236	EGCG Restricts PRRSV Proliferation by Disturbing Lipid Metabolism. <i>Microbiology Spectrum</i> , 2022, 10, e0227621.	1.2	10
5237	SGPL1 stimulates VPS39 recruitment to the mitochondria in MICU1 deficient cells. <i>Molecular Metabolism</i> , 2022, , 101503.	3.0	5
5238	Post-Translational Modifications of ATG4B in the Regulation of Autophagy. <i>Cells</i> , 2022, 11, 1330.	1.8	12
5239	Autophagy profiling in single cells with open source CellProfiler-based image analysis. <i>Autophagy</i> , 2023, 19, 338-351.	4.3	8
5240	Impaired V-ATPase leads to increased lysosomal pH, results in disrupted lysosomal degradation and autophagic flux blockage, contributes to fluoride-induced developmental neurotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113500.	2.9	14
5241	CHAPTER 11. At the Intersection Between Mitochondrial Dysfunction and Lysosomal Autophagy: Role of PD-Related Neurotoxins and Gene Products. <i>Issues in Toxicology</i> , 0, , 325-388.	0.2	0
5353	Cell death in HeLa cells upon imperatorin and cisplatin treatment. <i>Folia Histochemica Et Cytobiologica</i> , 2012, 50, 381-391.	0.6	7
5354	Bag it, tag it: ubiquitin ligases and host resistance to <i>Mycobacterium tuberculosis</i> . <i>Trends in Microbiology</i> , 2022, 30, 973-985.	3.5	6

#	ARTICLE	IF	CITATIONS
5355	The ER-Mitochondria Interface as a Dynamic Hub for T Cell Efficacy in Solid Tumors. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 867341.	1.8	4
5356	The Interaction Between Autophagy and JAK/STAT3 Signaling Pathway in Tumors. <i>Frontiers in Genetics</i> , 2022, 13, 880359.	1.1	17
5357	Atractylodin induces oxidative stress-mediated apoptosis and autophagy in human breast cancer MCF7 cells through inhibition of the P13K/Akt/mTOR pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23081.	1.4	7
5358	Mcl-1 Differentially Regulates Autophagy in Response to Changes in Energy Status and Mitochondrial Damage. <i>Cells</i> , 2022, 11, 1469.	1.8	6
5359	Mechanisms of autophagy and mitophagy in skeletal development, diseases and therapeutics. <i>Life Sciences</i> , 2022, 301, 120595.	2.0	16
5360	The multifaceted role of autophagy in cancer. <i>EMBO Journal</i> , 2022, 41, e110031.	3.5	63
5361	Plasmodium's fight for survival: escaping elimination while acquiring nutrients. <i>Trends in Parasitology</i> , 2022, 38, 544-557.	1.5	5
5362	Macroautophagy in CNS health and disease. <i>Nature Reviews Neuroscience</i> , 2022, 23, 411-427.	4.9	44
5363	Close association of polarization and LC3, a marker of autophagy, in axon determination in mouse hippocampal neurons. <i>Experimental Neurology</i> , 2022, 354, 114112.	2.0	2
5366	Poor hygiene of housing conditions influences energy metabolism in a muscle type-dependent manner in growing pigs differing in feed efficiency. <i>Scientific Reports</i> , 2022, 12, 7991.	1.6	1
5367	Investigating the Role of Spermidine in a Model System of Alzheimer's Disease Using Correlative Microscopy and Super-resolution Techniques. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	8
5368	Altered splicing of <i>ATG16L1</i> mediates acquired resistance to tyrosine kinase inhibitors of <i>EGFR</i> by blocking autophagy in non-small cell lung cancer. <i>Molecular Oncology</i> , 2022, 16, 3490-3508.	2.1	2
5369	Dual Blockade of Misfolded Alpha-Sarcoglycan Degradation by Bortezomib and Givinostat Combination. <i>Frontiers in Pharmacology</i> , 2022, 13, 856804.	1.6	3
5370	The articular cartilage: biomechanics and damage in diabetes-induced Charcot neuroarthropathy. , 2022, , 261-285.		0
5371	Role of Autophagy in Plant Resistance to Virus Infection. <i>Botanical Research</i> , 2022, 11, 329-339.	0.0	0
5372	Pentagalloylglucose suppresses the growth and migration of human nasopharyngeal cancer cells via the <i>GSK3β/Iχ2</i> -catenin pathway in vitro and in vivo. <i>Phytomedicine</i> , 2022, 102, 154192.	2.3	2
5373	Autophagy regulation in teleost fish: A double-edged sword. <i>Aquaculture</i> , 2022, 558, 738369.	1.7	9
5374	Isoprenylated Coumarin Exhibits Anti-proliferative Effects in Pancreatic Cancer Cells Under Nutrient Starvation by Inhibiting Autophagy. <i>Anticancer Research</i> , 2022, 42, 2835-2845.	0.5	2

#	ARTICLE	IF	CITATIONS
5375	Transgenic mice encoding modern imaging probes: Properties and applications. <i>Cell Reports</i> , 2022, 39, 110845.	2.9	3
5376	Autophagy Impairment in App Knock-in Alzheimer's Model Mice. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	7
5377	Impaired autophagy aggravates oxidative stress in mammary gland of dairy cows with clinical ketosis. <i>Journal of Dairy Science</i> , 2022, , .	1.4	6
5378	The Amyotrophic Lateral Sclerosis M114T PFN1 Mutation Deregulates Alternative Autophagy Pathways and Mitochondrial Homeostasis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5694.	1.8	10
5379	Mitochondrial Dysfunction in Spinocerebellar Ataxia Type 3 Is Linked to VDAC1 Deubiquitination. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5933.	1.8	9
5380	Macrophages disseminate pathogen associated molecular patterns through the direct extracellular release of the soluble content of their phagolysosomes. <i>Nature Communications</i> , 2022, 13, .	5.8	13
5381	Impaired autophagy promotes hair loss in the C3H/HeJ mouse model of alopecia areata. <i>Autophagy</i> , 2023, 19, 296-305.	4.3	8
5382	Anti-tumor effects of a macrolide analog F806 in esophageal squamous cell carcinoma cells by targeting and promoting GLUT1 autolysosomal degradation. <i>FEBS Journal</i> , 0, , .	2.2	1
5383	Defective mitophagy and the etiopathogenesis of Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2022, 11, .	3.6	11
5384	Organization of the autophagy pathway in neurons. <i>Current Opinion in Neurobiology</i> , 2022, 75, 102554.	2.0	12
5385	Analysis of the relationship between replication of the Hokkaido genotype of Puumala orthohantavirus and autophagy. <i>Virus Research</i> , 2022, 318, 198830.	1.1	0
5386	Interferon-Gamma in Natural Defence and Prevention of Leprosy. , 0, , .		0
5387	Novel Therapeutic Strategies for Ischemic Stroke: Recent Insights into Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	16
5388	Proteasomal inhibition preferentially stimulates lysosome activity relative to autophagic flux in primary astrocytes. <i>Autophagy</i> , 2023, 19, 570-596.	4.3	6
5389	Itch and autophagy-mediated NF- κ B activation contributes to inhibition of cathepsin D-induced sensitizing effect on anticancer drugs. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	2
5390	A guide to membrane atg8ylation and autophagy with reflections on immunity. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	28
5391	Clustering analysis revealed the autophagy classification and potential autophagy regulators' sensitivity of pancreatic cancer based on multi-omics data. <i>Cancer Medicine</i> , 2023, 12, 733-746.	1.3	5
5392	IFI35 Promotes Renal Cancer Progression by Inhibiting pSTAT1/pSTAT6-Dependent Autophagy. <i>Cancers</i> , 2022, 14, 2861.	1.7	4

