The return of the nucleus: transcriptional and epigenetic

Nature Reviews Molecular Cell Biology 15, 65-74

DOI: 10.1038/nrm3716

Citation Report

#	Article	IF	CITATIONS
1	Current and Emerging Biomarkers of Cell Death in Human Disease. BioMed Research International, 2014, 2014, 1-10.	0.9	20
2	Targeting autophagy in breast cancer. World Journal of Clinical Oncology, 2014, 5, 224.	0.9	62
3	Farnesoid X receptor regulates forkhead BoxÂO3a activation in ethanol-induced autophagy and hepatotoxicity. Redox Biology, 2014, 2, 991-1002.	3.9	50
4	Nucleocytosolic Depletion of the Energy Metabolite Acetyl-Coenzyme A Stimulates Autophagy and Prolongs Lifespan. Cell Metabolism, 2014, 19, 431-444.	7.2	221
6	Cracking the survival code. Autophagy, 2014, 10, 556-561.	4.3	53
7	Acinus integrates AKT1 and subapoptotic caspase activities to regulate basal autophagy. Journal of Cell Biology, 2014, 207, 253-268.	2.3	21
8	Autophagy transcribed. Nature, 2014, 516, 40-41.	13.7	24
9	Foxk proteins repress the initiation of starvation-induced atrophy and autophagy programs. Nature Cell Biology, 2014, 16, 1202-1214.	4.6	120
10	Sodium arsenite induces apoptosis and Epstein–Barr virus reactivation in lymphoblastoid cells. Biochimie, 2014, 107, 247-256.	1.3	9
11	Lysosome: regulator of lipid degradation pathways. Trends in Cell Biology, 2014, 24, 743-750.	3.6	169
12	AMPK Modulates Tissue and Organismal Aging in a Non-Cell-Autonomous Manner. Cell Reports, 2014, 8, 1767-1780.	2.9	241
13	Retinoid receptor signaling and autophagy in acute promyelocytic leukemia. Experimental Cell Research, 2014, 324, 1-12.	1.2	37
14	Sphingolipid lysosomal storage disorders. Nature, 2014, 510, 68-75.	13.7	270
15	Nuclear matrix, nuclear envelope and premature aging syndromes in a translational research perspective. Seminars in Cell and Developmental Biology, 2014, 29, 125-147.	2.3	63
16	Regulation of autophagy: Modulation of the size and number of autophagosomes. FEBS Letters, 2014, 588, 2457-2463.	1.3	120
17	Activation of ULK Kinase and Autophagy by GABARAP Trafficking from the Centrosome Is Regulated by WAC and GM130. Molecular Cell, 2015, 60, 899-913.	4.5	112
18	Autophagy in the Degenerating Human Intervertebral Disc. Spine, 2015, 40, 773-782.	1.0	76
19	Nutritionally-Induced Catch-Up Growth. Nutrients, 2015, 7, 517-551.	1.7	69

			OICI	
#	Article		IF	Citations
20	Regulation of B Cell Differentiation by Intracellular Membrane-Associated Proteins and microRNAs: Role in the Antibody Response. Frontiers in Immunology, 2015, 6, 537.		2.2	15
21	Cellular and Molecular Connections between Autophagy and Inflammation. Mediators of Inflammation, 2015, 2015, 1-13.		1.4	129
22	Intracellular calcium signaling regulates autophagy via calcineurin-mediated TFEB dephosphorylatic Autophagy, 2015, 11, 1192-1195.	n.	4.3	62
23	The symphony of autophagy and calcium signaling. Autophagy, 2015, 11, 973-974.		4.3	8
24	Epigenetic regulation of autophagy by the methyltransferase EZH2 through an MTOR-dependent pathway. Autophagy, 2015, 11, 2309-2322.		4.3	129
25				

#	Article	IF	CITATIONS
38	Sumo and the cellular stress response. Cell Division, 2015, 10, 4.	1.1	136
39	Integrated and comparative miRNA analysis of starvation-induced autophagy in mouse embryonic fibroblasts. Gene, 2015, 571, 194-204.	1.0	7
40	The update on transcriptional regulation of autophagy in normal and pathologic cells: A novel therapeutic target. Biomedicine and Pharmacotherapy, 2015, 74, 17-29.	2.5	17
41	A conserved mechanism of TOR-dependent RCK-mediated mRNA degradation regulatesÂautophagy. Nature Cell Biology, 2015, 17, 930-942.	4.6	91
42	Compromised autophagy and neurodegenerative diseases. Nature Reviews Neuroscience, 2015, 16, 345-357.	4.9	676
43	Autophagic Recycling Plays a Central Role in Maize Nitrogen Remobilization. Plant Cell, 2015, 27, 1389-1408.	3.1	211
44	Cardiolipin and Its Different Properties in Mitophagy and Apoptosis. Journal of Histochemistry and Cytochemistry, 2015, 63, 301-311.	1.3	103
45	Transcriptional and epigenetic regulation of autophagy in aging. Autophagy, 2015, 11, 867-880.	4.3	280
46	Common \hat{I}^3 -chain cytokine signaling is required for macroautophagy induction during CD4 $<$ sup $>+sup> T-cell activation. Autophagy, 2015, 11, 1864-1877.$	4.3	49
47	NR1D1 ameliorates Mycobacterium tuberculosis clearance through regulation of autophagy. Autophagy, 2015, 11, 1987-1997.	4.3	45
48	Intimacy and a deadly feud: the interplay of autophagy and apoptosis mediated by amino acids. Amino Acids, 2015, 47, 2089-2099.	1.2	10
49	Unraveling the complexity of autophagy: Potential therapeutic applications in Pancreatic Ductal Adenocarcinoma. Seminars in Cancer Biology, 2015, 35, 11-19.	4.3	34
50	Autophagic digestion of Leishmania major by host macrophages is associated with differential expression of BNIP3, CTSE, and the miRNAs miR-101c, miR-129, and miR-210. Parasites and Vectors, 2015, 8, 404.	1.0	92
51	The Ccl1-Kin28 kinase complex regulates autophagy under nitrogen starvation. Journal of Cell Science, 2015, 129, 135-44.	1.2	12
52	Graphene oxide as a chemosensitizer: Diverted autophagic flux, enhanced nuclear import, elevated necrosis and improved antitumor effects. Biomaterials, 2015, 40, 12-22.	5.7	85
53	Oxidized Lowâ€Density Lipoprotein Inhibits THPâ€1â€Derived Macrophage Autophagy via TET2 Downâ€regulation. Lipids, 2015, 50, 177-183.	0.7	27
54	MicroRNAs: new players in IBD. Gut, 2015, 64, 504-513.	6.1	223
55	Mechanisms and biological functions of autophagy in diseased and ageing kidneys. Nature Reviews Nephrology, 2015, 11, 34-45.	4.1	81

