Autophagy in the Eukaryotic Cell

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Citation Report

#	Article	IF	CITATIONS
1	Cooperative Binding of the Cytoplasm to Vacuole Targeting Pathway Proteins, Cvt13 and Cvt20, to Phosphatidylinositol 3-Phosphate at the Pre-autophagosomal Structure Is Required for Selective Autophagy. Journal of Biological Chemistry, 2002, 277, 30198-30207.	1.6	176
2	Studies of Cargo Delivery to the Vacuole Mediated by Autophagosomes in Saccharomyces cerevisiae. Developmental Cell, 2002, 3, 815-824.	3.1	96
3	Mechanism of Cargo Selection in the Cytoplasm to Vacuole Targeting Pathway. Developmental Cell, 2002, 3, 825-837.	3.1	326
4	Diversity of Signaling Controls of Macroautophagy in Mammalian Cells Cell Structure and Function, 2002, 27, 431-441.	0.5	67
5	Autophagosome Formation in Mammalian Cells Cell Structure and Function, 2002, 27, 421-429.	0.5	833
6	Autophagic programmed cell death in Drosophila. Cell Death and Differentiation, 2003, 10, 940-945.	5.0	207
7	The causes of Charcot-Marie-Tooth disease. Cellular and Molecular Life Sciences, 2003, 60, 2547-2560.	2.4	50
8	Nucleus †hallowed ground' no more. Drug Discovery Today, 2003, 8, 238-239.	3.2	O
9	Autophagy: a barrier or an adaptive response to cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2003, 1603, 113-128.	3.3	165
10	Macroautophagy is dispensable for intracellular replication of Legionella pneumophila in Dictyostelium discoideum. Molecular Microbiology, 2003, 51, 63-72.	1.2	117
11	Autophagy is induced during cell death by incompatibility and is essential for differentiation in the filamentous fungus Podospora anserina. Molecular Microbiology, 2003, 47, 321-333.	1.2	123
12	Cytoplasmic bacteria can be targets for autophagy. Cellular Microbiology, 2003, 5, 455-468.	1.1	224
13	Caspase-independent cell death in T lymphocytes. Nature Immunology, 2003, 4, 416-423.	7.0	351
14	Dynamics of Endosomal Sorting. International Review of Cytology, 2003, 232, 1-57.	6.2	42
15	Growth Factor Deprivation Induces an Alternative Non-apoptotic Death Mechanism That Is Inhibited by Bcl2 in Cells Derived from Neural Precursor Cells. Journal of Hematotherapy and Stem Cell Research, 2003, 12, 735-748.	1.8	39
16	The Drosophila homolog of Aut1 is essential for autophagy and development. FEBS Letters, 2003, 543, 154-158.	1.3	93
17	Redox pacing of proteome turnover: influences of glutathione and ketonemia. Archives of Biochemistry and Biophysics, 2003, 417, 183-193.	1.4	8
18	The anti-ageing effects of caloric restriction may involve stimulation of macroautophagy and lysosomal degradation, and can be intensified pharmacologically. Biomedicine and Pharmacotherapy, 2003, 57, 203-208.	2.5	130

#	Article	IF	Citations
19	Nuclear DNA degradation during heterokaryon incompatibility in Neurospora crassa. Fungal Genetics and Biology, 2003, 40, 126-137.	0.9	59
20	Role of the Apg12 conjugation system in mammalian autophagy. International Journal of Biochemistry and Cell Biology, 2003, 35, 553-561.	1.2	107
21	A Unified Nomenclature for Yeast Autophagy-Related Genes. Developmental Cell, 2003, 5, 539-545.	3.1	1,147
22	Macroautophagy Is Required for Multicellular Development of the Social Amoeba Dictyostelium discoideum. Journal of Biological Chemistry, 2003, 278, 17636-17645.	1.6	196
23	The VTI Family of SNARE Proteins Is Necessary for Plant Viability and Mediates Different Protein Transport Pathways [W]. Plant Cell, 2003, 15, 2885-2899.	3.1	194
24	Vps51 Is Part of the Yeast Vps Fifty-three Tethering Complex Essential for Retrograde Traffic from the Early Endosome and Cvt Vesicle Completion. Journal of Biological Chemistry, 2003, 278, 5009-5020.	1.6	91
25	Atg23 Is Essential for the Cytoplasm to Vacuole Targeting Pathway and Efficient Autophagy but Not Pexophagy. Journal of Biological Chemistry, 2003, 278, 48445-48452.	1.6	74
26	Localization of Nonspecific Lipid Transfer Proteins Correlate with Programmed Cell Death Responses during Endosperm Degradation in Euphorbia lagascae Seedlings. Plant Physiology, 2003, 132, 1249-1259.	2.3	48
27	The Molecular Mechanism of Autophagy. Molecular Medicine, 2003, 9, 65-76.	1.9	470
28	7 Regulation of the yeast general amino acid control pathway in response to nutrient stress. Topics in Current Genetics, 2004, , 171-199.	0.7	14
29	Interaction of Chlamydia trachomatis Serovar L2 with the Host Autophagic Pathway. Infection and Immunity, 2004, 72, 4751-4762.	1.0	70
30	Activation of Chaperone-mediated Autophagy during Oxidative Stress. Molecular Biology of the Cell, 2004, 15, 4829-4840.	0.9	546
31	The conserved kinase UNC-51 acts with VAB-8 and UNC-14 to regulate axon outgrowth in C. elegans. Development (Cambridge), 2004, 131, 5991-6000.	1.2	56
32	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) is required for induction of autophagy during lumen formation in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3438-3443.	3.3	245
33	Early Stages of the Secretory Pathway, but Not Endosomes, Are Required for Cvt Vesicle and Autophagosome Assembly in Saccharomyces cerevisiae. Molecular Biology of the Cell, 2004, 15, 2189-2204.	0.9	130
34	Friedreich Ataxia Mouse Models with Progressive Cerebellar and Sensory Ataxia Reveal Autophagic Neurodegeneration in Dorsal Root Ganglia. Journal of Neuroscience, 2004, 24, 1987-1995.	1.7	189
35	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. Journal of Biological Chemistry, 2004, 279, 36268-36276.	1.6	297
36	Coronavirus Replication Complex Formation Utilizes Components of Cellular Autophagy. Journal of Biological Chemistry, 2004, 279, 10136-10141.	1.6	397

#	ARTICLE	IF	CITATIONS
37	Dimerization Is Required for Activation of eIF2 Kinase Gcn2 in Response to Diverse Environmental Stress Conditions. Journal of Biological Chemistry, 2004, 279, 22820-22832.	1.6	69
38	Resveratrol-induced Autophagocytosis in Ovarian Cancer Cells. Cancer Research, 2004, 64, 696-703.	0.4	359
39	Autophagy and Caspases: A New Cell Death Program. Cell Cycle, 2004, 3, 1122-1124.	1.3	79
40	Pathways of apoptotic and non-apoptotic death in tumour cells. Nature Reviews Cancer, 2004, 4, 592-603.	12.8	939
41	Multiple cell death pathways as regulators of tumour initiation and progression. Oncogene, 2004, 23, 2746-2756.	2.6	281
42	Regulated self-cannibalism. Nature, 2004, 431, 31-32.	13.7	94
43	Mushrooms in cyberspace. Nature, 2004, 431, 32-32.	13.7	1
44	The core problem. Nature, 2004, 431, 32-33.	13.7	4
45	Autophagy and agingâ€"importance of amino acid levels. Mechanisms of Ageing and Development, 2004, 125, 161-168.	2.2	34
46	Chondroptosis: A variant of apoptotic cell death in chondrocytes?. Apoptosis: an International Journal on Programmed Cell Death, 2004, 9, 265-277.	2.2	197
47	Role of Heat Shock Proteins During Polyglutamine Neurodegeneration: Mechanisms and Hypothesis. Journal of Molecular Neuroscience, 2004, 23, 069-096.	1.1	64
48	Interrelationships among Atg proteins during autophagy inSaccharomyces cerevisiae. Yeast, 2004, 21, 1057-1065.	0.8	36
49	Glycogen autophagy. Microscopy Research and Technique, 2004, 64, 10-20.	1.2	60
50	Multiple cell death programs: Charon's lifts to Hades. FEMS Yeast Research, 2004, 5, 101-110.	1.1	42
51	Autophagy Is a Defense Mechanism Inhibiting BCG and Mycobacterium tuberculosis Survival in Infected Macrophages. Cell, 2004, 119, 753-766.	13.5	1,996
52	Regulation and role of autophagy in mammalian cells. International Journal of Biochemistry and Cell Biology, 2004, 36, 2445-2462.	1.2	581
53	Methods for monitoring autophagy. International Journal of Biochemistry and Cell Biology, 2004, 36, 2491-2502.	1.2	830
54	Role of mitochondrial permeability transition pores in mitochondrial autophagy. International Journal of Biochemistry and Cell Biology, 2004, 36, 2463-2472.	1,2	229

#	ARTICLE	IF	CITATIONS
55	Pathophysiology of chaperone-mediated autophagy. International Journal of Biochemistry and Cell Biology, 2004, 36, 2420-2434.	1.2	169
56	Autophagy is a part of ultrastructural synaptic pathology in Creutzfeldt–Jakob disease: a brain biopsy study. International Journal of Biochemistry and Cell Biology, 2004, 36, 2563-2573.	1.2	100
57	Neuronal cell death in transmissible spongiform encephalopathies (prion diseases) revisited: from apoptosis to autophagy. International Journal of Biochemistry and Cell Biology, 2004, 36, 2473-2490.	1.2	107
58	The role of macroautophagy in the ageing process, anti-ageing intervention and age-associated diseases. International Journal of Biochemistry and Cell Biology, 2004, 36, 2392-2404.	1.2	134
59	LC3 conjugation system in mammalian autophagy. International Journal of Biochemistry and Cell Biology, 2004, 36, 2503-2518.	1,2	1,223
60	Cloning and Analysis of Human Apg16L. DNA Sequence, 2004, 15, 303-305.	0.7	25
61	Apoptotic and autophagic cell death induced by histone deacetylase inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 18030-18035.	3.3	569
62	Development by Self-Digestion. Developmental Cell, 2004, 6, 463-477.	3.1	3,502
63	Peroxisome turnover by micropexophagy: an autophagy-related process. Trends in Cell Biology, 2004, 14, 515-523.	3.6	160
64	Regulation of Cell Growth, Differentiation, and Death during Metamorphosis. , 2004, , 369-395.		1
65	Identification of mature appressorium-enriched transcripts in Magnaporthe grisea, the rice blast fungus, using suppression subtractive hybridization. FEMS Microbiology Letters, 2005, 245, 131-137.	0.7	42
66	Organelle interactions and possible degradation pathways visualized in high-pressure frozen algal cells. Journal of Microscopy, 2005, 219, 86-94.	0.8	28
67	Autophagy: dual roles in life and death?. Nature Reviews Molecular Cell Biology, 2005, 6, 505-510.	16.1	889
68	Autophagy: molecular machinery for self-eating. Cell Death and Differentiation, 2005, 12, 1542-1552.	5.0	1,339
69	Membranous complexes characteristic of melanocytes derived from patients with Hermansky–Pudlak syndrome type 1 are macroautophagosomal entities of the lysosomal compartment. Pigment Cell & Melanoma Research, 2005, 18, 417-426.	4.0	25
70	CeVPS-27 is an Endosomal Protein Required for the Molting and the Endocytic Trafficking of the Low-Density Lipoprotein Receptor-Related Protein 1 in Caenorhabditis elegans. Traffic, 2005, 6, 695-705.	1.3	78
71	Autophagosomes: biogenesis from scratch?. Current Opinion in Cell Biology, 2005, 17, 415-422.	2.6	257
72	Subversion of Cellular Autophagosomal Machinery by RNA Viruses. PLoS Biology, 2005, 3, e156.	2.6	717