#	ARTICLE	IF	CITATIONS
5393	Severe Hyperosmotic Stress Issues an ER Stress-Mediated “Death Sentence” in H9c2 Cells, with p38-MAPK and Autophagy “Coming to the Rescue”. <i>Biomedicines</i> , 2022, 10, 1421.	1.4	0
5394	Chrysin Induces Apoptosis and Autophagy in Human Melanoma Cells via the mTOR/S6K Pathway. <i>Biomedicines</i> , 2022, 10, 1467.	1.4	2
5395	Identification of Key Pathways Involved in White Strain of <i>Hypsizygus marmoreus</i> Extracts-Induced Cell Death of Human Hepatoma Hep3B Cells by Next Generation Sequencing. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
5396	Yeast phospholipase D, Spo14, is not required for macroautophagy. <i>Yeast</i> , 2022, 39, 401-411.	0.8	2
5397	Zinc-Deficient Diet Causes Imbalance in Zinc Homeostasis and Impaired Autophagy and Impairs Semen Quality in Mice. <i>Biological Trace Element Research</i> , 2023, 201, 2396-2406.	1.9	8
5398	Coat protein of Chinese wheat mosaic virus upregulates and interacts with cytosolic glyceraldehyde 3-phosphate dehydrogenase, a negative regulator of plant autophagy, to promote virus infection. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1631-1645.	4.1	9
5399	Krüppel-like factor 15 integrated autophagy and gluconeogenesis to maintain glucose homeostasis under 20-hydroxyecdysone regulation. <i>PLoS Genetics</i> , 2022, 18, e1010229.	1.5	14
5400	Resveratrol induces autophagy impeding BAFF-stimulated B-cell proliferation and survival by inhibiting the Akt/mTOR pathway. <i>Biochemical Pharmacology</i> , 2022, 202, 115139.	2.0	8
5401	At the Center of Macroautophagy: Autophagosomes. , 2022, , .		0
5402	Monitoring Autophagy in Neural Stem and Progenitor Cells. <i>Methods in Molecular Biology</i> , 2022, , 99-116.	0.4	2
5403	LC3è,,è~âĒ-äĳ®éŸ°çš,,æœœâ~ĳâ’ĒăŠÿèf1/2ç”ç©ĳè;â±•. <i>Scientia Sinica Vitae</i> , 2022, , .	0.1	0
5404	Molecular Mechanisms of Epigenetic Regulation, Inflammation, and Cell Death in ADPKD. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	8
5405	A patatin-like phospholipase mediates <i>Rickettsia parkeri</i> escape from host membranes. <i>Nature Communications</i> , 2022, 13, .	5.8	17
5406	Age-dependent impact of two exercise training regimens on genomic and metabolic remodeling in skeletal muscle and liver of male mice. , 2022, 8, .		6
5407	Domain fusion TLR2-4 enhances the autophagy-dependent clearance of <i>Staphylococcus aureus</i> in the genetic engineering goat. <i>ELife</i> , 0, 11, .	2.8	4
5408	The Combination of Î”9-Tetrahydrocannabinol and Cannabidiol Suppresses Mitochondrial Respiration of Human Glioblastoma Cells via Downregulation of Specific Respiratory Chain Proteins. <i>Cancers</i> , 2022, 14, 3129.	1.7	13
5409	Inhibition of Heat Shock Protein B8 Alleviates Retinal Dysfunction and Ganglion Cells Loss Via Autophagy Suppression in Mouse Axonal Damage. , 2022, 63, 28.		2
5410	<i>Astragalus</i> “Scorpion Drug Pair Inhibits the Development of Prostate Cancer by Regulating GTPD4-2/PI3K/AKT/mTOR Pathway and Autophagy. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5