#	ARTICLE	IF	CITATIONS
57	Dihydromyricetin protects against liver ischemia/reperfusion induced apoptosis <i>via</i> activation of FOXO3a-mediated autophagy. Oncotarget, 2016, 7, 76508-76522.	0.8	44
58	Autophagy-associated immune responses and cancer immunotherapy. Oncotarget, 2016, 7, 21235-21246.	0.8	71
59	Autophagy-Related Proteins Target Ubiquitin-Free Mycobacterial Compartment to Promote Killing in Macrophages. Frontiers in Cellular and Infection Microbiology, 2016, 6, 53.	1.8	12
60	The Mucosal Immune System and Its Regulation by Autophagy. Frontiers in Immunology, 2016, 7, 240.	2.2	75
61	Autophagy-related intrinsically disordered proteins in intra-nuclear compartments. Molecular BioSystems, 2016, 12, 2798-2817.	2.9	27
62	BIX01294, an inhibitor of histone methyltransferase, induces autophagy-dependent differentiation of glioma stem-like cells. Scientific Reports, 2016, 6, 38723.	1.6	78
64	Therapeutic Targeting of Autophagy. EBioMedicine, 2016, 14, 15-23.	2.7	232
65	Inducing mitophagy in diabetic platelets protects against severe oxidative stress. EMBO Molecular Medicine, 2016, 8, 779-795.	3.3	95
66	The Evolving, Multifaceted Roles of Autophagy in Cancer. Advances in Cancer Research, 2016, 130, 1-53.	1.9	52
67	Growth attenuation is associated with histone deacetylase 10-induced autophagy in the liver. Journal of Nutritional Biochemistry, 2016, 27, 171-180.	1.9	14
68	Ursolic acid enhances macrophage autophagy and attenuates atherogenesis. Journal of Lipid Research, 2016, 57, 1006-1016.	2.0	45
69	Chaperone-like protein HYPK and its interacting partners augment autophagy. European Journal of Cell Biology, 2016, 95, 182-194.	1.6	6
70	Signalling in Autophagy. , 2016, , 17-33.		0
71	FoxO3a-mediated autophagy is down-regulated in the laforin deficient mice, an animal model for Lafora progressive myoclonus epilepsy. Biochemical and Biophysical Research Communications, 2016, 474, 321-327.	1.0	17
72	Fine-tuning autophagy: from transcriptional to posttranslational regulation. American Journal of Physiology - Cell Physiology, 2016, 311, C351-C362.	2.1	33
73	LC3/GABARAP family proteins: autophagyâ€(un)related functions. FASEB Journal, 2016, 30, 3961-3978.	0.2	471
74	Autophagic degradation of peroxisomes in mammals. Biochemical Society Transactions, 2016, 44, 431-440.	1.6	58
75	Novel pharmacological modulators of autophagy: an updated patent review (2012-2015). Expert Opinion on Therapeutic Patents, 2016, 26, 1273-1289.	2.4	30

#	ARTICLE	IF	Citations
76	From the Cover: Autophagy Induction Contributes to Cadmium Toxicity in Mesenchymal Stem Cells via AMPK/FOXO3a/BECN1 Signaling. Toxicological Sciences, 2016, 154, 101-114.	1.4	42
77	Quantitative chemical proteomics profiling of <i>de novo</i> protein synthesis during starvation-mediated autophagy. Autophagy, 2016, 12, 1931-1944.	4.3	37
78	Transcriptional regulation of mammalian autophagy at a glance. Journal of Cell Science, 2016, 129, 3059-3066.	1.2	160
79	Autophagy Networks in Inflammation. , 2016, , .		3
80	Prognostic relevance of autophagy-related markers LC3, p62/sequestosome 1, Beclin-1 and ULK1 in colorectal cancer patients with respect to KRAS mutational status. World Journal of Surgical Oncology, 2016, 14, 189.	0.8	100
81	Autophagy in Host Defense Against Viruses. , 2016, , 185-199.		0
82	FoxO1 interacts with transcription factor EB and differentially regulates mitochondrial uncoupling proteins via autophagy in adipocytes. Cell Death Discovery, 2016, 2, 16066.	2.0	41
83	Autophagy flux in CA1 neurons of Alzheimer hippocampus: Increased induction overburdens failing lysosomes to propel neuritic dystrophy. Autophagy, 2016, 12, 2467-2483.	4.3	252
84	Histone H2B monoubiquitination is a critical epigenetic switch for the regulation of autophagy. Nucleic Acids Research, 2016, 45, gkw1025.	6.5	35
85	FoxO1 antagonist suppresses autophagy and lipid droplet growth in adipocytes. Cell Cycle, 2016, 15, 2033-2041.	1.3	50
86	Transcriptional Dysregulation of Adipose Tissue Autophagy in Obesity. Physiology, 2016, 31, 270-282.	1.6	31
87	Redox biology and the interface between bioenergetics, autophagy and circadian control of metabolism. Free Radical Biology and Medicine, 2016, 100, 94-107.	1.3	44
88	Dose-dependent autophagic effect of titanium dioxide nanoparticles in human HaCaT cells at non-cytotoxic levels. Journal of Nanobiotechnology, 2016, 14, 22.	4.2	101
89	TFEB and TFE3: Linking Lysosomes to Cellular Adaptation to Stress. Annual Review of Cell and Developmental Biology, 2016, 32, 255-278.	4.0	308
90	Aberrant methylation of ATG2B, ATG4D, ATG9A and ATG9B CpG island promoter is associated with decreased mRNA expression in sporadic breast carcinoma. Gene, 2016, 590, 285-292.	1.0	29
91	Transcription factors and cognate signalling cascades in the regulation of autophagy. Biological Reviews, 2016, 91, 429-451.	4.7	20
92	Orchestrating the network of molecular pathways affecting aging: Role of nonselective autophagy and mitophagy. Mechanisms of Ageing and Development, 2016, 153, 30-40.	2.2	40
93	MicroRNA-155 suppresses autophagy in chondrocytes by modulating expression of autophagy proteins. Osteoarthritis and Cartilage, 2016, 24, 1082-1091.	0.6	64