#	Article	IF	Citations
73	An evolutionary proteomics approach identifies substrates of the cAMP-dependent protein kinase. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13933-13938.	3.3	216
74	The Actin Cytoskeleton Is Required for Selective Types of Autophagy, but Not Nonspecific Autophagy, in the Yeast Saccharomyces cerevisiae. Molecular Biology of the Cell, 2005, 16, 5843-5856.	0.9	139
75	Atg9 Cycles Between Mitochondria and the Pre-Autophagosomal Structure in Yeasts. Autophagy, 2005, 1, 101-109.	4.3	234
76	Atg17 Regulates the Magnitude of the Autophagic Response. Molecular Biology of the Cell, 2005, 16, 3438-3453.	0.9	207
77	Autophagy and Aging: The Importance of Maintaining "Clean" Cells. Autophagy, 2005, 1, 131-140.	4.3	709
79	Inhibition of Macroautophagy Triggers Apoptosis. Molecular and Cellular Biology, 2005, 25, 1025-1040.	1.1	1,533
80	Histone Deacetylase Inhibitors in Programmed Cell Death and Cancer Therapy. Cell Cycle, 2005, 4, 549-551.	1.3	143
81	Accelerated Cell Death in Podospora Autophagy Mutants. Eukaryotic Cell, 2005, 4, 1765-1774.	3.4	104
82	Modulation of N-Ethylmaleimide-sensitive Factor Activity upon Amino Acid Deprivation. Journal of Biological Chemistry, 2005, 280, 16219-16226.	1.6	16
83	Maturation of Autophagic Vacuoles in Mammalian Cells. Autophagy, 2005, 1, 1-10.	4.3	544
84	Crypt-Restricted Loss and Decreased Protein Expression of Cytochrome c Oxidase Subunit I as Potential Hypothesis-Driven Biomarkers of Colon Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2066-2075.	1.1	39
85	Cryptococcus neoformans Gene Expression during Murine Macrophage Infection. Eukaryotic Cell, 2005, 4, 1420-1433.	3.4	184
86	Autophagy and Its Possible Roles in Nervous System Diseases, Damage and Repair. Autophagy, 2005, 1, 11-22.	4.3	422
87	Early Secretory Pathway Gene <i>TRS85</i> is Required for Selective Macroautophagy of Peroxisomes in <i>Yarrowia lipolytica</i> . Autophagy, 2005, 1, 37-45.	4.3	66
88	El mecanismo de prolongación de la vida por restricción calórica y la intensificación farmacológica de sus efectos. Revista Espanola De Geriatria Y Gerontologia, 2005, 40, 108-113.	0.2	1
89	The Dynamics of Autophagy Visualised in Live Cells: from Autophagosome Formation to Fusion with Endo/lysosomes. Autophagy, 2005, 1, 23-36.	4.3	355
90	Intracellular ATP Correlates with Mode of Pexophagy inPichia pastoris. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1527-1533.	0.6	44
91	Chemical- and Pathogen-Induced Programmed Cell Death in Plants. Biotechnology and Biotechnological Equipment, 2005, 19, 124-138.	0.5	4

#	Article	IF	Citations
92	The molecular machinery of autophagy: unanswered questions. Journal of Cell Science, 2005, 118, 7-18.	1.2	839
93	Autophagy in innate and adaptive immunity. Trends in Immunology, 2005, 26, 523-528.	2.9	197
94	Membrane Origin for Autophagy. Current Topics in Developmental Biology, 2006, 74, 1-30.	1.0	71
95	Starvation-induced expression of autophagy-related genes in Arabidopsis. Biology of the Cell, 2006, 98, 53-67.	0.7	178
96	Overview of Autophagy., 2006,, 1-17.		5
97	Phosphatase activity in the heterotrophic dinoflagellate Pfiesteria shumwayae. Harmful Algae, 2006, 5, 395-406.	2.2	9
98	Manganese induced apoptosis in haematopoietic cells of Nephrops norvegicus (L.). Aquatic Toxicology, 2006, 77, 322-328.	1.9	43
100	Utilization of Endoplasmic Reticulum Membranes to Establish a Vacuole that Supports Replication of Legionella pneumophila., 2006, , 199-210.		0
101	The Crohn's disease-associated adherent-invasive Escherichia coli strain LF82 replicates in mature phagolysosomes within J774 macrophages. Cellular Microbiology, 2006, 8, 471-484.	1.1	136
102	Programmed cell death in plants: Effect of protein synthesis inhibitors and structural changes in pea guard cells. Biochemistry (Moscow), 2006, 71, 395-405.	0.7	12
103	Differential expression of ABH histo-blood group antigens and LAMPs in infantile hemangioma. Journal of Molecular Histology, 2006, 36, 455-460.	1.0	7
104	Peroxisomes are present in murine spermatogonia and disappear during the course of spermatogenesis. Histochemistry and Cell Biology, 2006, 125, 693-703.	0.8	30
105	Tryptamine induces cell death with ultrastructural features of autophagy in neurons and glia: Possible relevance for neurodegenerative disorders. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 1026-1030.	2.0	19
106	Protein Aggregates are Transported to Vacuoles by Macroautophagic Mechanism in Nutrient-Starved Plant Cells. Autophagy, 2006, 2, 96-106.	4.3	100
107	Atg28, a Novel Coiled-Coil Protein Involved in Autophagic Degradation of Peroxisomes in the Methylotrophic Yeast Pichia pastoris. Autophagy, 2006, 2, 30-38.	4.3	49
108	The Two Faces of Autophagy: Coxiella and Mycobacterium. Autophagy, 2006, 2, 162-164.	4.3	49
109	PKR-Dependent Xenophagic Degradation of Herpes Simplex Virus Type 1. Autophagy, 2006, 2, 24-29.	4.3	336
110	Autophagy in Development and Stress Responses of Plants. Autophagy, 2006, 2, 2-11.	4.3	327

#	Article	IF	Citations
111	Endosome Sorting and Autophagy Are Essential for Differentiation and Virulence of Leishmania major. Journal of Biological Chemistry, 2006, 281, 11384-11396.	1.6	191
112	Atg9 sorting from mitochondria is impaired in early secretion and VFT-complex mutants in Saccharomyces cerevisiae. Journal of Cell Science, 2006, 119, 2903-2911.	1.2	41
113	Programmed Cell Death in Fungi. , 2006, , 167-187.		19
114	Aggregateâ€Prone Proteins Are Cleared from the Cytosol by Autophagy: Therapeutic Implications. Current Topics in Developmental Biology, 2006, 76, 89-101.	1.0	262
115	Aup1p, a Yeast Mitochondrial Protein Phosphatase Homolog, Is Required for Efficient Stationary Phase Mitophagy and Cell Survival. Journal of Biological Chemistry, 2007, 282, 5617-5624.	1.6	232
116	Role of Autophagy in Breast Cancer. Autophagy, 2007, 3, 610-613.	4.3	134
117	Aberrant Membranes and Double-Membrane Structures Accumulate in the Axons of (i>Atg5 (i>Null Purkinje Cells before Neuronal Death. Autophagy, 2007, 3, 591-596.	4.3	145
118	Organelle turnover by autophagy. Microbiology Australia, 2007, 28, 67.	0.1	0
119	Methods for Monitoring Autophagy from Yeast to Human. Autophagy, 2007, 3, 181-206.	4.3	614
120	Atg9 Trafficking in YeastSaccharomyces cerevisiae. Autophagy, 2007, 3, 145-148.	4.3	34
121	Overexpression of Autophagy-Related Genes Inhibits Yeast Filamentous Growth. Autophagy, 2007, 3, 604-609.	4.3	12
122	The Atg5–Atg12 conjugate associates with innate antiviral immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14050-14055.	3.3	517
123	Coronavirus Replication Does Not Require the Autophagy Gene <i>ATG5</i> . Autophagy, 2007, 3, 581-585.	4.3	189
124	Manipulation of Rab GTPase Function by Intracellular Bacterial Pathogens. Microbiology and Molecular Biology Reviews, 2007, 71, 636-652.	2.9	180
125	An Interrelationship Between Autophagy and Filamentous Growth in Budding Yeast. Genetics, 2007, 177, 205-214.	1.2	36
126	Atg27 Is Required for Autophagy-dependent Cycling of Atg9. Molecular Biology of the Cell, 2007, 18, 581-593.	0.9	162
127	The Vacuolar Transporter Chaperone (VTC) Complex Is Required for Microautophagy. Molecular Biology of the Cell, 2007, 18, 166-175.	0.9	105
128	Involvement of a Magnaporthe grisea Serine/Threonine Kinase Gene, MgATG1, in Appressorium Turgor and Pathogenesis. Eukaryotic Cell, 2007, 6, 997-1005.	3.4	249