#	ARTICLE	IF	CITATIONS
5411	Co-Treatment of Chloroquine and Trametinib Inhibits Melanoma Cell Proliferation and Decreases Immune Cell Infiltration. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
5412	Expanding the view of the molecular mechanisms of autophagy pathway. <i>Journal of Cellular Physiology</i> , 2022, 237, 3257-3277.	2.0	15
5413	The Cytoprotective, Cytotoxic and Nonprotective Functional Forms of Autophagy Induced by Microtubule Poisons in Tumor Cells—Implications for Autophagy Modulation as a Therapeutic Strategy. <i>Biomedicines</i> , 2022, 10, 1632.	1.4	11
5414	Interleukin 7 inhibit autophagy via P53 regulated AMPK/mTOR signaling pathway in non-small cell lung cancer. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
5416	sGRP78 enhances selective autophagy of monomeric TLR4 to regulate myeloid cell death. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	3
5418	Ceramide enhances binding of LC3/GABARAP autophagy proteins to cardiolipin-containing membranes. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 748-760.	3.6	6
5419	A nanoparticle probe for the imaging of autophagic flux in live mice via magnetic resonance and near-infrared fluorescence. <i>Nature Biomedical Engineering</i> , 2022, 6, 1045-1056.	11.6	10
5420	Compounds activating VCP D1 ATPase enhance both autophagic and proteasomal neurotoxic protein clearance. <i>Nature Communications</i> , 2022, 13, .	5.8	11
5421	Lack of Cathepsin D in the central nervous system results in microglia and astrocyte activation and the accumulation of proteinopathy-related proteins. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
5422	The impact of monosomies, trisomies and segmental aneuploidies on chromosomal stability. <i>PLoS ONE</i> , 2022, 17, e0268579.	1.1	11
5423	VEGF-Mediated Augmentation of Autophagic and Lysosomal Activity in Endothelial Cells Defends against Intracellular <i>Streptococcus pyogenes</i> . <i>MBio</i> , 2022, 13, .	1.8	5
5424	<sc>AP</sc> complex subunit delta gene, <i>ap3d1</i>, regulates melanogenesis and melanophore survival via autophagy in zebrafish (<i>Danio rerio</i>). <i>Pigment Cell and Melanoma Research</i> , 2022, 35, 495-505.	1.5	2
5425	The effects of glutamine supplementation on markers of apoptosis and autophagy in sickle cell disease peripheral blood mononuclear cells. <i>Complementary Therapies in Medicine</i> , 2022, 70, 102856.	1.3	3
5426	Tetrandrine Inhibits Skeletal Muscle Differentiation by Blocking Autophagic Flux. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8148.	1.8	5
5427	Evaluating Autophagy in Preimplantation Embryos. , 2022, 1, 309-337.		1
5428	Comparative analysis of the follicular transcriptome of Zhedong white geese (<i>Anser Cygnoides</i>) with different photoperiods. <i>Poultry Science</i> , 2022, 101, 102060.	1.5	2
5429	Dapagliflozin Improves Diabetic Cardiomyopathy by Modulating the Akt/mTOR Signaling Pathway. <i>BioMed Research International</i> , 2022, 2022, 1-10.	0.9	2
5430	Sea perch (<i>Lateolabrax japonicus</i>) autophagy related gene 5 promotes RCNNV infection via inhibiting RLRs-interferon signaling pathway. <i>Fish and Shellfish Immunology</i> , 2022, 127, 910-917.	1.6	3

#	ARTICLE	IF	CITATIONS
5431	Loss of mitochondrial enzyme GPT2 causes early neurodegeneration in locus coeruleus. <i>Neurobiology of Disease</i> , 2022, 173, 105831.	2.1	2
5432	IDO1, FAT10, IFI6, and GILT Are Involved in the Antiretroviral Activity of \hat{I}^3 -Interferon and IDO1 Restricts Retrovirus Infection by Autophagy Enhancement. <i>Cells</i> , 2022, 11, 2240.	1.8	5
5433	Quantitative and temporal measurement of dynamic autophagy rates. <i>Autophagy</i> , 2023, 19, 1164-1183.	4.3	6
5434	Oncolytic Avian Reovirus p17-Modulated Inhibition of mTORC1 by Enhancement of Endogenous mTORC1 Inhibitors Binding to mTORC1 To Disrupt Its Assembly and Accumulation on Lysosomes. <i>Journal of Virology</i> , 2022, 96, .	1.5	4
5435	Metabolic adaption of cancer cells toward autophagy: Is there a role for ER-phagy?. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	3
5436	Subversion of autophagy machinery and organelle-specific autophagy by SARS-CoV-2 and coronaviruses. <i>Autophagy</i> , 2023, 19, 1055-1069.	4.3	5
5437	Proteasome granule formation is regulated through mitochondrial respiration and kinase signaling. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	5
5438	A pulse-chasable reporter processing assay for mammalian autophagic flux with HaloTag. <i>ELife</i> , 0, 11, .	2.8	33
5439	Growth-promoting function of the cGAS-STING pathway in triple-negative breast cancer cells. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
5440	Ciliary Neurotrophic Factor (CNTF) Inhibits In Vitro Cementoblast Mineralization and Induces Autophagy, in Part by STAT3/ERK Commitment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9311.	1.8	2
5441	The crosstalk between sonodynamic therapy and autophagy in cancer. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
5442	FGL2â€œMCOLN3-Autophagy Axisâ€œTriggered Neutrophil Extracellular Traps Exacerbate Liver Injury in Fulminant Viral Hepatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 14, 1077-1101.	2.3	12
5444	mTORC1 Mediates the Processes of Lysine Regulating Satellite Cells Proliferation, Apoptosis, and Autophagy. <i>Metabolites</i> , 2022, 12, 788.	1.3	5
5445	Progress and Challenges in Targeted Protein Degradation for Neurodegenerative Disease Therapy. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 11454-11477.	2.9	31
5446	Is LysM-Cre a good candidate Cre for knocking out Atg5 gene in mice?. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	0
5448	Molecular Mechanism and Regulation of Autophagy and Its Potential Role in Epilepsy. <i>Cells</i> , 2022, 11, 2621.	1.8	13
5449	Gold nanoparticles targeting the autophagyâ€œlysosome system to combat the inflammation-compromised osteogenic potential of periodontal ligament stem cells: From mechanism to therapy. <i>Biomaterials</i> , 2022, 288, 121743.	5.7	19
5450	Salvia chinensia Benth induces autophagy in esophageal cancer cells via AMPK/ULK1 signaling pathway. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2