#	ARTICLE	IF	Citations
94	BRG1 and BRM SWI/SNF ATPases redundantly maintain cardiomyocyte homeostasis by regulating cardiomyocyte mitophagy and mitochondrial dynamics in vivo. Cardiovascular Pathology, 2016, 25, 258-269.	0.7	27
95	Lysosomal signaling in control of degradation pathways. Current Opinion in Cell Biology, 2016, 39, 8-14.	2.6	110
96	Effectors of mTOR-autophagy pathway: targeting cancer, affecting the skeleton. Current Opinion in Pharmacology, 2016, 28, 1-7.	1.7	56
97	Dysregulation of Nutrient Sensing and CLEARance in Presenilin Deficiency. Cell Reports, 2016, 14, 2166-2179.	2.9	115
98	Emerging strategies to effectively target autophagy in cancer. Oncogene, 2016, 35, 1-11.	2.6	226
99	Autophagy: A Druggable Process. Annual Review of Pharmacology and Toxicology, 2017, 57, 375-398.	4.2	134
100	Eating for two: Consequences of parental methionine nutrition on offspring metabolism in rainbow trout (Oncorhynchus mykiss). Aquaculture, 2017, 471, 80-91.	1.7	22
101	Autophagy and Neurodegeneration: Pathogenic Mechanisms and Therapeutic Opportunities. Neuron, 2017, 93, 1015-1034.	3.8	860
102	Epigenetic Control of Autophagy: Nuclear Events Gain More Attention. Molecular Cell, 2017, 65, 781-785.	4.5	119
103	Multifaceted Housekeeping Functions of Autophagy. Journal of the Indian Institute of Science, 2017, 97, 79-94.	0.9	6
104	Effect of Nutrition on Statural Growth. Hormone Research in Paediatrics, 2017, 88, 46-62.	0.8	25
105	Reciprocal Crosstalk Between Autophagic and Endocrine Signaling in Metabolic Homeostasis. Endocrine Reviews, 2017, 38, 69-102.	8.9	40
106	Bromodomain Protein BRD4 Is a Transcriptional Repressor of Autophagy and Lysosomal Function. Molecular Cell, 2017, 66, 517-532.e9.	4.5	196
107	Methods to Assess Autophagy and Chronological Aging in Yeast. Methods in Enzymology, 2017, 588, 367-394.	0.4	20
108	The role of ZKSCAN3 in the transcriptional regulation of autophagy. Autophagy, 2017, 13, 1235-1238.	4.3	24
109	Identification of candidate genes involved in the etiology of sporadic Tourette syndrome by exome sequencing. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 712-723.	1.1	17
110	Fasting-induced hormonal regulation of lysosomal function. Cell Research, 2017, 27, 748-763.	5.7	58
111	Linking deregulation of non-coding RNA to the core pathophysiology of Alzheimer's disease: An integrative review. Progress in Neurobiology, 2017, 156, 1-68.	2.8	112

#	Article	IF	Citations
112	Long non-coding RNAs involved in autophagy regulation. Cell Death and Disease, 2017, 8, e3073-e3073.	2.7	115
113	Distribution of H3K27me3, H3K9me3, and H3K4me3 along autophagy-related genes highly expressed in starved zebrafish myotubes. Biology Open, 2017, 6, 1720-1725.	0.6	14
114	Regulation of Autophagy by MiRNAs and Their Emerging Roles in Tumorigenesis and Cancer Treatment. International Review of Cell and Molecular Biology, 2017, 334, 1-26.	1.6	22
115	The sirtuin family members SIRT1, SIRT3 and SIRT6: Their role in vascular biology and atherogenesis. Atherosclerosis, 2017, 265, 275-282.	0.4	144
116	Low Frequency Magnetic Fields Induce Autophagy-associated Cell Death in Lung Cancer through miR-486-mediated Inhibition of Akt/mTOR Signaling Pathway. Scientific Reports, 2017, 7, 11776.	1.6	21
117	Autophagy: The spotlight for cellular stress responses. Life Sciences, 2017, 188, 53-67.	2.0	466
118	Centriolar Satellites Control GABARAP Ubiquitination and GABARAP-Mediated Autophagy. Current Biology, 2017, 27, 2123-2136.e7.	1.8	90
119	Lysine-specific demethylase LSD1 regulates autophagy in neuroblastoma through SESN2-dependent pathway. Oncogene, 2017, 36, 6701-6711.	2.6	72
120	Decorin-evoked paternally expressed gene 3 (PEG3) is an upstream regulator of the transcription factor EB (TFEB) in endothelial cell autophagy. Journal of Biological Chemistry, 2017, 292, 16211-16220.	1.6	41
121	Opposing effects on cardiac function by calorie restriction in differentâ€aged mice. Aging Cell, 2017, 16, 1155-1167.	3.0	43
122	Inhibition of H3K4 demethylation induces autophagy in cancer cell lines. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2428-2437.	1.9	19
123	Autophagy and Adult Neurogenesis: Discoveries Made Half a Century Ago Yet in their Infancy of being Connected. Brain Plasticity, 2017, 3, 99-110.	1.9	13
124	Distinct Motion of GFP-Tagged Histone Expressing Cells Under AC Electrokinetics in Electrode-Multilayered Microfluidic Device. IEEE Transactions on Biomedical Circuits and Systems, 2017, 11, 1450-1458.	2.7	18
125	Modulation of Autophagy by BDNF Underlies Synaptic Plasticity. Cell Metabolism, 2017, 26, 230-242.e5.	7.2	203
126	Modeling of autophagy-related gene expression dynamics during long term fasting in European eel (Anguilla anguilla). Scientific Reports, 2017, 7, 17896.	1.6	10
127	Autophagy regulated by miRNAs in colorectal cancer progression and resistance. Cancer Translational Medicine, 2017, 3, 96.	0.2	15
128	Molecular signature of anastasis for reversal of apoptosis. F1000Research, 2017, 6, 43.	0.8	30
129	β-Amyloid and the Pathomechanisms of Alzheimer's Disease: A Comprehensive View. Molecules, 2017, 22, 1692.	1.7	82