#	ARTICLE	IF	CITATIONS
129	Linking Selective Vulnerability to Cell Death Mechanisms in Parkinson's Disease. American Journal of Pathology, 2007, 170, 16-19.	1.9	32
130	Proautophagic Drugs: A Novel Means to Combat Apoptosis-Resistant Cancers, with a Special Emphasis on Glioblastomas. Oncologist, 2007, 12, 1395-1403.	1.9	232
131	Induction of Autophagy and Apoptosis by the Extract of Solanum nigrum Linn in HepG2 Cells. Journal of Agricultural and Food Chemistry, 2007, 55, 3620-3628.	2.4	75
132	Cellular proteolytic systems in P450 degradation: evolutionary conservation fromSaccharomycescerevisiaeto mammalian liver. Expert Opinion on Drug Metabolism and Toxicology, 2007, 3, 33-49.	1.5	19
133	Function and Evolution of the Vacuolar Compartment in Green Algae and Land Plants (Viridiplantae). International Review of Cytology, 2007, 264, 1-24.	6.2	49
134	Potential therapeutic applications of autophagy. Nature Reviews Drug Discovery, 2007, 6, 304-312.	21.5	901
135	Increased autophagy in transgenic mice with a G93A mutant SOD1 gene. Brain Research, 2007, 1167, 112-117.	1.1	205
136	Genistein-induced apoptosis and autophagocytosis in ovarian cancer cells. Gynecologic Oncology, 2007, 105, 23-30.	0.6	148
137	Cell death by incompatibility in the fungus Podospora. Seminars in Cancer Biology, 2007, 17, 101-111.	4.3	64
138	Rapamycin is a neuroprotective treatment for traumatic brain injury. Neurobiology of Disease, 2007, 26, 86-93.	2.1	300
139	Cytochemistry of proteolytic activity and pH status of vacuoles in Medicago truncatula root nodules. Russian Journal of Plant Physiology, 2007, 54, 25-31.	0.5	6
140	Lipofuscin. Annals of the New York Academy of Sciences, 2007, 1119, 97-111.	1.8	345
141	Leishmania lysosomal targeting signal is recognized by yeast and not by mammalian cells. Parasitology Research, 2008, 103, 983-988.	0.6	2
142	<i>Wolbachia</i> symbiosis and insect immune response. Insect Science, 2008, 15, 89-100.	1.5	31
143	BAD: undertaker by night, candyman by day. Oncogene, 2008, 27, S53-S70.	2.6	213
144	Cathepsins: Key modulators of cell death and inflammatory responses. Biochemical Pharmacology, 2008, 76, 1374-1382.	2.0	177
145	Autophagic and Apoptotic Cell Death in Amniotic Epithelial Cells. Placenta, 2008, 29, 956-961.	0.7	27
146	Focal cerebral ischemia induces upregulation of Beclin 1 and autophagy-like cell death. Neurobiology of Disease, 2008, 29, 132-141.	2.1	273

#	Article	IF	CITATIONS
147	Chapter 1 Biochemical Methods to Monitor Autophagyâ€Related Processes in Yeast. Methods in Enzymology, 2008, 451, 1-26.	0.4	158
148	Autophagy and endocytosis in the amnion. Journal of Structural Biology, 2008, 162, 197-204.	1.3	24
149	TMEM74, a lysosome and autophagosome protein, regulates autophagy. Biochemical and Biophysical Research Communications, 2008, 369, 622-629.	1.0	50
150	Vitamin D3 Induces Autophagy of Human Myeloid Leukemia Cells. Journal of Biological Chemistry, 2008, 283, 25596-25605.	1.6	111
151	Macroautophagy-dependent, intralysosomal cleavage of a betaine homocysteine methyltransferase fusion protein requires stable multimerization. Autophagy, 2008, 4, 185-194.	4.3	22
152	Localization of autophagy-related proteins in yeast using a versatile plasmid-based resource of fluorescent protein fusions. Autophagy, 2008, 4, 792-800.	4.3	11
153	Autophagy: a target for therapeutic interventions in myocardial pathophysiology. Expert Opinion on Therapeutic Targets, 2008, 12, 1509-1522.	1.5	11
154	Chapter 20 Methods for Functional Analysis of Macroautophagy in Filamentous Fungi. Methods in Enzymology, 2008, 451, 295-310.	0.4	10
155	Autophagy in Invertebrates: Insights Into Development, Regeneration and Body Remodeling. Current Pharmaceutical Design, 2008, 14, 116-125.	0.9	52
156	To Die or Not to Die: That is the Autophagic Question. Current Molecular Medicine, 2008, 8, 78-91.	0.6	253
157	Aggresome Formation and Neurodegenerative Diseases: Therapeutic Implications. Current Medicinal Chemistry, 2008, 15, 47-60.	1.2	193
158	The Atg1 Kinase Complex Is Involved in the Regulation of Protein Recruitment to Initiate Sequestering Vesicle Formation for Nonspecific Autophagy in <i>Saccharomyces cerevisiae </i> . Molecular Biology of the Cell, 2008, 19, 668-681.	0.9	233
159	The role of TOR in autophagy regulation from yeast to plants and mammals. Autophagy, 2008, 4, 851-865.	4.3	348
160	Autophagy in aging and in neurodegenerative disorders. Hormones, 2008, 7, 46-61.	0.9	58
161	Autophagy as an antimicrobial strategy. Expert Review of Anti-Infective Therapy, 2009, 7, 743-752.	2.0	14
162	A novel role for the Drosophila epsin (lqf): Involvement in autophagy. Autophagy, 2009, 5, 636-648.	4.3	17
163	Autophagy is involved in influenza A virus replication. Autophagy, 2009, 5, 321-328.	4.3	229
164	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. Journal of Biological Chemistry, 2009, 284, 20398-20407.	1.6	50

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165	Role of autophagy in the host defense againstToxoplasma gondiiin astrocytes. Autophagy, 2009, 5, 268-269.	4.3	15
166	High-throughput functional screening for autophagy-related genes and identification of <i>TM9SF1 </i> as an autophagosome-inducing gene. Autophagy, 2009, 5, 52-60.	4.3	73
167	Varicella-Zoster Virus Infection Induces Autophagy in both Cultured Cells and Human Skin Vesicles. Journal of Virology, 2009, 83, 5466-5476.	1.5	75
168	An Overview of the Molecular Mechanism of Autophagy. Current Topics in Microbiology and Immunology, 2009, 335, 1-32.	0.7	595
169	Combination treatment with arsenic trioxide and irradiation enhances autophagic effects in U118-MG cells through increased mitotic arrest and regulation of PI3K/Akt and ERK1/2 signaling pathways. Autophagy, 2009, 5, 472-483.	4.3	91
170	Detecting coordinated regulation of multi-protein complexes using logic analysis of gene expression. BMC Systems Biology, 2009, 3, 115.	3.0	15
171	Autophagy in Drosophila melanogaster. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1452-1460.	1.9	96
172	Different cell death pathways induced by drugs in Trypanosoma cruzi: An ultrastructural study. Micron, 2009, 40, 157-168.	1.1	143
173	Programmed Cell Death Pathways and Current Antitumor Targets. Pharmaceutical Research, 2009, 26, 1547-1560.	1.7	129
174	An autophagy gene, MgATG5, is required for cell differentiation and pathogenesis in Magnaporthe oryzae. Current Genetics, 2009, 55, 461-473.	0.8	73
175	Systematic cloning and analysis of autophagy-related genes from the silkworm Bombyx mori. BMC Molecular Biology, 2009, 10, 50.	3.0	51
176	Fungal apoptosis: function, genes and gene function. FEMS Microbiology Reviews, 2009, 33, 833-854.	3.9	167
177	Multiple roles of the cytoskeleton in autophagy. Biological Reviews, 2009, 84, 431-448.	4.7	180
178	Present and potential future adjuvant issues in high-grade astrocytic glioma treatment. Advances and Technical Standards in Neurosurgery, 2009, 34, 3-35.	0.2	65
179	Autophagy in filamentous fungi. Fungal Genetics and Biology, 2009, 46, 1-8.	0.9	160
180	SmATG7 is required for viability in the homothallic ascomycete Sordaria macrospora. Fungal Genetics and Biology, 2009, 46, 531-542.	0.9	30
181	Acetylation Targets Mutant Huntingtin to Autophagosomes for Degradation. Cell, 2009, 137, 60-72.	13.5	367
182	Autophagy: A strategy for malignant gliomas' resistance to therapy. Medical Hypotheses, 2009, 73, 45-47.	0.8	7

#	Article	IF	CITATIONS
183	Aging: Central role for autophagy and the lysosomal degradative system. Ageing Research Reviews, 2009, 8, 199-213.	5.0	216
184	Autophagy induction by trehalose counter-acts cellular prion-infection. Autophagy, 2009, 5, 361-369.	4.3	198
185	Alterations of cellular organelles in human liver-derived hepatoma G2 cells induced by adriamycin. Anti-Cancer Drugs, 2009, 20, 779-786.	0.7	14
186	Naphthoimidazoles promote different death phenotypes in <i>Trypanosoma cruzi</i> . Parasitology, 2009, 136, 499-510.	0.7	72
187	Inhibition of hepatitis C virus replication by chloroquine targeting virus-associated autophagy. Journal of Gastroenterology, 2010, 45, 195-203.	2.3	103
188	Control of autophagy with small molecules. Archives of Pharmacal Research, 2010, 33, 1881-1889.	2.7	12
189	Cell death in mammalian cell culture: molecular mechanisms and cell line engineering strategies. Cytotechnology, 2010, 62, 175-188.	0.7	104
190	Hyperbaric oxygen preconditioning reduces ischemia–reperfusion injury by stimulating autophagy in neurocyte. Brain Research, 2010, 1323, 149-151.	1.1	39
191	The Cvt pathway as a model for selective autophagy. FEBS Letters, 2010, 584, 1359-1366.	1.3	280
192	Antiapoptotic and antiautophagic effects of glial cell lineâ€derived neurotrophic factor and hepatocyte growth factor after transient middle cerebral artery occlusion in rats. Journal of Neuroscience Research, 2010, 88, 2197-2206.	1.3	55
193	Vacuole dynamics in fungi. Fungal Biology Reviews, 2010, 24, 93-105.	1.9	52
194	Structure of autophagy-related protein Atg8 from the silkworm <i>Bombyx mori</i> . Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 787-790.	0.7	28
195	The autophagy genes <i>atg8</i> and <i>atg1</i> affect morphogenesis and pathogenicity in <i>Ustilago maydis</i> . Molecular Plant Pathology, 2010, 11, 463-478.	2.0	68
196	Combining Flow Cytometry and Realâ€Time PCR Methodology to Demonstrate Consumption by <i>Prymnesium parvum</i> ¹ . Journal of the American Water Resources Association, 2010, 46, 133-143.	1.0	10
197	The cysteine protease MoAtg4 interacts with MoAtg8 and is required for differentiation and pathogenesis in <i>Magnaporthe oryzae</i> . Autophagy, 2010, 6, 74-85.	4.3	90
198	The autophagosomal protein LGG-2 acts synergistically with LGG-1 in dauer formation and longevity in <i>C. elegans</i> . Autophagy, 2010, 6, 622-633.	4.3	82
199	The in vitro cleavage of the hAtg proteins by cell death proteases. Autophagy, 2010, 6, 1042-1056.	4.3	182
200	Autophagy and its physiological relevance in arthropods: Current knowledge and perspectives. Autophagy, 2010, 6, 575-588.	4.3	77