#	ARTICLE	IF	CITATIONS
5451	Cinobufagin induces acute promyelocytic leukaemia cell apoptosis and PML-RARA degradation in a caspase-dependent manner by inhibiting the β^2 -catenin signalling pathway. <i>Pharmaceutical Biology</i> , 2022, 60, 1801-1811.	1.3	1
5452	Indoor VOCs exposure induced Parkinson-like behaviors through autophagy dysfunction and NLRP3 inflammasome-mediated neuroinflammation. <i>Journal of Hazardous Materials</i> , 2022, 440, 129818.	6.5	3
5453	Proteomic examination of <i>Cornus officinalis</i> stimulated 1.1B4 human pancreatic cells reveals activation of autophagy and Keap1/Nrf2 pathway. <i>Molecular and Cellular Endocrinology</i> , 2022, 557, 111773.	1.6	6
5454	Responses of zebrafish (<i>Danio rerio</i>) cells to antibiotic erythromycin stress at the subcellular levels. <i>Science of the Total Environment</i> , 2022, 853, 158727.	3.9	5
5455	Granulovacuolar degeneration in neurodegeneration. , 2022, , 197-206.		0
5456	An endoplasmic reticulum targeting green fluorescent protein chromophore-based probe for the detection of viscosity. <i>Chemical Communications</i> , 2022, 58, 10727-10730.	2.2	16
5457	Cell Cycle Analysis of ER Stress and Autophagy. <i>Methods in Molecular Biology</i> , 2022, , 155-166.	0.4	1
5458	Downregulation of AKT/mTOR signaling pathway for <i>Salmonella</i> -mediated autophagy in human anaplastic thyroid cancer. <i>Journal of Cancer</i> , 2022, 13, 3268-3279.	1.2	4
5459	Autophagy and metabolic regulation in cancer and its application in drug discovery. , 2022, , 177-193.		0
5460	Combined targeting autophagy and metabolism for cancer therapy. , 2022, , 215-238.		0
5461	Autophagy in Lewy body diseases and multiple system atrophy. , 2022, , 227-244.		0
5462	Hyaluronic Acid Oligosaccharide Derivatives Alleviate Lipopolysaccharide-Induced Inflammation in ATDC5 Cells by Multiple Mechanisms. <i>Molecules</i> , 2022, 27, 5619.	1.7	1
5463	Inflammation aggravated the hepatotoxicity of triptolide by oxidative stress, lipid metabolism disorder, autophagy, and apoptosis in zebrafish. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
5464	Vasorin Deletion in C57BL/6J Mice Induces Hepatocyte Autophagy through Glycogen-Mediated mTOR Regulation. <i>Nutrients</i> , 2022, 14, 3600.	1.7	4
5465	Polyphyllin II induced apoptosis of NSCLC cells by inhibiting autophagy through the mTOR pathway. <i>Pharmaceutical Biology</i> , 2022, 60, 1781-1789.	1.3	4
5466	Neuroprotective and therapeutic effects of calcitriol in rotenone-induced Parkinson's disease rat model. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	4
5468	Nrf2 Pathway and Autophagy Crosstalk: New Insights into Therapeutic Strategies for Ischemic Cerebral Vascular Diseases. <i>Antioxidants</i> , 2022, 11, 1747.	2.2	8
5469	A protein encoded by circular ZNF609 RNA induces acute kidney injury by activating the AKT/mTOR-autophagy pathway. <i>Molecular Therapy</i> , 2023, 31, 1722-1738.	3.7	9

#	ARTICLE	IF	CITATIONS
5470	Retrograde Axonal Autophagy and Endocytic Pathways Are Parallel and Separate in Neurons. <i>Journal of Neuroscience</i> , 2022, 42, 8524-8541.	1.7	8
5471	Targeting of biomolecular condensates to the autophagy pathway. <i>Trends in Cell Biology</i> , 2023, 33, 505-516.	3.6	5
5472	Ferroptosis in glioma treatment: Current situation, prospects and drug applications. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	4
5473	Immunohistochemical Detection of the Autophagy Markers LC3 and p62/SQSTM1 in Formalin-Fixed and Paraffin-Embedded Tissue. <i>Methods in Molecular Biology</i> , 2023, , 133-139.	0.4	0
5474	Molecular basis of fluoride toxicities: Beyond benefits and implications in human disorders. <i>Genes and Diseases</i> , 2023, 10, 1470-1493.	1.5	3
5475	NCOA4 drives ferritin phase separation to facilitate macroferritinophagy and microferritinophagy. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	23
5476	Altered extracellular mRNA communication in postpartum depression is associated with decreased autophagy. <i>Molecular Psychiatry</i> , 2022, 27, 4526-4535.	4.1	10
5477	Development of Targeted EGFR Degradation for Cancer Treatment. , 2022, 122, 218-227.		0
5478	Staufen Impairs Autophagy in Neurodegeneration. <i>Annals of Neurology</i> , 2023, 93, 398-416.	2.8	4
5479	Green tea catechol (-)-epigallocatechin gallate (EGCG) conjugated with phenylalanine shows enhanced autophagy stimulating activity in human aortic endothelial cells. <i>Planta Medica</i> , 0, , .	0.7	0
5480	Ropivacaine inhibits proliferation and invasion and promotes apoptosis and autophagy in bladder cancer cells via inhibiting PI3K/AKT pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2023, 37, .	1.4	4
5481	Mechanism of LncHOTAIR Regulating Proliferation, Apoptosis, and Autophagy of Lymphoma Cells through hsa-miR-6511b-5p/ATG7 Axis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	0.5	2
5482	Ubiquitination of phosphatidylethanolamine in organellar membranes. <i>Molecular Cell</i> , 2022, 82, 3677-3692.e11.	4.5	37
5483	Design, synthesis and biological evaluation of 3-aryl-7-hydroxy scopoletin derivatives as autophagy activators against tumorigenesis. <i>European Journal of Medicinal Chemistry</i> , 2022, 244, 114805.	2.6	1
5485	RNA-Seq analysis of obese <i>Pdha1</i> and <i>Lyz2</i>-Cre mice induced by a high-fat diet. <i>Experimental Animals</i> , 2022, , .	0.7	0
5486	Emerging degrader technologies engaging lysosomal pathways. <i>Chemical Society Reviews</i> , 2022, 51, 8832-8876.	18.7	35
5487	Participation of signaling proteins in sperm hyperactivation. <i>Systems Biology in Reproductive Medicine</i> , 2022, 68, 315-330.	1.0	2
5488	Concomitant targeting of FLT3 and BTK overcomes FLT3 inhibitor resistance in acute myeloid leukemia through the inhibition of autophagy. <i>Haematologica</i> , 2023, 108, 1500-1514.	1.7	8