#	Article	IF	Citations
130	Proteomic Profiling of De Novo Protein Synthesis in Starvation-Induced Autophagy Using Bioorthogonal Noncanonical Amino Acid Tagging. Methods in Enzymology, 2017, 588, 41-59.	0.4	11
131	Induced Pluripotent Stem Cell Neuronal Models for the Study of Autophagy Pathways in Human Neurodegenerative Disease. Cells, 2017, 6, 24.	1.8	18
132	ER chaperone GRP78 regulates autophagy by modulation of p53 localization. Frontiers in Bioscience - Elite, 2017, 9, 54-66.	0.9	7
133	Autophagy and Autophagy-Related Proteins in CNS Autoimmunity. Frontiers in Immunology, 2017, 8, 165.	2.2	34
134	MicroRNA-101 Modulates Autophagy and Oligodendroglial Alpha-Synuclein Accumulation in Multiple System Atrophy. Frontiers in Molecular Neuroscience, 2017, 10, 329.	1.4	43
135	Mitophagy Transcriptome: Mechanistic Insights into Polyphenol-Mediated Mitophagy. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-13.	1.9	34
136	Choline, Other Methyl-Donors and Epigenetics. Nutrients, 2017, 9, 445.	1.7	153
137	Molecular Pathways in Cardiomyopathies. , 2017, , 39-64.		1
138	The exoribonuclease Xrn1 is a post-transcriptional negative regulator of autophagy. Autophagy, 2018, 14, 898-912.	4.3	30
139	Reactive nitrogen species control apoptosis and autophagy in K562 cells: implication of TAp73α induction in controlling autophagy. Free Radical Research, 2018, 52, 491-506.	1.5	9
140	Rescue of autophagy and lysosome defects in salivary glands of MRL/lpr mice by a therapeutic phosphopeptide. Journal of Autoimmunity, 2018, 90, 132-145.	3.0	38
141	SOCE induced calcium overload regulates autophagy in acute pancreatitis via calcineurin activation. Cell Death and Disease, 2018, 9, 50.	2.7	48
142	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
143	Dual role of autophagy in hallmarks of cancer. Oncogene, 2018, 37, 1142-1158.	2.6	403
144	For when bacterial infections persist: Toll-like receptor-inducible direct antimicrobial pathways in macrophages. Journal of Leukocyte Biology, 2018, 103, 35-51.	1.5	63
145	The era of cardiovascular epigenetics: histone deacetylases and vascular inflammation. Cardiovascular Research, 2018, 114, 928-930.	1.8	3
146	Transcriptional and post-transcriptional regulation of autophagy in the yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 2018, 293, 5396-5403.	1.6	51
147	mTOR independent alteration in ULK1 Ser758 phosphorylation following chronic LRRK2 kinase inhibition. Bioscience Reports, 2018, 38, .	1.1	16

#	Article	IF	CITATIONS
148	Autophagy Inhibition Mediates Apoptosis Sensitization in Cancer Therapy by Relieving FOXO3a Turnover. Developmental Cell, 2018, 44, 555-565.e3.	3.1	154
149	FOXO3a Provides a Quickstep from Autophagy Inhibition to Apoptosis in Cancer Therapy. Developmental Cell, 2018, 44, 537-539.	3.1	12
150	Continued 26S proteasome dysfunction in mouse brain cortical neurons impairs autophagy and the Keap1-Nrf2 oxidative defence pathway. Cell Death and Disease, 2018, 8, e2531-e2531.	2.7	35
151	Emerging roles for TFEB in the immune response and inflammation. Autophagy, 2018, 14, 181-189.	4.3	118
152	Emerging roles of transcriptional programs in autophagy regulation. Transcription, 2018, 9, 131-136.	1.7	20
153	Control of GABARAPâ€mediated autophagy by the Golgi complex, centrosome and centriolar satellites. Biology of the Cell, 2018, 110, 1-5.	0.7	14
154	The regulation of autophagy by calcium signals: Do we have a consensus?. Cell Calcium, 2018, 70, 32-46.	1.1	189
155	Mammalian target of rapamycin as a therapeutic target in osteoporosis. Journal of Cellular Physiology, 2018, 233, 3929-3944.	2.0	26
156	The metabolic crossâ€ŧalk between epithelial cancer cells and stromal fibroblasts in ovarian cancer progression: Autophagy plays a role. Medicinal Research Reviews, 2018, 38, 1235-1254.	5.0	69
157	Identification of ANXA2 (annexin A2) as a specific bleomycin target to induce pulmonary fibrosis by impeding TFEB-mediated autophagic flux. Autophagy, 2018, 14, 269-282.	4.3	89
158	NUPR1 maintains autolysosomal efflux by activating <i>SNAP25 < /i>li>transcription in cancer cells. Autophagy, 2018, 14, 654-670.</i>	4.3	70
159	Influenza A Virus NS1 Protein Suppresses JNK1-Dependent Autophagosome Formation Mediated by Rab11a Recycling Endosomes. Frontiers in Microbiology, 2018, 9, 3120.	1.5	12
160	Cell-Autonomous (Cell-Intrinsic) Stress Responses. , 2018, , 377-426.		2
161	PHF8 upregulation contributes to autophagic degradation of E-cadherin, epithelial-mesenchymal transition and metastasis in hepatocellular carcinoma. Journal of Experimental and Clinical Cancer Research, 2018, 37, 215.	3.5	41
162	Proteoglycan Chemical Diversity Drives Multifunctional Cell Regulation and Therapeutics. Chemical Reviews, 2018, 118, 9152-9232.	23.0	253
163	Transcriptional and epigenetic modulation of autophagy promotes EBV oncoprotein EBNA3C induced B-cell survival. Cell Death and Disease, 2018, 9, 605.	2.7	33
164	Autophagy as an emerging target in cardiorenal metabolic disease: From pathophysiology to management., 2018, 191, 1-22.		100
165	Endorepellin remodels the endothelial transcriptome toward a pro-autophagic and pro-mitophagic gene signature. Journal of Biological Chemistry, 2018, 293, 12137-12148.	1.6	19