#	ARTICLE	IF	CITATIONS
201	Dynein- and activity-dependent retrograde transport of autophagosomes in neuronal axons. Autophagy, 2010, 6, 378-385.	4.3	75
202	GABARAPL1 (GEC1) associates with autophagic vesicles. Autophagy, 2010, 6, 495-505.	4.3	81
203	Zinc in innate and adaptive tumor immunity. Journal of Translational Medicine, 2010, 8, 118.	1.8	129
204	Autophagy and the degradation of mitochondria. Mitochondrion, 2010, 10, 309-315.	1.6	124
205	Signaling mechanisms of apoptosis-like programmed cell death in unicellular eukaryotes. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 155, 341-353.	0.7	23
206	Bfl-1/A1 acts as a negative regulator of autophagy in mycobacteria infected macrophages. International Journal of Biochemistry and Cell Biology, 2011, 43, 573-585.	1.2	34
207	Emerging pathways in asthma: Innate and adaptive interactions. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 1052-1058.	1.1	13
208	Seeing is believing: The impact of electron microscopy on autophagy research. Autophagy, 2011, 7, 935-956.	4.3	246
209	Targeted killing of a mammalian cell based upon its specialized metabolic state. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15828-15833.	3.3	53
210	2-Methoxyestradiol Attenuates Autophagy Activation After Global Ischemia. Canadian Journal of Neurological Sciences, 2011, 38, 631-638.	0.3	58
211	Differential gene expression of HSC70/HSP70 in yellowtail cells in response to chaperone-mediated autophagy. FEBS Journal, 2011, 278, 673-685.	2.2	31
212	Analysis of autophagy in Aspergillus oryzae by disruption of Aoatg13, Aoatg4, and Aoatg15 genes. FEMS Microbiology Letters, 2011, 316, 61-69.	0.7	32
213	Ocular biocompatibility of novel Cyclosporin A formulations based on methoxy poly(ethylene) Tj ETQq0 0 0 rgBT 416, 515-524.	/Overlock 2.6	10 Tf 50 267 69
214	Autophagy is induced by $3\hat{l}^2$ -O-succinyl-lupeol (LD9-4) in A549 cells via up-regulation of Beclin 1 and down-regulation mTOR pathway. European Journal of Pharmacology, 2011, 670, 29-38.	1.7	24
215	Mitochondrial Electron Transport Chain Complex III Is Required for Antimycin A to Inhibit Autophagy. Chemistry and Biology, 2011, 18, 1474-1481.	6.2	73
216	Involvement of members of the Rab family and related small GTPases in autophagosome formation and maturation. Cellular and Molecular Life Sciences, 2011, 68, 3349-3358.	2.4	116
217	Discovery and Biological Activity of 6BrCaQ as an Inhibitor of the Hsp90 Protein Folding Machinery. ChemMedChem, 2011, 6, 804-815.	1.6	40
218	Autophagy inhibition cooperates with erlotinib to induce glioblastoma cell death. Cancer Biology and Therapy, 2011, 11, 1017-1027.	1.5	64

#	Article	IF	CITATIONS
219	Bidirectional regulation between TORC1 and autophagy in <i>Saccharomyces cerevisiae</i> . Autophagy, 2011, 7, 854-862.	4.3	22
220	High-Throughput Fluorescence Assay for Small-Molecule Inhibitors of Autophagins/Atg4. Journal of Biomolecular Screening, 2011, 16, 174-182.	2.6	57
221	Oxidative Stress and Programmed Cell Death in Yeast. Frontiers in Oncology, 2012, 2, 64.	1.3	225
222	Induction of autophagy in ESCRT mutants is an adaptive response for cell survival in <i>C. elegans</i> Journal of Cell Science, 2012, 125, 685-694.	1.2	50
223	Need an ESCRT for autophagosomal maturation?. Communicative and Integrative Biology, 2012, 5, 566-571.	0.6	20
224	Induction of autophagy is essential for monocyte-macrophage differentiation. Blood, 2012, 119, 2895-2905.	0.6	247
225	Rapamycin Promotes Autophagy and Reduces Neural Tissue Damage and Locomotor Impairment after Spinal Cord Injury in Mice. Journal of Neurotrauma, 2012, 29, 946-956.	1.7	170
226	Fibroblasts from longâ€lived mutant mice exhibit increased autophagy and lower TOR activity after nutrient deprivation or oxidative stress. Aging Cell, 2012, 11, 668-674.	3.0	45
227	Nonâ€classical membrane trafficking processes galore. Journal of Cellular Physiology, 2012, 227, 3722-3730.	2.0	47
228	A novel triazolic naphthofuranquinone induces autophagy in reservosomes and impairment of mitosis in <i>Trypanosoma cruzi</i> . Parasitology, 2012, 139, 26-36.	0.7	48
229	Assessment of Autophagosome Formation by Transmission Electron Microscopy. Methods in Molecular Biology, 2012, 835, 481-489.	0.4	16
230	Macroautophagy deficiency mediates age-dependent neurodegeneration through a phospho-tau pathway. Molecular Neurodegeneration, 2012, 7, 48.	4.4	150
231	Parkinson's Disease: Leucine-Rich Repeat Kinase 2 and Autophagy, Intimate Enemies. Parkinson's Disease, 2012, 2012, 1-9.	0.6	6
232	Tetrahydrocurcumin Ameliorates Homocysteinylated Cytochrome-c Mediated Autophagy in Hyperhomocysteinemia Mice after Cerebral Ischemia. Journal of Molecular Neuroscience, 2012, 47, 128-138.	1.1	64
233	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. Insect Molecular Biology, 2012, 21, 473-487.	1.0	38
234	Electron <scp>I</scp> omography <scp>R</scp> eveals <scp>R</scp> ab6 <scp>I</scp> s <scp>E</scp> sential to the <scp>T</scp> rafficking of <i>trans</i> è <scp>C</scp> olgi <scp>C</scp> esicles and the <scp>N</scp> aintenance of <scp>G</scp> olgi <scp>N</scp> isternal <scp>N</scp> umber. Traffic, 2012,	1.3	86
235	Rapamycin Induces Apoptosis When Autophagy is Inhibited in T-47D Mammary Cells and Both Processes are Regulated by Phlda1. Cell Biochemistry and Biophysics, 2013, 66, 567-587.	0.9	16
236	Rosiglitazone protects against palmitate-induced pancreatic beta-cell death by activation of autophagy via 5′-AMP-activated protein kinase modulation. Endocrine, 2013, 44, 87-98.	1.1	58

#	Article	IF	CITATIONS
237	A novel protoapigenone analog RY10-4 induces breast cancer MCF-7 cell death through autophagy via the Akt/mTOR pathway. Toxicology and Applied Pharmacology, 2013, 270, 122-128.	1.3	23
238	Rapamycin reduces burn wound progression by enhancing autophagy in deep secondâ€degree burn in rats. Wound Repair and Regeneration, 2013, 21, 852-859.	1.5	37
239	Role of autophagy in prion protein-induced neurodegenerative diseases. Acta Biochimica Et Biophysica Sinica, 2013, 45, 494-502.	0.9	44
240	Visualization and quantitation of abundant macroautophagy in virus-infected cells by confocal three-dimensional fluorescence imaging. Journal of Virological Methods, 2013, 193, 244-250.	1.0	19
241	bZIP transcription factor SmJLB1 regulates autophagy-related genes Smatg8 and Smatg4 and is required for fruiting-body development and vegetative growth in Sordaria macrospora. Fungal Genetics and Biology, 2013, 61, 50-60.	0.9	23
242	Functional Analysis of Autophagy Genes via Agrobacterium-Mediated Transformation in the Vascular Wilt Fungus Verticillium dahliae. Journal of Genetics and Genomics, 2013, 40, 421-431.	1.7	64
243	Oxidative stress, neurodegeneration, and the balance of protein degradation and protein synthesis. Free Radical Biology and Medicine, 2013 , 62 , $170-185$.	1.3	296
244	Probiotic Lactobacillus rhamnosus GG mono-association suppresses human rotavirus-induced autophagy in the gnotobiotic piglet intestine. Gut Pathogens, 2013, 5, 22.	1.6	31
245	Effects of a marine serine protease inhibitor on viability and morphology of Trypanosoma cruzi, the agent of Chagas disease. Acta Tropica, 2013, 128, 27-35.	0.9	20
246	Autophagy maturation associated with <scp>CD</scp> 38â€mediated regulation of lysosome function in mouse glomerular podocytes. Journal of Cellular and Molecular Medicine, 2013, 17, 1598-1607.	1.6	31
247	Location and membrane sources for autophagosome formation – from ER-mitochondria contact sites to Golgi-endosome-derived carriers. Molecular Membrane Biology, 2013, 30, 394-402.	2.0	49
248	The LRRK2 G2019S mutant exacerbates basal autophagy through activation of the MEK/ERK pathway. Cellular and Molecular Life Sciences, 2013, 70, 121-136.	2.4	148
249	Role of Macrophage Polarization in Tumor Angiogenesis and Vessel Normalization. International Review of Cell and Molecular Biology, 2013, 301, 1-35.	1.6	89
250	Autophagy genes <i><i>Smatg8</i>Smatg4</i> <ii>Smatg4</ii>	4.3	58
251	Cannabisin B induces autophagic cell death by inhibiting the AKT/mTOR pathway and S phase cell cycle arrest in HepG2 cells. Food Chemistry, 2013, 138, 1034-1041.	4.2	47
252	Highly purified, multi-wall carbon nanotubes induce light-chain 3B expression in human lung cells. Biochemical and Biophysical Research Communications, 2013, 440, 348-353.	1.0	21
253	Decreased expression of light chain 3 (LC3) increased the risk of distant metastasis in triple-negative breast cancer. Medical Oncology, 2013, 30, 468.	1.2	10
254	Control of Autophagic Cell Death by Caspase-10 in Multiple Myeloma. Cancer Cell, 2013, 23, 435-449.	7.7	195