#	ARTICLE	IF	CITATIONS
5489	Autophagy in cell fate decisions: knowledge gained from <i>Drosophila</i> . <i>Genome</i> , 2022, 65, 573-584.	0.9	1
5490	<i>Gomphrena globosa</i> L. extract alleviates carbon tetrachloride-induced liver injury in mice by activating antioxidant signaling pathways and promoting autophagy. <i>Molecular Biology Reports</i> , 2023, 50, 97-106.	1.0	2
5491	Selenium ameliorates inflammation by decreasing autophagic flux and mitogen-activated protein kinase signalling on experimentally induced rat periapical lesions. <i>International Endodontic Journal</i> , 2023, 56, 227-244.	2.3	3
5492	Autophagy: Dual roles and perspective for clinical treatment of colorectal cancer. <i>Biochimie</i> , 2023, 206, 49-60.	1.3	1
5493	Autophagy activation attenuates the circadian clock oscillators in U2OS cells via the ATG5 pathway. <i>Cellular Signalling</i> , 2022, , 110502.	1.7	0
5494	IKCa channels control breast cancer metabolism including AMPK-driven autophagy. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	4
5495	Overexpression of LINC00551 promotes autophagy-dependent ferroptosis of lung adenocarcinoma via upregulating DDIT4 by sponging miR-4328. <i>PeerJ</i> , 0, 10, e14180.	0.9	11
5496	Equisetin Targets Intracellular <i>Staphylococcus aureus</i> through a Host Acting Strategy. <i>Marine Drugs</i> , 2022, 20, 656.	2.2	3
5497	Apelin-13 Increases Functional Connexin-43 through Autophagy Inhibition via AKT/mTOR Pathway in the Non-Myocytic Cell Population of the Heart. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13073.	1.8	5
5498	Oxidative stress-induced phosphorylation of JIP4 regulates lysosomal positioning in coordination with TRPML1 and ALG2. <i>EMBO Journal</i> , 2022, 41, .	3.5	6
5499	In human astrocytes neurotropic flaviviruses increase autophagy, yet their replication is autophagy-independent. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	3
5500	Branched-chain amino acids (BCAA) administration increases autophagy and the autophagic pathway in brain tissue of rats submitted to a Maple Syrup Urine Disease (MSUD) protocol. <i>Metabolic Brain Disease</i> , 2023, 38, 287-293.	1.4	3
5501	cPKC β^3 -Modulated Autophagy Contributes to Ischemic Preconditioning-Induced Neuroprotection in Mice with Ischemic Stroke via mTOR-ULK1 Pathway. <i>Translational Stroke Research</i> , 2023, 14, 790-801.	2.3	3
5502	Brain-derived neurotrophic factor stimulates the retrograde pathway for axonal autophagy. <i>Journal of Biological Chemistry</i> , 2022, 298, 102673.	1.6	4
5503	Regulation of 5-fluorodeoxyuridine monophosphate-thymidylate synthase ternary complex levels by autophagy confers resistance to 5-fluorouracil. <i>FASEB BioAdvances</i> , 0, , .	1.3	0
5504	Leptospiral lipopolysaccharide mediated Hog1 phosphorylation in <i>Saccharomyces cerevisiae</i> directs activation of autophagy. <i>Microbial Pathogenesis</i> , 2022, 173, 105840.	1.3	2
5505	Integration of O-GlcNAc into Stress Response Pathways. <i>Cells</i> , 2022, 11, 3509.	1.8	14
5506	Palmitate Inhibits Mouse Macrophage Efferocytosis by Activating an mTORC1-Regulated Rho Kinase 1 Pathway: Therapeutic Implications for the Treatment of Obesity. <i>Cells</i> , 2022, 11, 3502.	1.8	1

#	ARTICLE	IF	CITATIONS
5507	Ginsenoside Rg1 alleviates learning and memory impairments and A β disposition through inhibiting NLRP1 inflammasome and autophagy dysfunction in APP/PS1 mice. <i>Molecular Medicine Reports</i> , 2022, 27, .	1.1	4
5508	Fagopyrum dibotrys extract alleviates hepatic steatosis and insulin resistance, and alters autophagy and gut microbiota diversity in mouse models of high-fat diet-induced non-alcoholic fatty liver disease. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
5509	Exosomes Derived from Yak Follicular Fluid Increase 2-Hydroxyestradiol Secretion by Activating Autophagy in Cumulus Cells. <i>Animals</i> , 2022, 12, 3174.	1.0	4
5510	Apoptosis, autophagic cell death, and necroptosis: different types of programmed cell death in bovine corpus luteum regression. <i>Journal of Reproduction and Development</i> , 2022, 68, 355-360.	0.5	3
5513	Taurine induces upregulation of p53 and Beclin1 and has antitumor effect in human nasopharyngeal carcinoma cells in vitro and in vivo. <i>Acta Histochemica</i> , 2023, 125, 151978.	0.9	0
5514	Shenqi granule upregulates CD2AP and β -actinin4 and activates autophagy through regulation of mTOR/ULK1 pathway in MPC5 cells. <i>Journal of Ethnopharmacology</i> , 2023, 303, 115942.	2.0	3
5515	Microcystin-LR-induced autophagy regulates oxidative stress, inflammation, and apoptosis in grass carp ovary cells in vitro. <i>Toxicology in Vitro</i> , 2023, 87, 105520.	1.1	8
5516	Quantitative 3D correlative light and electron microscopy of organelle association during autophagy. <i>Cell Structure and Function</i> , 2022, 47, 89-99.	0.5	12
5517	Autophagy Is a Crucial Path in Chondrogenesis of Adipose-Derived Mesenchymal Stromal Cells Laden in Hydrogel. <i>Gels</i> , 2022, 8, 766.	2.1	4
5518	Cathelicidin LL-37 Activates Human Keratinocyte Autophagy through the P2X α , β , Mechanistic Target of Rapamycin, and MAPK Pathways. <i>Journal of Investigative Dermatology</i> , 2023, 143, 751-761.e7.	0.3	4
5519	Bone marrow mesenchymal stem cells repair hexavalent chromium-induced testicular injury by regulating autophagy and ferroptosis mediated by the AKT/mTOR pathway in rats. <i>Environmental Toxicology</i> , 2023, 38, 289-299.	2.1	5
5520	New human ATM variants are able to regain ATM functions in ataxia telangiectasia disease. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	0
5521	A rationally designed cancer vaccine based on NIR-II fluorescence image-guided light-triggered remote control of antigen cross-presentation and autophagy. <i>Acta Pharmaceutica Sinica B</i> , 2022, , .	5.7	2
5522	Canonical and non-canonical roles for ATG8 proteins in autophagy and beyond. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	5
5523	Pro-prion, as a membrane adaptor protein for E3 ligase c-Cbl, facilitates the ubiquitination of IGF-1R, promoting melanoma metastasis. <i>Cell Reports</i> , 2022, 41, 111834.	2.9	3
5525	The role of autophagy in acute myeloid leukemia development. <i>Expert Review of Anticancer Therapy</i> , 2023, 23, 5-18.	1.1	2
5527	An atypical, staged cell death pathway induced by depletion of SNARE-proteins MUNC18-1 or syntaxin-1. <i>Journal of Neuroscience</i> , 0, , JN-RM-0611-22.	1.7	1
5528	In Skeletal Muscle Fibers, Protein Kinase Subunit CSNK2A1/CK2 β Is Required for Proper Muscle Homeostasis and Structure and Function of Neuromuscular Junctions. <i>Cells</i> , 2022, 11, 3962.	1.8	1