#	Article	IF	Citations
166	MoSnt2-dependent deacetylation of histone H3 mediates MoTor-dependent autophagy and plant infection by the rice blast fungus <i>Magnaporthe oryzae</i> . Autophagy, 2018, 14, 1543-1561.	4.3	89
167	Autophagy-Associated Shrinkage of the Hepatopancreas in Fasting Male Macrobrachium rosenbergii Is Rescued by Neuropeptide F. Frontiers in Physiology, 2018, 9, 613.	1.3	7
168	Autophagy and proinflammatory cytokines: Interactions and clinical implications. Cytokine and Growth Factor Reviews, 2018, 43, 38-46.	3.2	118
169	Dietary Modulation of the Epigenome. Physiological Reviews, 2018, 98, 667-695.	13.1	67
170	ZKSCAN3 promotes breast cancer cell proliferation, migration and invasion. Biochemical and Biophysical Research Communications, 2018, 503, 2583-2589.	1.0	19
171	Graphene oxide sensitizes cancer cells to chemotherapeutics by inducing early autophagy events, promoting nuclear trafficking and necrosis. Theranostics, 2018, 8, 2477-2487.	4.6	45
172	LSD1 negatively regulates autophagy through the mTOR signaling pathway in ovarian cancer cells. Oncology Reports, 2018, 40, 425-433.	1.2	8
173	Autophagy and Epigenetics. , 2018, , 295-303.		0
174	Stress in the Educational System as a Potential Source of Epigenetic Influences on Children's Development and Behavior. Frontiers in Behavioral Neuroscience, 2018, 12, 143.	1.0	4
175	Promoting the clearance of neurotoxic proteins in neurodegenerative disorders of ageing. Nature Reviews Drug Discovery, 2018, 17, 660-688.	21.5	370
176	Huntingtin Aggregation Impairs Autophagy, Leading to Argonaute-2 Accumulation and Global MicroRNA Dysregulation. Cell Reports, 2018, 24, 1397-1406.	2.9	66
177	Deregulation of UBE2C-mediated autophagy repression aggravates NSCLC progression. Oncogenesis, 2018, 7, 49.	2.1	77
178	HSPA8/HSC70 in Immune Disorders: A Molecular Rheostat that Adjusts Chaperone-Mediated Autophagy Substrates. Cells, 2019, 8, 849.	1.8	71
179	Propolis Reduces the Expression of Autophagy-Related Proteins in Chondrocytes under Interleukin- $\hat{1}^2$ Stimulus. International Journal of Molecular Sciences, 2019, 20, 3768.	1.8	8
180	Ursolic acid exhibits anti-inflammatory effects through blocking TLR4-MyD88 pathway mediated by autophagy. Cytokine, 2019, 123, 154726.	1.4	43
181	Novel Genetic Locus of Visceral Fat and Systemic Inflammation. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3735-3742.	1.8	11
182	Autophagy and synaptic plasticity: epigenetic regulation. Current Opinion in Neurobiology, 2019, 59, 207-212.	2.0	28
183	The FoxO–Autophagy Axis in Health and Disease. Trends in Endocrinology and Metabolism, 2019, 30, 658-671.	3.1	144

#	Article	IF	Citations
184	Autophagy in exposure to environmental chemicals. Toxicology Letters, 2019, 305, 1-9.	0.4	42
185	AutophagySMDB: a curated database of small molecules that modulate protein targets regulating autophagy. Autophagy, 2019, 15, 1280-1295.	4.3	18
186	Leptin stimulates autophagy/lysosome-related degradation of long-lived proteins in adipocytes. Adipocyte, 2019, 8, 51-60.	1.3	16
187	Nonhistone human chromatin protein PC4 is critical for genomic integrity and negatively regulates autophagy. FEBS Journal, 2019, 286, 4422-4442.	2.2	15
188	SIRT1 protects cochlear hair cell and delays age-related hearing loss via autophagy. Neurobiology of Aging, 2019, 80, 127-137.	1.5	42
189	Modulating autophagy as a therapeutic strategy for the treatment of paediatric highâ€grade glioma. Brain Pathology, 2019, 29, 707-725.	2.1	12
190	Is there a role for autophagy in ascending aortopathy associated with tricuspid or bicuspid aortic valve?. Clinical Science, 2019, 133, 805-819.	1.8	2
191	Targeting GPER1 to suppress autophagy as a male-specific therapeutic strategy for iron-induced striatal injury. Scientific Reports, 2019, 9, 6661.	1.6	13
192	Molecular interplay of autophagy and endocytosis in human health and diseases. Biological Reviews, 2019, 94, 1576-1590.	4.7	32
193	Regulation of hepatic autophagy by stressâ€sensing transcription factor CREBH. FASEB Journal, 2019, 33, 7896-7914.	0.2	18
194	Intranuclear inclusions in hepatocellular carcinoma contain autophagyâ€essociated proteins and correlate with prolonged survival. Journal of Pathology: Clinical Research, 2019, 5, 164-176.	1.3	10
195	Nrf2-miR-129-3p-mTOR Axis Controls an miRNA Regulatory Network Involved in HDACi-Induced Autophagy. Molecular Therapy, 2019, 27, 1039-1050.	3.7	39
196	Neural Stem Cells of Parkinson's Disease Patients Exhibit Aberrant Mitochondrial Morphology and Functionality. Stem Cell Reports, 2019, 12, 878-889.	2.3	68
197	Stress – (self) eating: Epigenetic regulation of autophagy in response to psychological stress. FEBS Journal, 2019, 286, 2447-2460.	2.2	16
198	Diabetes Promotes Development of Alzheimer's Disease Through Suppression of Autophagy. Journal of Alzheimer's Disease, 2019, 69, 289-296.	1.2	20
199	Piperlongumine-induced nuclear translocation of the FOXO3A transcription factor triggers BIM-mediated apoptosis in cancer cells. Biochemical Pharmacology, 2019, 163, 101-110.	2.0	28
200	Agephagy – Adapting Autophagy for Health During Aging. Frontiers in Cell and Developmental Biology, 2019, 7, 308.	1.8	43
201	Analysis of autophagy-related genes and associated noncoding RNAs and transcription factors in digestive system tumors. Future Oncology, 2019, 15, 4141-4154.	1.1	3