#	Article	IF	CITATIONS
255	Multiple interacting cell death mechanisms in the mediation of excitotoxicity and ischemic brain damage: A challenge for neuroprotection. Progress in Neurobiology, 2013, 105, 24-48.	2.8	181
256	Molecular Machinery and Genetics of the Autophagy Pathway. , 2013, , 11-30.		1
257	Chloroquine blocks the autophagic process in cisplatin-resistant osteosarcoma cells by regulating the expression of p62/SQSTM1. International Journal of Molecular Medicine, 2013, 32, 448-456.	1.8	27
258	Sirtuins' modulation of autophagy. Journal of Cellular Physiology, 2013, 228, 2262-2270.	2.0	177
259	Regulation of autophagy in rat hepatocytes treated <i>in vitro</i> with low concentration of mercury. Toxicological and Environmental Chemistry, 2013, 95, 504-504.	0.6	7
260	Ghrelin induces apoptosis in colon adenocarcinoma cells via proteasome inhibition and autophagy induction. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 1188-1200.	2.2	42
261	Bioenergetic and autophagic control by Sirt3Âin response to nutrient deprivation in mouse embryonic fibroblasts. Biochemical Journal, 2013, 454, 249-257.	1.7	64
262	PSF Knockdown Enhances Apoptosis via Downregulation of LC3B in Human Colon Cancer Cells. BioMed Research International, 2013, 2013, 1-8.	0.9	11
263	Roles of autophagy-related genes Beclin-1 and LC3 in the development and progression of prostate cancer and benign prostatic hyperplasia. Biomedical Reports, 2013, 1, 855-860.	0.9	54
264	An Atg10-like E2 enzyme is essential for cell cycle progression but not autophagy in <i>Schizosaccharomyces pombe</i>). Cell Cycle, 2013, 12, 271-277.	1.3	8
265	Alternative Pre-mRNA Splicing, Cell Death, and Cancer. Cancer Treatment and Research, 2013, 158, 181-212.	0.2	8
266	Pathological Ventricular Remodeling. Circulation, 2013, 128, 388-400.	1.6	607
267	Bovine herpesvirus type 4 infection modulates autophagy in a permissive cell line. Journal of Cellular Biochemistry, 2013, 114, 1529-1535.	1.2	10
268	Cigarette Smoke Exposure Elicits Increased Autophagy and Dysregulation of Mitochondrial Dynamics in Murine Granulosa Cells1. Biology of Reproduction, 2013, 88, 63.	1.2	75
269	Time Flies: Autophagy During Ageing in Drosophila. , 0, , .		1
270	Increased Neuronal Injury in Clock Gene Per-1 Deficient-Mice after Cerebral Ischemia. Current Neurovascular Research, 2013, 10, 112-125.	0.4	29
271	Haploinsufficiency of the Sec7 Guanine Nucleotide Exchange Factor Gea1 Impairs Septation in Fission Yeast. PLoS ONE, 2013, 8, e56807.	1.1	2
272	Blood-Brain Barrier Alterations Provide Evidence of Subacute Diaschisis in an Ischemic Stroke Rat Model. PLoS ONE, 2013, 8, e63553.	1.1	53

#	Article	IF	CITATIONS
273	The Scavenger Protein Apoptosis Inhibitor of Macrophages (AIM) Potentiates the Antimicrobial Response against Mycobacterium tuberculosis by Enhancing Autophagy. PLoS ONE, 2013, 8, e79670.	1.1	44
274	Maintenance of Mitochondrial Morphology by Autophagy and Its Role in High Glucose Effects on Chronological Lifespan of <i>Saccharomyces cerevisiae </i> Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-13.	1.9	14
276	Nutrient deprivation induces α-synuclein aggregation through endoplasmic reticulum stress response and SREBP2 pathway. Frontiers in Aging Neuroscience, 2014, 6, 268.	1.7	30
277	Region-specific changes in the immunoreactivity of Atg9A in the central nervous system of SOD1(G93A) transgenic mice. Anatomy and Cell Biology, 2014, 47, 101.	0.5	2
279	Interactions Between Endosomal Maturation and Autophagy. Methods in Enzymology, 2014, 534, 93-118.	0.4	5
281	The evidence and the possible significance of autophagy in degeneration model of human cervical end-plate cartilage. Experimental and Therapeutic Medicine, 2014, 7, 537-542.	0.8	10
282	Functional analysis of a novel glioma antigen, EFTUD1. Neuro-Oncology, 2014, 16, 1618-1629.	0.6	10
283	MYC regulates the unfolded protein response and glucose and glutamine uptake in endocrine resistant breast cancer. Molecular Cancer, 2014, 13, 239.	7.9	74
284	The proteolytic landscape of the yeast vacuole. Cellular Logistics, 2014, 4, e28023.	0.9	85
285	WetA Is Required for Conidiogenesis and Conidium Maturation in the Ascomycete Fungus Fusarium graminearum. Eukaryotic Cell, 2014, 13, 87-98.	3.4	78
286	High Autophagy in the Naked Mole Rat may Play a Significant Role in Maintaining Good Health. Cellular Physiology and Biochemistry, 2014, 33, 321-332.	1.1	52
287	Interplay between autophagy and apoptosis in pancreatic tumors in response to gemcitabine. Targeted Oncology, 2014, 9, 123-134.	1.7	36
288	The Effect of Autophagy in the Process of Adipose-Derived Stromal Cells Differentiation into Astrocytes. Journal of Molecular Neuroscience, 2014, 53, 608-616.	1.1	6
289	Autophagy and hippocampal neuronal injury. Sleep and Breathing, 2014, 18, 243-249.	0.9	20
290	Molecular Processes that Drive Cigarette Smoke–Induced Epithelial Cell Fate of the Lung. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 471-482.	1.4	88
291	Autophagy is a key feature in the pathogenesis of systemic sclerosis. Rheumatology International, 2014, 34, 435-439.	1.5	17
292	Compromised blood–brain barrier competence in remote brain areas in ischemic stroke rats at the chronic stage. Journal of Comparative Neurology, 2014, 522, 3120-3137.	0.9	51
293	Role of autophagy and its significance in cellular homeostasis. Applied Microbiology and Biotechnology, 2014, 98, 5319-5328.	1.7	35

#	Article	IF	CITATIONS
294	<i>B</i> √i>vi>human macrophages. Cellular Microbiology, 2014, 16, 378-395.	1.1	35
295	A mathematical model of cell population dynamics with autophagy response to starvation. Mathematical Biosciences, 2014, 258, 1-10.	0.9	8
296	Caffeine promotes autophagy in skeletal muscle cells by increasing the calcium-dependent activation of AMP-activated protein kinase. Biochemical and Biophysical Research Communications, 2014, 453, 411-418.	1.0	36
297	Toxic Metals and Autophagy. Chemical Research in Toxicology, 2014, 27, 1887-1900.	1.7	97
298	Defective autophagosome trafficking contributes to impaired autophagic flux in coronary arterial myocytes lacking CD38 gene. Cardiovascular Research, 2014, 102, 68-78.	1.8	53
299	Galangin suppresses HepG2 cell proliferation by activating the TGF- \hat{l}^2 receptor/Smad pathway. Toxicology, 2014, 326, 9-17.	2.0	44
300	Role of Autophagy and Apoptosis in Wound Tissue of Deep Secondâ€degree Burn in Rats. Academic Emergency Medicine, 2014, 21, 383-391.	0.8	44
301	The C.Âelegans LC3 Acts Downstream of GABARAP to Degrade Autophagosomes by Interacting with the HOPS Subunit VPS39. Developmental Cell, 2014, 28, 43-55.	3.1	126
302	Autophagic kinases SmVPS34 and SmVPS15 are required for viability in the filamentous ascomycete Sordaria macrospora. Microbiological Research, 2014, 169, 128-138.	2.5	12
303	The interplay between mitochondria and autophagy and its role in the aging process. Experimental Gerontology, 2014, 56, 147-153.	1.2	54
304	Vacuoles in Filamentous Fungi. , 2014, , 179-190.		5
305	Enhancement of dyneinâ€mediated autophagosome trafficking and autophagy maturation by <scp>ROS</scp> in mouse coronary arterial myocytes. Journal of Cellular and Molecular Medicine, 2014, 18, 2165-2175.	1.6	35
306	Silencing of Barkor/ATG14 sensitizes osteosarcoma cells to cisplatin-induced apoptosis. International Journal of Molecular Medicine, 2014, 33, 271-276.	1.8	27
307	Cellular maintenance processes that potentially underpin the survival of subseafloor fungi over geological timescales. Estuarine, Coastal and Shelf Science, 2015, 164, A1-A9.	0.9	17
308	The Role of Transglutaminase Type 2 in the Regulation of Autophagy. , 2015, , 171-191.		0
309	Molecular and genomic characterization of pathogenic traits of group A <i>Streptococcus pyogenes</i> . Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2015, 91, 539-559.	1.6	22
310	Inhibition of caspase-9 by oridonin, a diterpenoid isolated from Rabdosia rubescens, augments apoptosis in human laryngeal cancer cells. International Journal of Oncology, 2015, 47, 2045-2056.	1.4	33
311	Autophagy - Adaptive Molecular Mechanisms in Condition of Starvation. Polish Hyperbaric Research, 2015, 52, 71-73.	0.1	2