#	ARTICLE	IF	CITATIONS
5529	Non-cytopathic bovine viral diarrhoea virus 2 induces autophagy to enhance its replication. <i>Veterinary Medicine and Science</i> , 2023, 9, 405-416.	0.6	2
5530	Effects of herbal cake-partitioned moxibustion on the expression of thyroid autophagy-related factors LC3B and Beclin-1 in rats with autoimmune thyroiditis. <i>Journal of Acupuncture and Tuina Science</i> , 2022, 20, 453-463.	0.1	0
5531	In vitro and in vivo anti-tumor activity of <i>Antrodia salmonea</i> against twist-overexpressing HNSCC cells: Induction of ROS-mediated autophagic and apoptotic cell death. <i>Food and Chemical Toxicology</i> , 2023, 172, 113564.	1.8	5
5532	The loss of cardiac SIRT3 decreases metabolic flexibility and proteostasis in an age-dependent manner. <i>GeroScience</i> , 2023, 45, 983-999.	2.1	5
5533	Orchestration of selective autophagy by cargo receptors. <i>Current Biology</i> , 2022, 32, R1357-R1371.	1.8	32
5535	New Tissue Models for Explaining Eye Migration. , 2022, , 57-90.		0
5536	Targeting the Interplay of Autophagy and ROS for Cancer Therapy: An Updated Overview on Phytochemicals. <i>Pharmaceuticals</i> , 2023, 16, 92.	1.7	18
5537	Enhancing Anti-Cancer Therapy with Selective Autophagy Inhibitors by Targeting Protective Autophagy. <i>Biomolecules and Therapeutics</i> , 2023, 31, 1-15.	1.1	6
5538	The chaperone-assisted selective autophagy complex dynamics and dysfunctions. <i>Autophagy</i> , 2023, 19, 1619-1641.	4.3	20
5539	Phosphatidylethanolamine homeostasis under conditions of impaired CDP-ethanolamine pathway or phosphatidylserine decarboxylation. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	3
5540	The Autophagy Marker LC3 Is Processed during the Sperm Capacitation and the Acrosome Reaction and Translocates to the Acrosome Where It Colocalizes with the Acrosomal Membranes in Horse Spermatozoa. <i>International Journal of Molecular Sciences</i> , 2023, 24, 937.	1.8	2
5541	Pathogenesis and Mechanisms of SARS-CoV-2 Infection in the Intestine, Liver, and Pancreas. <i>Cells</i> , 2023, 12, 262.	1.8	13
5542	Recent Advances in the Role of Autophagy in Endocrine-Dependent Tumors. <i>Endocrine Reviews</i> , 2023, 44, 629-646.	8.9	2
5543	Mitochondrial Dysfunction and Mitophagy in Type 2 Diabetes: Pathophysiology and Therapeutic Targets. <i>Antioxidants and Redox Signaling</i> , 2023, 39, 278-320.	2.5	7
5544	GAT inhibition preserves cerebral blood flow and reduces oxidant damage to mitochondria in rodents exposed to extreme hyperbaric oxygen. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	0
5545	Apigenin and its octoic acid diester attenuated glycidol-induced autophagic-dependent apoptosis via inhibiting the ERK/JNK/p38 signaling pathways in human umbilical vein endothelial cells (HUVECs). <i>Current Research in Food Science</i> , 2023, 6, 100447.	2.7	0
5546	17 β -estradiol suppresses H ₂ O ₂ -induced senescence in human umbilical vein endothelial cells by inducing autophagy through the PVT1/miR-31/SIRT3 axis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2023, 227, 106244.	1.2	4
5547	FLIP-based autophagy-detecting technique reveals closed autophagic compartments. <i>Scientific Reports</i> , 2022, 12, .	1.6	1

#	ARTICLE	IF	CITATIONS
5548	Autophagy-related gene and protein expressions during blastocyst development. <i>Journal of Assisted Reproduction and Genetics</i> , 0, , .	1.2	0
5549	Apelin-13 prevents the effects of oxygenâ€“glucose deprivation/reperfusion on bEnd.3 cells by inhibiting AKTâ€“mTOR signaling. <i>Experimental Biology and Medicine</i> , 2023, 248, 146-156.	1.1	3
5550	AmAtg2B-Mediated Lipophagy Regulates Lipolysis of Pupae in <i>Apis mellifera</i> . <i>International Journal of Molecular Sciences</i> , 2023, 24, 2096.	1.8	2
5551	Estrogen receptor alpha mediates 17Î²-estradiol, up-regulates autophagy and alleviates hydrogen peroxide-induced vascular senescence. <i>Biogerontology</i> , 2023, 24, 783-799.	2.0	2
5552	Ufmylation reconciles salt stress-induced unfolded protein responses via ER-phagy in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	5
5553	Marine-Derived Natural Product HDYL-GQQ-495 Targets P62 to Inhibit Autophagy. <i>Marine Drugs</i> , 2023, 21, 68.	2.2	1
5554	FOXO3 Activation Prevents Cellular Senescence in Emphysema Induced by Cigarette Smoke. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2023, 20, 80-91.	0.7	1
5555	Narrow Leafed Lupin (<i>Lupinus angustifolius</i> L.) Î²-Conglutin Seed Proteins as a New Natural Cytotoxic Agents against Breast Cancer Cells. <i>Nutrients</i> , 2023, 15, 523.	1.7	2
5556	Cytosolic galectin-4 enchains bacteria, restricts their motility, and promotes inflammasome activation in intestinal epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	3
5557	A small-molecule drug inhibits autophagy gene expression through the central regulator TFEB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	6
5558	Gartanin enhances TRAIL-mediated liver cancer cell death through DR5 upregulation and autophagy activation. <i>Journal of Applied Biological Chemistry</i> , 0, 66, .	0.2	1
5561	Pharmacological inhibition of lysosomal two-pore channel 2 (TPC2) confers neuroprotection in stroke via autophagy regulation. <i>Neurobiology of Disease</i> , 2023, 178, 106020.	2.1	2
5562	Formosanin C suppresses cancer cell proliferation and migration by impeding autophagy machinery. <i>Kaohsiung Journal of Medical Sciences</i> , 2023, 39, 489-500.	0.8	3
5563	Gouty arthritis involves impairment of autophagic degradation via cathepsin D inactivation-mediated lysosomal dysfunction that promotes apoptosis in macrophages. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2023, 1869, 166703.	1.8	2
5564	<i>Staphylococcus aureus</i> induces mitophagy to promote its survival within bovine mammary epithelial cells. <i>Veterinary Microbiology</i> , 2023, 280, 109697.	0.8	1
5565	Mealtime alcohol consumption suppresses skeletal muscle mTORC1 signaling in female mice. <i>Molecular and Cellular Endocrinology</i> , 2023, 566-567, 111914.	1.6	1
5566	Pharmacological Progress of Mitophagy Regulation. <i>Current Neuropharmacology</i> , 2023, 21, 1026-1041.	1.4	2
5567	<i>Salmonella Enteritidis</i> RfbD enhances bacterial colonization and virulence through inhibiting autophagy. <i>Microbiological Research</i> , 2023, 270, 127338.	2.5	1