#	Article	IF	CITATIONS
202	Environmental Exposures and Asthma Development: Autophagy, Mitophagy, and Cellular Senescence. Frontiers in Immunology, 2019, 10, 2787.	2.2	83
203	<p>MicroRNA-384-5p/Beclin-1 As Potential Indicators For Epigallocatechin Gallate Against Cardiomyocytes Ischemia Reperfusion Injury By Inhibiting Autophagy Via PI3K/Akt Pathway</p> . Drug Design, Development and Therapy, 2019, Volume 13, 3607-3623.	2.0	33
204	Transcriptional and epigenetic profiling of nutrient-deprived cells to identify novel regulators of autophagy. Autophagy, 2019, 15, 98-112.	4.3	34
205	Histone methyl-transferases and demethylases in the autophagy regulatory network: the emerging role of KDM1A/LSD1 demethylase. Autophagy, 2019, 15, 187-196.	4.3	20
206	How does estrogen work on autophagy?. Autophagy, 2019, 15, 197-211.	4.3	68
207	Balancing Apoptosis and Autophagy for Parkinson's Disease Therapy: Targeting BCL-2. ACS Chemical Neuroscience, 2019, 10, 792-802.	1.7	82
208	Benzene induces haematotoxicity by promoting deacetylation and autophagy. Journal of Cellular and Molecular Medicine, 2019, 23, 1022-1033.	1.6	22
209	RNA Binding Protein HuR Promotes Autophagosome Formation by Regulating Expression of Autophagy-Related Proteins 5, 12, and 16 in Human Hepatocellular Carcinoma Cells. Molecular and Cellular Biology, 2019, 39, .	1.1	32
210	The role of vascular endothelial growth factor, interleukin 8, and insulinlike growth factor in sustaining autophagic DIRAS3â€induced dormant ovarian cancer xenografts. Cancer, 2019, 125, 1267-1280.	2.0	26
211	A non-canonical autophagy-dependent role of the ATG16L1 ^{T300A} variant in urothelial vesicular trafficking and uropathogenic <i>Escherichia coli</i> persistence. Autophagy, 2019, 15, 527-542.	4.3	25
212	Oblongifolin C suppresses lysosomal function independently of TFEB nuclear translocation. Acta Pharmacologica Sinica, 2019, 40, 929-937.	2.8	10
213	Multifaceted role of SMCR8 as autophagy regulator. Small GTPases, 2020, 11, 53-61.	0.7	9
214	Effect of typhaneoside on ventricular remodeling and regulation of PI3K/Akt/mTOR pathway. Herz, 2020, 45, 113-122.	0.4	10
215	Identification of transcription factors that regulate <i>ATG8</i> expression and autophagy in <i>Arabidopsis</i> . Autophagy, 2020, 16, 123-139.	4.3	81
216	Transcriptional regulation of autophagyâ€lysosomal pathway in cancer. Thoracic Cancer, 2020, 11, 216-223.	0.8	6
217	Allâ€ <i>trans</i> retinoic acid (ATRA)â€induced <i>TFEB</i> expression is required for myeloid differentiation in acute promyelocytic leukemia (APL). European Journal of Haematology, 2020, 104, 236-250.	1.1	21
218	Dynamin-related protein 1: A protein critical for mitochondrial fission, mitophagy, and neuronal death in Parkinson's disease. Pharmacological Research, 2020, 151, 104553.	3.1	72
219	<i>Mir214-3p</i> and <i>Hnf4a/Hnf4α</i> reciprocally regulate <i>Ulk1</i> expression and autophagy in nonalcoholic hepatic steatosis. Autophagy, 2021, 17, 2415-2431.	4.3	31

#	Article	IF	CITATIONS
220	Transcriptional and Epigenetic Regulation of Autophagy in Plants. Trends in Genetics, 2020, 36, 676-688.	2.9	18
221	Exposure to the neurotoxin 3-nitropropionic acid in neuronal cells induces unique histone acetylation pattern: Implications for neurodegeneration. Neurochemistry International, 2020, 140, 104846.	1.9	1
222	Amnion-Derived Mesenchymal Stem Cell Exosomes-Mediated Autophagy Promotes the Survival of Trophoblasts Under Hypoxia Through mTOR Pathway by the Downregulation of EZH2. Frontiers in Cell and Developmental Biology, 2020, 8, 545852.	1.8	25
223	Autophagy in Osteosarcoma. Advances in Experimental Medicine and Biology, 2020, 1258, 167-175.	0.8	6
224	Thermogenic Activation Downregulates High Mitophagy Rate in Human Masked and Mature Beige Adipocytes. International Journal of Molecular Sciences, 2020, 21, 6640.	1.8	17
225	Pontin arginine methylation by CARM1 is crucial for epigenetic regulation of autophagy. Nature Communications, 2020, 11 , 6297.	5.8	36
226	Targeting Mitophagy in Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 78, 1273-1297.	1.2	6
227	Radiation Induces Autophagy <i>via</i> Histone H4 Lysine 20 Trimethylation in Non-small Cell Lung Cancer Cells. Anticancer Research, 2020, 40, 2537-2548.	0.5	9
228	JMJD2B-induced amino acid alterations enhance the survival of colorectal cancer cells under glucose-deprivation via autophagy. Theranostics, 2020, 10, 5763-5777.	4.6	14
229	Gene therapy using a novel G6PC-S298C variant enhances the long-term efficacy for treating glycogen storage disease type Ia. Biochemical and Biophysical Research Communications, 2020, 527, 824-830.	1.0	8
230	Regulation of Expression of Autophagy Genes by Atg8a-Interacting Partners Sequoia, YL-1, and Sir2 in Drosophila. Cell Reports, 2020, 31, 107695.	2.9	19
231	Cell Survival Is Regulated via SOX9/BCL2L1 Axis in HCT-116 Colorectal Cancer Cell Line. Journal of Oncology, 2020, 2020, 1-10.	0.6	5
232	Human ZKSCAN3 and Drosophila M1BP are functionally homologous transcription factors in autophagy regulation. Scientific Reports, 2020, 10, 9653.	1.6	12
233	High cholesterol induces apoptosis and autophagy through the ROS-activated AKT/FOXO1 pathway in tendon-derived stem cells. Stem Cell Research and Therapy, 2020, 11, 131.	2.4	75
234	The role of epigenetics and non-coding RNAs in autophagy: A new perspective for thorough understanding. Mechanisms of Ageing and Development, 2020, 190, 111309.	2.2	25
235	The Autophagy Regulator p62 Controls PTEN-Dependent Ciliogenesis. Frontiers in Cell and Developmental Biology, 2020, 8, 465.	1.8	2
236	Autophagy in brain tumor immune evasion and responses to immunotherapy., 2020,, 29-52.		3
237	HY5-HDA9 Module Transcriptionally Regulates Plant Autophagy in Response to Light-to-Dark Conversion and Nitrogen Starvation. Molecular Plant, 2020, 13, 515-531.	3.9	72