#	Article	IF	CITATIONS
312	Dehydroandrographolide, an iNOS inhibitor, extracted from <i>Andrographis paniculata </i> (Burm.f.) Nees, induces autophagy in human oral cancer cells. Oncotarget, 2015, 6, 30831-30849.	0.8	31
313	Lethality of PAK3 and SGK2 shRNAs to Human Papillomavirus Positive Cervical Cancer Cells Is Independent of PAK3 and SGK2 Knockdown. PLoS ONE, 2015, 10, e0117357.	1.1	6
316	Study of Cellular Processes in Higher Eukaryotes Using the Yeast Schizosaccharomyces pombe as a Model. , 2015 , , .		5
317	Yeast nitrogen utilization in the phyllosphere during plant lifespan under regulation of autophagy. Scientific Reports, 2015, 5, 9719.	1.6	17
318	Transglutaminases., 2015,,.		10
319	Revisiting Cerebral Postischemic Reperfusion Injury: New Insights in Understanding Reperfusion Failure, Hemorrhage, and Edema. International Journal of Stroke, 2015, 10, 143-152.	2.9	204
320	Autophagy Attenuates Noise-Induced Hearing Loss by Reducing Oxidative Stress. Antioxidants and Redox Signaling, 2015, 22, 1308-1324.	2.5	127
321	The Role of Autophagy as a Mechanism of Toxicity Induced by Multi-Walled Carbon Nanotubes in Human Lung Cells. International Journal of Molecular Sciences, 2015, 16, 40-48.	1.8	21
322	Knockdown of autophagy-related gene LC3 enhances the sensitivity of HepG2 cells to epirubicin. Experimental and Therapeutic Medicine, 2015, 9, 1271-1276.	0.8	18
323	Regulation of basal autophagy by transient receptor potential melastatin 7 (TRPM7) channel. Biochemical and Biophysical Research Communications, 2015, 463, 7-12.	1.0	19
324	Metallothioneins and heat shock proteins 70 in Armadillidium vulgare (Isopoda, Oniscidea) exposed to cadmium and lead. Ecotoxicology and Environmental Safety, 2015, 116, 99-106.	2.9	21
325	The Nucleus-Vacuole Junction in Saccharomyces cerevisiae. , 2015, , 69-77.		1
326	Control of Autophagy in Parkinson's Disease. Current Topics in Neurotoxicity, 2015, , 91-122.	0.4	1
328	Repertoires of Autophagy in the Pathogenesis of Ocular Diseases. Cellular Physiology and Biochemistry, 2015, 35, 1663-1676.	1.1	11,181
329	Elucidating the composition and conservation of the autophagy pathway in photosynthetic eukaryotes. Autophagy, 2015, 11, 701-715.	4.3	79
330	Rapamycin increases neuronal survival, reduces inflammation and astrocyte proliferation after spinal cord injury. Molecular and Cellular Neurosciences, 2015, 68, 82-91.	1.0	120
331	Duration-dependent regulation of autophagy by isoflurane exposure in aged rats. Neuroscience Bulletin, 2015, 31, 505-513.	1.5	15
332	cCMP causes caspase-dependent apoptosis in mouse lymphoma cell lines. Biochemical Pharmacology, 2015, 98, 119-131.	2.0	16

#	Article	IF	CITATIONS
333	Silver nanoparticles impede phorbol myristate acetate-induced monocyte–macrophage differentiation and autophagy. Nanoscale, 2015, 7, 16100-16109.	2.8	61
334	Autophagy protein 12 plays an essential role in Acanthamoeba encystation. Experimental Parasitology, 2015, 159, 46-52.	0.5	23
335	Assays for the biochemical and ultrastructural measurement of selective and nonselective types of autophagy in the yeast Saccharomyces cerevisiae. Methods, 2015, 75, 141-150.	1.9	38
337	Regulation of dynein-mediated autophagosomes trafficking by ASM in CASMCs. Frontiers in Bioscience - Landmark, 2016, 21, 696-706.	3.0	8
338	Production of Palmitoleic and Linoleic Acid in Oleaginous and Nonoleaginous Yeast Biomass. International Journal of Analytical Chemistry, 2016, 2016, 1-9.	0.4	30
339	The Mucosal Immune System and Its Regulation by Autophagy. Frontiers in Immunology, 2016, 7, 240.	2.2	75
340	Effects of 1, 25-Dihydroxyvitamin D3 on Experimental Autoimmune Myocarditis in Mice. Cellular Physiology and Biochemistry, 2016, 38, 2219-2229.	1.1	18
341	The Evolving, Multifaceted Roles of Autophagy in Cancer. Advances in Cancer Research, 2016, 130, 1-53.	1.9	52
342	IL15 promotes growth and invasion of endometrial stromal cells and inhibits killing activity of NK cells in endometriosis. Reproduction, 2016, 152, 151-160.	1.1	64
343	Autophagy in Chronic Kidney Diseases. Kidney Diseases (Basel, Switzerland), 2016, 2, 37-45.	1.2	38
345	Biochemical and molecular changes induced by salinity stress in Oryza sativa L Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	15
346	Blood-Spinal Cord Barrier Alterations in Subacute and Chronic Stages of a Rat Model of Focal Cerebral Ischemia. Journal of Neuropathology and Experimental Neurology, 2016, 75, 673-688.	0.9	20
347	Current concepts on burn wound conversion—A review of recent advances in understanding the secondary progressions of burns. Burns, 2016, 42, 1025-1035.	1.1	84
348	EMC6/TMEM93 suppresses glioblastoma proliferation by modulating autophagy. Cell Death and Disease, 2016, 7, e2043-e2043.	2.7	37
349	Shengmai injection attenuates the cerebral ischemia/reperfusion induced autophagy via modulation of the AMPK, mTOR and JNK pathways. Pharmaceutical Biology, 2016, 54, 2288-2297.	1.3	28
350	Differing susceptibility to autophagic degradation of two LC3-binding proteins: SQSTM1/p62 and TBC1D25/OATL1. Autophagy, 2016, 12, 312-326.	4.3	23
351	Sequential steps of macroautophagy and chaperone-mediated autophagy are involved in the irreversible process of posterior silk gland histolysis during metamorphosis of <i>Bombyx mori</i> Journal of Experimental Biology, 2016, 219, 1146-53.	0.8	9
352	Mito-Morphosis: Mitochondrial Fusion, Fission, and Cristae Remodeling as Key Mediators of Cellular Function. Annual Review of Physiology, 2016, 78, 505-531.	5.6	554

#	Article	IF	CITATIONS
353	Autophagy in response to environmental stresses: New monitoring perspectives. Ecological Indicators, 2016, 60, 453-459.	2.6	11
354	Inhibition of Survival Pathways MAPK and NF-kB Triggers Apoptosis in Pancreatic Ductal Adenocarcinoma Cells via Suppression of Autophagy. Targeted Oncology, 2016, 11, 183-195.	1.7	59
355	Axonal Accumulation of Lysosomal-Associated Membrane Protein 1 (LAMP1) Accompanying Alterations of Autophagy Dynamics in the Rat Hippocampus Upon Seizure-Induced Injury. Neurochemical Research, 2016, 41, 53-63.	1.6	12
356	Autophagy in granular corneal dystrophy type 2. Experimental Eye Research, 2016, 144, 14-21.	1.2	13
357	The autophagyâ€related gene <i>BcATG1</i> is involved in fungal development and pathogenesis in <i>Botrytis cinerea</i> . Molecular Plant Pathology, 2017, 18, 238-248.	2.0	56
358	Effects of Estrogen and Phytoestrogen Treatment on an In Vitro Model of Recurrent Stroke on HT22 Neuronal Cell Line. Cellular and Molecular Neurobiology, 2017, 37, 405-416.	1.7	20
359	Netrin-1 Improves Functional Recovery through Autophagy Regulation by Activating the AMPK/mTOR Signaling Pathway in Rats with Spinal Cord Injury. Scientific Reports, 2017, 7, 42288.	1.6	40
360	EVA1A inhibits GBM cell proliferation by inducing autophagy and apoptosis. Experimental Cell Research, 2017, 352, 130-138.	1.2	27
361	Biochemical Methods to Monitor Autophagic Responses in Plants. Methods in Enzymology, 2017, 588, 497-513.	0.4	11
362	cCMP and cUMP in Apoptosis: Concepts and Methods. Handbook of Experimental Pharmacology, 2017, 238, 25-47.	0.9	7
363	Pheophorbide a , a compound isolated from the leaves of Arrabidaea chica , induces photodynamic inactivation of Trypanosoma cruzi. Photodiagnosis and Photodynamic Therapy, 2017, 19, 256-265.	1.3	29
364	HMGCS2 promotes autophagic degradation of the amyloid- \hat{l}^2 precursor protein through ketone body-mediated mechanisms. Biochemical and Biophysical Research Communications, 2017, 486, 492-498.	1.0	25
365	NAADPâ€mediated Ca ²⁺ signaling promotes autophagy and protects against LPSâ€induced liver injury. FASEB Journal, 2017, 31, 3126-3137.	0.2	33
366	Roles of p62 in <scp>BDNF</scp> â€dependent autophagy suppression and neuroprotection against mitochondrial dysfunction in rat cortical neurons. Journal of Neurochemistry, 2017, 140, 845-861.	2.1	37
367	Rapamycin-induced autophagy restricts porcine epidemic diarrhea virus infectivity in porcine intestinal epithelial cells. Antiviral Research, 2017, 146, 86-95.	1.9	50
368	Functional analysis of the selective autophagy related gene Acatg11 in Acremonium chrysogenum. Fungal Genetics and Biology, 2017, 107, 67-76.	0.9	13
369	Promoter Variant Alters Expression of the Autophagic BECN1 Gene: Implications for Clinical Manifestations of Machado-Joseph Disease. Cerebellum, 2017, 16, 957-963.	1.4	15
370	Ultrastructural and physiological changes induced by different stress conditions on the human parasite Trypanosoma cruzi. Cell Stress and Chaperones, 2017, 22, 15-27.	1.2	10