#	ARTICLE	IF	CITATIONS
5568	Autophagy inhibition and ferroptosis activation during atherosclerosis: Hypoxia-inducible factor 1 α inhibitor PX-478 alleviates atherosclerosis by inducing autophagy and suppressing ferroptosis in macrophages. <i>Biomedicine and Pharmacotherapy</i> , 2023, 161, 114333.	2.5	8
5569	Intervertebral disc cell fate during aging and degeneration: apoptosis, senescence, and autophagy. <i>North American Spine Society Journal (NASSJ)</i> , 2023, 14, 100210.	0.3	2
5570	Alzheimer's disease-associated mutant ubiquitin (UBB+1) is secreted through an autophagosome-like vesicle-mediated unconventional pathway. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2023, 1866, 194936.	0.9	1
5571	Pretreatment of 3-MA prevents doxorubicin-induced cardiotoxicity through inhibition of autophagy initiation. <i>Toxicology</i> , 2023, 490, 153512.	2.0	1
5572	Redox partner interactions in the ATG8 lipidation system in microalgae. <i>Free Radical Biology and Medicine</i> , 2023, 203, 58-68.	1.3	2
5573	Quantification of autophagy flux in isolated mouse skeletal muscle fibers with overexpression of fluorescent protein mCherry-EGFP-LC3. <i>STAR Protocols</i> , 2023, 4, 101871.	0.5	0
5574	The selective autophagy adaptor p62/SQSTM1 forms phase condensates regulated by HSP27 that facilitate the clearance of damaged lysosomes via lysophagy. <i>Cell Reports</i> , 2023, 42, 112037.	2.9	18
5575	Blue LED light induces cytotoxicity via ROS production and mitochondrial damage in bovine subcutaneous preadipocytes. <i>Environmental Pollution</i> , 2023, 322, 121195.	3.7	1
5576	INTERLEUKIN-35 DOWNREGULATES THE IMMUNE RESPONSE OF EFFECTOR CD4+ T CELLS VIA RESTRICTING HIGH MOBILITY GROUP BOX-1 PROTEIN-DEPENDENT AUTOPHAGY IN SEPSIS. <i>Shock</i> , 2023, 59, 277-287.	1.0	1
5577	Thymosin Beta 4 Inhibits LPS and ATP-Induced Hepatic Stellate Cells via the Regulation of Multiple Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3439.	1.8	4
5578	HS 3D-SeboSkin Model Enables the Preclinical Exploration of Therapeutic Candidates for Hidradenitis Suppurativa/Acne Inversa. <i>Pharmaceutics</i> , 2023, 15, 619.	2.0	1
5580	The anti-tumor activities of coenzyme Q0 through ROS-mediated autophagic cell death in human triple-negative breast cells. <i>Journal of Functional Foods</i> , 2023, 102, 105454.	1.6	3
5581	Hesperetin Induces Autophagy and Delayed Apoptosis by Modulating the AMPK/Akt/mTOR Pathway in Human Leukemia Cells In Vitro. <i>Current Issues in Molecular Biology</i> , 2023, 45, 1587-1600.	1.0	4
5582	Identification of the CCL2 PI3K/Akt axis involved in autophagy and apoptosis after spinal cord injury. <i>Metabolic Brain Disease</i> , 2023, 38, 1335-1349.	1.4	3
5583	miR-103-3p Regulates the Differentiation and Autophagy of Myoblasts by Targeting MAP4. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4130.	1.8	0
5584	Immunoexpression Pattern of Autophagy Markers in Developing and Postnatal Kidneys of Dab1 α ^{+/+} /yotari Mice. <i>Biomolecules</i> , 2023, 13, 402.	1.8	1
5585	PI3-kinase deletion promotes myelodysplasia by dysregulating autophagy in hematopoietic stem cells. <i>Science Advances</i> , 2023, 9, .	4.7	3
5587	The LC3B FRET biosensor monitors the modes of action of ATG4B during autophagy in living cells. <i>Autophagy</i> , 2023, 19, 2275-2295.	4.3	1