#	Article	IF	Citations
238	How autophagy can restore proteostasis defects in multiple diseases?. Medicinal Research Reviews, 2020, 40, 1385-1439.	5.0	27
239	The signaling pathways implicated in impairment of hepatic autophagy in glycogen storage disease type la. Human Molecular Genetics, 2020, 29, 834-844.	1.4	14
240	Autophagy promotion enhances the protective effect of Morroniside on human OA chondrocyte. Bioscience, Biotechnology and Biochemistry, 2020, 84, 989-996.	0.6	7
241	SETD2 mutation in renal clear cell carcinoma suppress autophagy via regulation of ATG12. Cell Death and Disease, 2020, 11, 69.	2.7	32
242	Probing Protein–Protein Interactions with Label-Free Mass Spectrometry Quantification in Combination with Affinity Purification by Spin-Tip Affinity Columns. Analytical Chemistry, 2020, 92, 3913-3922.	3.2	13
243	Hydrogen-Rich Saline Inhibits Lipopolysaccharide-Induced Acute Lung Injury and Endothelial Dysfunction by Regulating Autophagy through mTOR/TFEB Signaling Pathway. BioMed Research International, 2020, 2020, 1-11.	0.9	19
244	Chidamide epigenetically represses autophagy and exerts cooperative antimyeloma activity with bortezomib. Cell Death and Disease, 2020, 11, 297.	2.7	10
245	The trehalose-6-phosphate phosphatase Tps2 regulates <i>ATG8</i> transcription and autophagy in <i>Saccharomyces cerevisiae</i> Autophagy, 2021, 17, 1013-1027.	4.3	22
246	Nucleoporin TPR (translocated promoter region, nuclear basket protein) upregulation alters MTOR-HSF1 trails and suppresses autophagy induction in ependymoma. Autophagy, 2021, 17, 1001-1012.	4.3	30
247	Emerging roles of autophagy in hepatic tumorigenesis and therapeutic strategies in glycogen storage disease type Ia: A review. Journal of Inherited Metabolic Disease, 2021, 44, 118-128.	1.7	3
248	Contribution of TFEB-mediated autophagy to tubulointerstitial fibrosis in mice with adenine-induced chronic kidney disease. Biomedicine and Pharmacotherapy, 2021, 133, 110949.	2.5	10
249	The DNA methyltransferase DNMT3A contributes to autophagy long-term memory. Autophagy, 2021, 17, 1259-1277.	4.3	24
250	<i>MED1</i> mediator subunit is a key regulator of hepatic autophagy and lipid metabolism. Autophagy, 2021, 17, 4043-4061.	4.3	18
251	Acetylation Modification During Autophagy and Vascular Aging. Frontiers in Physiology, 2021, 12, 598267.	1.3	10
252	The interplay of microRNAs and transcription factors in autophagy regulation in nonalcoholic fatty liver disease. Experimental and Molecular Medicine, 2021, 53, 548-559.	3.2	10
253	The Regulating Effect of Autophagy-Related MiRNAs in Kidney, Bladder, and Prostate Cancer. Journal of Oncology, 2021, 2021, 1-8.	0.6	5
254	AoATG5 plays pleiotropic roles in vegetative growth, cell nucleus development, conidiation, and virulence in the nematode-trapping fungus Arthrobotrys oligospora. Science China Life Sciences, 2022, 65, 412-425.	2.3	34
255	Epigenetic Regulation of Autophagy in Cardiovascular Pathobiology. International Journal of Molecular Sciences, 2021, 22, 6544.	1.8	8