#	Article	IF	CITATIONS
371	Autophagy-related protein 12 associates with anti-apoptotic B cell lymphoma-2 to promote apoptosis in gentamicin-induced inner ear hair cell loss. Molecular Medicine Reports, 2017, 15, 3819-3825.	1.1	3
372	Autophagy Dysregulation in ALS: When Protein Aggregates Get Out of Hand. Frontiers in Molecular Neuroscience, 2017, 10, 263.	1.4	123
373	5-FU resistant EMT-like pancreatic cancer cells are hypersensitive to photochemical internalization of the novel endoglin-targeting immunotoxin CD105-saporin. Journal of Experimental and Clinical Cancer Research, 2017, 36, 187.	3.5	17
374	Expression Profiling of Autophagy Genes BxATG1 and BxATG8 under Biotic and Abiotic Stresses in Pine Wood Nematode Bursaphelenchus xylophilus. International Journal of Molecular Sciences, 2017, 18, 2639.	1.8	5
375	The Hippocampal Autophagic Machinery is Depressed in the Absence of the Circadian Clock Protein PER1 that may Lead to Vulnerability During Cerebral Ischemia. Current Neurovascular Research, 2017, 14, 207-214.	0.4	24
376	Nonsense-mediated mRNA decay at the crossroads of many cellular pathways. BMB Reports, 2017, 50, 175-185.	1.1	55
377	Mitochondria Restrict Growth of the Intracellular Parasite Toxoplasma gondii by Limiting Its Uptake of Fatty Acids. Cell Metabolism, 2018, 27, 886-897.e4.	7.2	86
378	Resveratrol Potently Counteracts Quercetin Starvationâ€Induced Autophagy and Sensitizes HepG2 Cancer Cells to Apoptosis. Molecular Nutrition and Food Research, 2018, 62, 1700610.	1.5	30
379	Hyperthermia enhances radiosensitivity of colorectal cancer cells through ROS inducing autophagic cell death. Journal of Cellular Biochemistry, 2018, 119, 3763-3774.	1.2	13
380	The role of the p38-activated protein kinase signaling pathway-mediated autophagy in cadmium-exposed monogonont rotifer Brachious koreanus. Aquatic Toxicology, 2018, 194, 46-56.	1.9	20
381	Autophagy impairment by caspaseâ€1â€dependent inflammation mediates memory loss in response to βâ€Amyloid peptide accumulation. Journal of Neuroscience Research, 2018, 96, 234-246.	1.3	30
382	p62/SQSTM1 – steering the cell through health and disease. Journal of Cell Science, 2018, 131, .	1.2	214
383	Cell Injury and Necrosis., 2018,, 404-453.		2
384	The Fly Way of Antiviral Resistance and Disease Tolerance. Advances in Immunology, 2018, 140, 59-93.	1.1	8
385	Aglycone Polyether Nanchangmycin and Its Homologues Exhibit Apoptotic and Antiproliferative Activities against Cancer Stem Cells. ACS Pharmacology and Translational Science, 2018, 1, 84-95.	2.5	10
386	TrypanocidalActivity of Natural Sesquiterpenoids Involves Mitochondrial Dysfunction, ROS Production and Autophagic Phenotype in Trypanosomacruzi. Molecules, 2018, 23, 2800.	1.7	21
387	Interplay Between the Autophagy-Lysosomal Pathway and the Ubiquitin-Proteasome System: A Target for Therapeutic Development in Alzheimer's Disease. Frontiers in Cellular Neuroscience, 2018, 12, 126.	1.8	62
388	Autophagy in Human Health and Disease: Novel Therapeutic Opportunities. Antioxidants and Redox Signaling, 2019, 30, 577-634.	2.5	96

#	Article	IF	CITATIONS
389	Reduction of Autophagic Accumulation in Pompe Disease Mouse Model Following Gene Therapy. Current Gene Therapy, 2019, 19, 197-207.	0.9	16
390	The suppressed autophagy induced by carbon disulfide could be rescued by N-carbamoyl glutamate during the window of embryo implantation in mice. Chemico-Biological Interactions, 2019, 312, 108751.	1.7	3
391	Small molecules re-establish neural cell fate of human fibroblasts via autophagy activation. In Vitro Cellular and Developmental Biology - Animal, 2019, 55, 622-632.	0.7	5
392	Curcumin and Solid Lipid Curcumin Particles Induce Autophagy, but Inhibit Mitophagy and the PI3K-Akt/mTOR Pathway in Cultured Glioblastoma Cells. International Journal of Molecular Sciences, 2019, 20, 399.	1.8	71
393	A curcumin derivative, WZ35, suppresses hepatocellular cancer cell growth <i>via</i> downregulating YAP-mediated autophagy. Food and Function, 2019, 10, 3748-3757.	2.1	22
394	Crohn's Disease: Potential Drugs for Modulation of Autophagy. Medicina (Lithuania), 2019, 55, 224.	0.8	8
395	Autophagy is essential for oligodendrocyte differentiation, survival, and proper myelination. Glia, 2019, 67, 1745-1759.	2.5	72
396	Transcriptomic Response to Feeding and Starvation in a Herbivorous Dinoflagellate. Frontiers in Marine Science, 2019, 6, .	1.2	7
397	Autophagy plays an essential role in bone homeostasis. Journal of Cellular Physiology, 2019, 234, 12105-12115.	2.0	36
398	Melatoninâ€mediated regulation of autophagy: Making sense of doubleâ€edged sword in cancer. Journal of Cellular Physiology, 2019, 234, 17011-17022.	2.0	16
399	Acetylation of BmAtg8 inhibits starvation-induced autophagy initiation. Molecular and Cellular Biochemistry, 2019, 457, 73-81.	1.4	11
400	Exogenous Netrin-1 Inhibits Autophagy of Ischemic Brain Tissues and Hypoxic Neurons via PI3K/mTOR Pathway in Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1338-1345.	0.7	24
401	Histone acetyltransferase MoHat1 acetylates autophagy-related proteins MoAtg3 and MoAtg9 to orchestrate functional appressorium formation and pathogenicity in <i>Magnaporthe oryzae</i> Autophagy, 2019, 15, 1234-1257.	4.3	69
402	Role of Autophagy Biomarkers In Burn-Age Estimation and Progression. Academic Forensic Pathology, 2019, 9, 163-171.	0.3	1
403	Virusâ€induced autophagic degradation of <scp>STAT</scp> 2 as a mechanism for interferon signaling blockade. EMBO Reports, 2019, 20, e48766.	2.0	27
404	Unresolved issues in left ventricular postischemic remodeling and progression to heart failure. Journal of Cardiovascular Medicine, 2019, 20, 640-649.	0.6	21
405	Blockade of receptor for advanced glycation end products promotes oligodendrocyte autophagy in spinal cord injury. Neuroscience Letters, 2019, 698, 198-203.	1.0	3
406	DeepPhagy: a deep learning framework for quantitatively measuring autophagy activity in <i>Saccharomyces cerevisiae</i> . Autophagy, 2020, 16, 626-640.	4.3	18

#	Article	IF	CITATIONS
407	RANKL triggers resistance to TRAILâ€induced cell death in oral squamous cell carcinoma. Journal of Cellular Physiology, 2020, 235, 1663-1673.	2.0	6
408	An Update on Autophagy in Prion Diseases. Frontiers in Bioengineering and Biotechnology, 2020, 8, 975.	2.0	14
409	Cr (VI) induced mitophagy via the interaction of HMGA2 and PARK2. Toxicology Letters, 2020, 333, 261-268.	0.4	6
410	Role of autophagy in nerve cell apoptosis in mice infected with street rabies virus. Archives of Virology, 2020, 165, 2857-2867.	0.9	3
411	The Autophagy-Related Gene Aolatg4 Regulates Hyphal Growth, Sporulation, Autophagosome Formation, and Pathogenicity in Arthrobotrys oligospora. Frontiers in Microbiology, 2020, 11, 592524.	1.5	14
412	Autophagy-related gene expression classification defines three molecular subtypes with distinct clinical and microenvironment cell infiltration characteristics in colon cancer. International Immunopharmacology, 2020, 87, 106757.	1.7	14
413	Cell death in culture: Molecular mechanisms, detections, and inhibition strategies. Journal of Industrial and Engineering Chemistry, 2020, 91, 37-53.	2.9	8
414	A pan-cancer assessment of alterations of the kinase domain of ULK1, an upstream regulator of autophagy. Scientific Reports, 2020, 10, 14874.	1.6	18
415	Stem Cell Repair of the Microvascular Damage in Stroke. Cells, 2020, 9, 2075.	1.8	12
416	Deficiency of the oxidative stress–responsive kinase p70S6K1 restores autophagy and ameliorates neural tube defects in diabetic embryopathy. American Journal of Obstetrics and Gynecology, 2020, 223, 753.e1-753.e14.	0.7	13
417	TM7SF1, an important autophagy regulatory protein in mouse podocytes. Biochemical and Biophysical Research Communications, 2020, 528, 213-219.	1.0	6
418	Autophagy: A Potential Therapeutic Target of Polyphenols in Hepatocellular Carcinoma. Cancers, 2020, 12, 562.	1.7	56
419	Chondro-protective effects of celastrol on osteoarthritis through autophagy activation and NF-l ^o B signaling pathway inhibition. Inflammation Research, 2020, 69, 385-400.	1.6	28
420	Lowâ€dose caffeine administration increases fatty acid utilization and mitochondrial turnover in C2C12 skeletal myotubes. Physiological Reports, 2020, 8, e14340.	0.7	9
421	Marine Drugs Acting as Autophagy Modulators. Marine Drugs, 2020, 18, 53.	2.2	3
422	Genomic Characterization and Expressional Profiles of Autophagy-Related Genes (ATGs) in Oilseed Crop Castor Bean (Ricinus communis L.). International Journal of Molecular Sciences, 2020, 21, 562.	1.8	11
423	Intra- and Intercellular Silver Nanoparticle Translocation and Transformation in Oyster Gill Filaments: Coupling Nanoscale Secondary Ion Mass Spectrometry and Dual Stable Isotope Tracing Study. Environmental Science & Echnology, 2021, 55, 433-446.	4.6	29
424	Advances in Genetic Engineering Technology and Its Application in the Industrial Fungus Aspergillus oryzae. Frontiers in Microbiology, 2021, 12, 644404.	1.5	41