#	ARTICLE	IF	CITATIONS
5588	Fermented Lettuce Extract Containing Nitric Oxide Metabolites Attenuates Inflammatory Parameters in Model Mice and in Human Fibroblast-Like Synoviocytes. <i>Nutrients</i> , 2023, 15, 1106.	1.7	2
5589	The Role of Mitophagy in Skeletal Muscle Damage and Regeneration. <i>Cells</i> , 2023, 12, 716.	1.8	6
5590	MicroRNA miRâ€252â€5p regulates the Notch signaling pathway by targeting <i>Rab6</i> in <i>Drosophila</i> wing development. <i>Insect Science</i> , 2023, 30, 1431-1444.	1.5	1
5591	Cytotoxicity and Autophagy Induced by Ivermectin via AMPK/mTOR Signaling Pathway in RAW264.7 Cells. <i>Molecules</i> , 2023, 28, 2201.	1.7	2
5592	Autophagy-Targeted Calcium Phosphate Nanoparticles Enable Transarterial Chemoembolization for Enhanced Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 11431-11443.	4.0	7
5593	Mitochondrial Hydrogen Peroxide Activates PTEN and Inactivates Akt Leading to Autophagy Inhibition-Dependent Cell Death in Neuronal Models of Parkinsonâ€™s Disease. <i>Molecular Neurobiology</i> , 2023, 60, 3345-3364.	1.9	2
5594	Micellar Form of a Ferrocene-Containing Camphor Sulfonamide with Improved Aqueous Solubility and Tumor Curing Potential. <i>Pharmaceutics</i> , 2023, 15, 791.	2.0	1
5595	Systematic Transmission Electron Microscopyâ€Based Identification and 3D Reconstruction of Cellular Degradation Machinery. <i>Advanced Biology</i> , 2023, 7, .	1.4	15
5596	mTOR inhibition overcomes RSK3-mediated resistance to BET inhibitors in small cell lung cancer. <i>JCI Insight</i> , 2023, 8, .	2.3	6
5597	Suprabasin enhances the invasion, migration, and angiogenic ability of oral squamous cell carcinoma cells under hypoxic conditions. <i>Oncology Reports</i> , 2023, 49, .	1.2	0
5598	Autophagy is induced by swine acute diarrhea syndrome coronavirus through the cellular IRE1-JNK-Becn1 signaling pathway after an interaction of viral membrane-associated papain-like protease and GRP78. <i>PLoS Pathogens</i> , 2023, 19, e1011201.	2.1	4
5600	Silica Nanoparticles Promote Apoptosis in Ovarian Granulosa Cells via Autophagy Dysfunction. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5189.	1.8	3
5601	Characterization and chemical modulation of p62/SQSTM1/Sequestosome-1 as an autophagic N-recognin. <i>Methods in Enzymology</i> , 2023, , 235-265.	0.4	0
5602	De novo design of a novel AIE fluorescent probe tailored to autophagy visualization via pH manipulation. <i>Biomaterials Research</i> , 2023, 27, .	3.2	2
5603	The role of NEDD4 related HECT-type E3 ubiquitin ligases in defective autophagy in cancer cells: molecular mechanisms and therapeutic perspectives. <i>Molecular Medicine</i> , 2023, 29, .	1.9	4
5605	Reduced Autophagy in Aged Trigeminal Neurons Causes Amyloid β^2 Diffusion. <i>Journal of Dental Research</i> , 0, , 002203452311560.	2.5	2
5606	mTORC1-Induced Bone Marrow-Derived Mesenchymal Stem Cell Exhaustion Contributes to the Bone Abnormalities in <i>Klotho</i> -Deficient Mice of Premature Aging. <i>Stem Cells and Development</i> , 0, , .	1.1	0
5607	The potential of ferroptosis combined with radiotherapy in cancer treatment. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	3

#	ARTICLE	IF	CITATIONS
5608	Modified 5-aminolevulinic acid photodynamic therapy suppresses cutaneous squamous cell carcinoma through blocking Akt/mTOR-mediated autophagic flux. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	3
5610	Endothelial Autophagy Dysregulation in Diabetes. <i>Cells</i> , 2023, 12, 947.	1.8	4
5611	Crosstalk between Autophagy and RLR Signaling. <i>Cells</i> , 2023, 12, 956.	1.8	4
5612	<i>Antrodia camphorata</i> and coenzyme Q ₀ , a novel quinone derivative of <i>Antrodia camphorata</i> , impede HIF α and epithelial-mesenchymal transition/metastasis in human glioblastoma cells. <i>Environmental Toxicology</i> , 2023, 38, 1548-1564.	2.1	3
5613	Coat protein of rice stripe virus enhances autophagy activity through interaction with cytosolic glyceraldehyde-3-phosphate dehydrogenases, a negative regulator of plant autophagy. <i>Stress Biology</i> , 2023, 3, .	1.5	3
5614	Transcriptome Discovery of Genes in the Three Phases of Autophagy That Are Upregulated During Atrial Fibrillation. <i>Circulation Reports</i> , 2023, 5, 114-122.	0.4	1
5615	Bone regeneration strategies based on organelle homeostasis of mesenchymal stem cells. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	0
5617	ATM inhibition enhances the efficacy of radiation across distinct molecular subgroups of pediatric high-grade glioma. <i>Neuro-Oncology</i> , 2023, 25, 1828-1841.	0.6	3
5618	\hat{I}^2 Cell and Autophagy: What Do We Know?. <i>Biomolecules</i> , 2023, 13, 649.	1.8	3
5619	Epstein-Barr virus regulates the life cycle and host cell biology by hijacking post-translational modification. <i>Reviews in Medical Virology</i> , 0, , .	3.9	0
5620	Echovirus induces autophagy to promote viral replication via regulating mTOR/ULK1 signaling pathway. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
5621	Membrane Curvature: The Inseparable Companion of Autophagy. <i>Cells</i> , 2023, 12, 1132.	1.8	0
5622	ATG5 provides host protection acting as a switch in the atg8ylation cascade between autophagy and secretion. <i>Developmental Cell</i> , 2023, 58, 866-884.e8.	3.1	8
5623	Fluorinated Derivatives of Digalloyl-Flavan-3-ol Induce Autophagic Cell Death by Forming Granular Aggregates Containing Mitochondria. <i>Biochem</i> , 2023, 3, 61-77.	0.5	1
5624	Apoptotic Cell Death in Bicuspid-Aortic-Valve-Associated Aortopathy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7429.	1.8	0
5625	Actin cytoskeletal reorganization is involved in hyperosmotic stress-induced autophagy in tubular epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2023, 663, 1-7.	1.0	0
5626	Degeneration of muscle spindles in a murine model of Pompe disease. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
5627	Contribution of HIF α /BNIP3-mediated autophagy to lipid accumulation during irinotecan-induced liver injury. <i>Scientific Reports</i> , 2023, 13, .	1.6	4

#	ARTICLE	IF	CITATIONS
5628	Enhanced Chemodynamic Therapy Mediated by a Tumor-Specific Catalyst in Synergy with Mitophagy Inhibition Improves the Efficacy for Endometrial Cancer. <i>Small</i> , 2023, 19, .	5.2	1
5646	Autophagy Mechanisms for Brain Recovery. Keep It Clean, Keep It Alive. <i>Contemporary Clinical Neuroscience</i> , 2023, , 41-76.	0.3	0
5673	The applications of nanozymes in cancer therapy: based on regulating pyroptosis, ferroptosis and autophagy of tumor cells. <i>Nanoscale</i> , 2023, 15, 12137-12156.	2.8	8
5725	The role of sphingosine-1-phosphate in autophagy and related disorders. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	1
5781	Modes of Chemically Induced Cell Death. , 2023, , .		0
5799	PRKAA2, MTOR, and TFEB in the regulation of lysosomal damage response and autophagy. <i>Journal of Molecular Medicine</i> , 2024, 102, 287-311.	1.7	1
5812	Autophagy and Huntington's disease. , 2024, , 229-257.		0