#	Article	IF	CITATIONS
425	Modulation of Autophagy Through Regulation of 5'-AMP-Activated Protein Kinase Affects Mitophagy and Mitochondrial Function in Primary Human Trophoblasts. Reproductive Sciences, 2021, 28, 2314-2322.	1.1	2
426	Functional Analysis of Autophagy-Related Gene ATG12 in Potato Dry Rot Fungus Fusarium oxysporum. International Journal of Molecular Sciences, 2021, 22, 4932.	1.8	1
427	Lysosome Function in Cardiovascular Diseases. Cellular Physiology and Biochemistry, 2021, 55, 277-300.	1.1	7
428	Phosphoregulation of the autophagy machinery by kinases and phosphatases. Autophagy, 2022, 18, 104-123.	4.3	33
429	Imidazoles and Oxazoles from Lapachones and Phenanthreneâ€9,10â€dione: A Journey through their Synthesis, Biological Studies, and Optical Applications. Chemical Record, 2021, 21, 2702-2738.	2.9	13
430	Differential Modulation of Autophagy Contributes to the Protective Effects of Resveratrol and Co-Enzyme Q10 in Photoaged Mice. Current Molecular Pharmacology, 2021, 14, 458-468.	0.7	2
431	Exacerbated Age-Related Hippocampal Alterations of Microglia Morphology, Î ² -Amyloid and Lipofuscin Deposition and Presenilin Overexpression in Per1â^'/â^'-Mice. Antioxidants, 2021, 10, 1330.	2.2	5
432	AMPK: a key regulator of energy stress and calcium-induced autophagy. Journal of Molecular Medicine, 2021, 99, 1539-1551.	1.7	44
433	Autophagy is involved in neurofibromatosis typeÂl gene‑modulated osteogenic differentiation in human bone mesenchymal stem cells. Experimental and Therapeutic Medicine, 2021, 22, 1262.	0.8	1
434	Effect of oxygen concentrations and branchedâ€chain amino acids on the growth and development of subâ€seafloor fungus, <i>Schizophyllum</i> à€‰ <scp><i>commune</i> 20Râ€7â€F01</scp> . Environmental Microbiology, 2021, 23, 6940-6952.	1.8	8
435	The putative elongator complex protein Elp3 is involved in asexual development and pathogenicity by regulating autophagy in the rice blast fungus. Journal of Integrative Agriculture, 2021, 20, 2944-2956.	1.7	7
436	Microautophagy in the Yeast Saccharomyces cerevisiae. Methods in Molecular Biology, 2008, 445, 245-259.	0.4	47
437	Conditional Mouse Models for Friedreich Ataxia, a Neurodegenerative Disorder Associating Cardiomyopathy., 2007,, 365-375.		18
438	Heat Shock Proteins and Protein Quality Control in Alzheimer's Disease. , 2018, , 269-298.		5
439	Mouse Models for Friedreich's Ataxia. , 2006, , 321-326.		1
440	Metamorphoses of malaria: the role of autophagy in parasite differentiation. Essays in Biochemistry, 2011, 51, 127-136.	2.1	24
441	Cell Biology of Nidovirus Replication Complexes. , 0, , 103-113.		1
442	Activation of Autophagy in a Rat Model of Retinal Ischemia following High Intraocular Pressure. PLoS ONE, 2011, 6, e22514.	1.1	107

#	Article	IF	Citations
443	Hal2p Functions in Bdf1p-Involved Salt Stress Response in Saccharomyces cerevisiae. PLoS ONE, 2013, 8, e62110.	1.1	7
444	Enhanced Production of Bovine Chymosin by Autophagy Deficiency in the Filamentous Fungus Aspergillus oryzae. PLoS ONE, 2013, 8, e62512.	1.1	34
445	Autophagy in Trypanosoma brucei: Amino Acid Requirement and Regulation during Different Growth Phases. PLoS ONE, 2014, 9, e93875.	1.1	15
446	The role of Aspartyl aminopeptidase (Ape4) in Cryptococcus neoformans virulence and authophagy. PLoS ONE, 2017, 12, e0177461.	1.1	23
447	MoDnm1 Dynamin Mediating Peroxisomal and Mitochondrial Fission in Complex with MoFis1 and MoMdv1 Is Important for Development of Functional Appressorium in Magnaporthe oryzae. PLoS Pathogens, 2016, 12, e1005823.	2.1	62
448	Crosstalk between Autophagy and Obesity: Potential Use of Avian Model. Advanced in Food Technology and Nutritional Sciences - Open Journal, 2015, 1, 32-37.	0.9	7
449	Autophagy: a potential target for the treatment of intraocular neovascularization. International Journal of Ophthalmology, 2018, 11, 695-698.	0.5	10
450	Human hAtg2A protein expressed in yeast is recruited to preautophagosomal structure but does not complement autophagy defects of atg2Î" strain Acta Biochimica Polonica, 2011, 58, .	0.3	8
451	Inhibition of mammalian S6 kinase by resveratrol suppresses autophagy. Aging, 2009, 1, 515-528.	1.4	146
452	Chloroquine synergizes with FTS to enhance cell growth inhibition and cell death. Oncotarget, 2014, 5, 173-184.	0.8	15
453	Ras inhibition enhances autophagy, which partially protects cells from death. Oncotarget, 2013, 4, 142-152.	0.8	35
454	Immunohistochemical Evaluation of mTOR and Beclin-1 Protein Expression in Human Breast Cancer and Adjacent Normal Tissues, A Study in Malaysian Patients. The Open Pathology Journal, 2009, 3, 111-117.	1.0	2
455	Acidotropic probes and flow cytometry: a powerful combination for detecting phagotrophy in mixotrophic and heterotrophic protists. Aquatic Microbial Ecology, 2006, 44, 85-96.	0.9	35
456	Autophagy activator promotes neuronal differentiation of adult adipose-derived stromal cells. Neural Regeneration Research, 2013, 8, 882-9.	1.6	11
457	The role of autophagic and lysosomal pathways in ischemic brain injury. Neural Regeneration Research, 2013, 8, 2117-25.	1.6	12
458	Autophagy activation aggravates neuronal injury in the hippocampus of vascular dementia rats. Neural Regeneration Research, 2014, 9, 1288.	1.6	26
459	Mechanism of Host Cell Death in Response to Bacterial Infections. Journal of Clinical & Cellular Immunology, 2012, 03, .	1.5	2
460	Stress Protein HSP70 in Fish. Aqua-BioScience Monographs, 2010, 3, 111-141.	1.1	123

#	Article	IF	Citations
461	Autophagy-Is it a preferred route for lifespan extension?. BMB Reports, 2009, 42, 65-71.	1.1	11
462	Nutrient starvation differentially regulates the autophagy-related gene GmATG8i in soybean seedlings. Plant Biotechnology, 2009, 26, 317-326.	0.5	10
463	Lithocholic acid induces endoplasmic reticulum stress, autophagy and mitochondrial dysfunction in human prostate cancer cells. PeerJ, 2016, 4, e2445.	0.9	52
464	Correction of oxidative stress enhances enzyme replacement therapy in Pompe disease. EMBO Molecular Medicine, 2021, 13, e14434.	3.3	13
465	Extracellular vesicle-associated small heat shock proteins as therapeutic agents in neurodegenerative diseases and beyond. Advanced Drug Delivery Reviews, 2021, 179, 114009.	6.6	9
466	Molecular Pathways of Mitochondrial Dysfunction in Neurodegeneration: the Paradigms of Parkinson's and Huntington's Diseases., 2007,, 193-219.		0
467	Autophagy, Prion Infection and their Mutual Interactions. Current Issues in Molecular Biology, 2010, ,	1.0	40
468	The role of autophagy in maintaining pancreatic beta-cell function. Academic Journal of Second Military Medical University, 2010, 29, 1413-1415.	0.0	0
469	The Hyphal Mode of Life. Mycology, 2011, , 3-28.	0.5	0
470	Heavy Metals and the Ovary. , 2013, , 207-244.		0
471	The Role of Angiogenesis, Growth Arrest and Autophagy in Human Ovarian Cancer Xenograft Models for Tumor Dormancy., 2014,, 99-109.		0
472	Encounters with Mammalian Cells: Survival Strategies of Candida Species. , 0, , 261-P1.		1
473	Cell Death Pathways in an Unconventional Invertebrate Model. , 2016, , 17-27.		0
474	The Hyphal Mode of Life. , 2016, , 23-48.		0
475	Cell Death and Autophagy in Prion Diseases. Neuromethods, 2017, , 145-158.	0.2	1
478	The molecular mechanism of autophagy. Molecular Medicine, 2003, 9, 65-76.	1.9	197
480	Vitamin D, vitamin D receptor, and macroautophagy in inflammation and infection. Discovery Medicine, 2011, 11, 325-35.	0.5	123
483	Kinase Inhibitors Involved in the Regulation of Autophagy: Molecular Concepts and Clinical Implications. Current Medicinal Chemistry, 2023, 30, 1502-1528.	1.2	3

#	Article	IF	CITATIONS
484	Specific microRNAs for Modulation of Autophagy in Spinal Cord Injury. Brain Sciences, 2022, 12, 247.	1.1	0
485	Effects of macroautophagy and mitophagy on the pathogenicity of <i>Fusarium graminearum</i> Phytopathology, 2022, , .	1.1	1
486	The autophagy-related proteins FvAtg4 and FvAtg8 are involved in virulence and fumonisin biosynthesis in <i>Fusarium verticillioides</i> i>. Virulence, 2022, 13, 764-780.	1.8	3
487	Yeast as a Model to Study the Immunosuppressive and Chemotherapeutic Drug Rapamycin. , 2007, , 347-374.		0
492	Autophagy alleviates indium-induced programmed cell death in wheat roots. Journal of Hazardous Materials, 2022, 439, 129600.	6.5	9
493	Autophagy: A Key Regulator of Homeostasis and Disease: An Overview of Molecular Mechanisms and Modulators. Cells, 2022, 11, 2262.	1.8	31
494	RNA-Seq Provides Insights into the Mechanisms Underlying Ilyonectria robusta Responding to Secondary Metabolites of Bacillus methylotrophicus NJ13. Journal of Fungi (Basel, Switzerland), 2022, 8, 779.	1.5	2
495	Progress in preclinical studies of macrophage autophagy in the regulation of ALI/ARDS. Frontiers in Immunology, 0, 13, .	2.2	10
496	Comparative Transcriptome Analysis Reveals Genes Associated with the Gossypol Synthesis and Gland Morphogenesis in Gossypium hirsutum. Genes, 2022, 13, 1452.	1.0	0
497	Genome-Wide Identification and Expression Analysis of BrATGs and Their Different Roles in Response to Abiotic Stresses in Chinese Cabbage. Agronomy, 2022, 12, 2976.	1.3	2
498	New Visions on Natural Products and Cancer Therapy: Autophagy and Related Regulatory Pathways. Cancers, 2022, 14, 5839.	1.7	21
499	The Autophagy Protein CsATG8 is Involved in Asexual Development and Virulence in the Pepper Anthracnose Fungus <i>Colletotrichum scovillei</i> i>. Mycobiology, 2022, 50, 467-474.	0.6	3
500	Autophagy and longevity: Evolutionary hints from hyper-longevous mammals. Frontiers in Endocrinology, $0,13,.$	1.5	4
502	The role of TGF-beta3 in cartilage development and osteoarthritis. Bone Research, 2023, 11, .	5.4	33
504	Chalcone Derivative Induces Flagellar Disruption and Autophagic Phenotype in Phytomonas serpens In Vitro. Pathogens, 2023, 12, 423.	1.2	1