#	Article	IF	CITATIONS
256	Proteostasis Dysfunction in Aged Mammalian Cells. The Stressful Role of Inflammation. Frontiers in Molecular Biosciences, 2021, 8, 658742.	1.6	16
257	A functional outside-in signaling network of proteoglycans and matrix molecules regulating autophagy. Matrix Biology, 2021, 100-101, 118-149.	1.5	18
258	Circular RNAs act as regulators of autophagy in cancer. Molecular Therapy - Oncolytics, 2021, 21, 242-254.	2.0	15
259	$\widehat{\text{Gl}}\pm q$ activation modulates autophagy by promoting mTORC1 signaling. Nature Communications, 2021, 12, 4540.	5.8	15
260	Enhancing Comprehensive Analysis of Newly Synthesized Proteins Based on Cleavable Bioorthogonal Tagging. Analytical Chemistry, 2021, 93, 9408-9417.	3.2	5
261	Epitranscriptomic Analysis of m6A Methylome After Peripheral Nerve Injury. Frontiers in Genetics, 2021, 12, 686000.	1.1	10
262	Mycobacterium tuberculosis Phosphoribosyltransferase Promotes Bacterial Survival in Macrophages by Inducing Histone Hypermethylation in Autophagy-Related Genes. Frontiers in Cellular and Infection Microbiology, 2021, 11, 676456.	1.8	7
263	NOP53 Suppresses Autophagy through ZKSCAN3-Dependent and -Independent Pathways. International Journal of Molecular Sciences, 2021, 22, 9318.	1.8	4
264	Epigenetic inactivation of the autophagy–lysosomal system in appendix in Parkinson's disease. Nature Communications, 2021, 12, 5134.	5.8	18
265	Epigenetic Dysregulation Induces Translocation of Histone H3 into Cytoplasm. Advanced Science, 2021, 8, e2100779.	5.6	5
266	ZKSCAN3 in severe bacterial lung infection and sepsis-induced immunosuppression. Laboratory Investigation, 2021, 101, 1467-1474.	1.7	8
267	Autophagy during drought: function, regulation, and potential application. Plant Journal, 2022, 109, 390-401.	2.8	28
268	METTL3-m6A-Rubicon axis inhibits autophagy in nonalcoholic fatty liver disease. Molecular Therapy, 2022, 30, 932-946.	3.7	42
269	Links between autophagy and tissue mechanics. Journal of Cell Science, 2021, 134, .	1.2	8
270	Role of the Transcriptional Repressor Zinc Finger with KRAB and SCAN Domains 3 (ZKSCAN3) in Retinal Pigment Epithelial Cells. Cells, 2021, 10, 2504.	1.8	2
271	Integrated Analysis of IncRNA-Associated ceRNA Network Identifies Two IncRNA Signatures as a Prognostic Biomarker in Gastric Cancer. Disease Markers, 2021, 2021, 1-16.	0.6	8
272	Molecular and mesoscopic geometries in autophagosome generation. A review. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183731.	1.4	7
273	Autophagy on the road to longevity and aging. , 2022, , 347-360.		2

#	ARTICLE	IF	CITATIONS
274	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock	10 Jf _{.3} 50 7	42 Td (edition 1,430
275	Epigenetic Regulation of Autophagy. Advances in Experimental Medicine and Biology, 2019, 1206, 221-236.	0.8	31
277	Casein kinase 1α–dependent feedback loop controls autophagy in RAS-driven cancers. Journal of Clinical Investigation, 2015, 125, 1401-1418.	3.9	52
278	Kruppel-like factor 4 is critical for transcriptional control of cardiac mitochondrial homeostasis. Journal of Clinical Investigation, 2015, 125, 3461-3476.	3.9	104
279	Tregs restrain dendritic cell autophagy to ameliorate autoimmunity. Journal of Clinical Investigation, 2017, 127, 2789-2804.	3.9	92
280	Molecular signature of anastasis for reversal of apoptosis. F1000Research, 2017, 6, 43.	0.8	42
281	Downregulation of SIRT1 signaling underlies hepatic autophagy impairment in glycogen storage disease type Ia. PLoS Genetics, 2017, 13, e1006819.	1.5	53
282	The Selective Activation of p53 Target Genes Regulated by SMYD2 in BIX-01294 Induced Autophagy-Related Cell Death. PLoS ONE, 2015, 10, e0116782.	1.1	29
283	Autophagy and Longevity. Molecules and Cells, 2018, 41, 65-72.	1.0	105
284	A New Linkage between the Tumor Suppressor RKIP and Autophagy: Targeted Therapeutics. Critical Reviews in Oncogenesis, 2018, 23, 281-305.	0.2	15
285	Autophagy and Hallmarks of Cancer. Critical Reviews in Oncogenesis, 2018, 23, 247-267.	0.2	82
286	O-GlcNAcylation of ATG4B positively regulates autophagy by increasing its hydroxylase activity. Oncotarget, 2016, 7, 57186-57196.	0.8	34
287	Biphasic regulation of autophagy by miR-96 in prostate cancer cells under hypoxia. Oncotarget, 2014, 5, 9169-9182.	0.8	66
288	Inhibition of EHMT2/G9a epigenetically increases the transcription of <i>Beclin-1 < /i>via an increase in ROS and activation of NF-\hat{l}°B. Oncotarget, 2016, 7, 39796-39808.</i>	0.8	46
289	The AMPK-SKP2-CARM1 axis links nutrient sensing to transcriptional and epigenetic regulation of autophagy. Annals of Translational Medicine, 2016, 4, S7-S7.	0.7	10
290	The Implications of Autophagy in Alzheimer's Disease. Current Alzheimer Research, 2018, 15, 1283-1296.	0.7	46
291	Molecular Mechanism of Autophagy: Its Role in the Therapy of Alzheimer's Disease. Current Neuropharmacology, 2020, 18, 720-739.	1.4	18
292	Retrograde trafficking of Argonaute 2 acts as a rate-limiting step for de novo miRNP formation on endoplasmic reticulum–attached polysomes in mammalian cells. Life Science Alliance, 2020, 3, e201800161.	1.3	23

#	Article	IF	CITATIONS
293	The epigenetic dimension of Alzheimer's disease: causal, consequence, or curiosity?. Dialogues in Clinical Neuroscience, 2014, 16, 373-393.	1.8	55
294	Transcription factor EB‑mediated autophagy promotes dermal fibroblast differentiation and collagen production by regulating endoplasmic reticulum stress and autophagy‑dependent secretion. International Journal of Molecular Medicine, 2020, 47, 547-560.	1.8	18
295	Autophagy. Chinese Journal of Physiology, 2019, 62, 53-62.	0.4	13
296	Autophagy Modulation by Dysregulated Micrornas in Human Bladder Cancer. Urological Science, 2019, 30, 46-52.	0.2	6
297	Transcriptional coordination of hepatic autophagy by nutrient-sensing nuclear receptor PPARÎ \pm and FXR. Annals of Pediatric Endocrinology and Metabolism, 2016, 21, 193.	0.8	19
298	Mechanisms of TLR4-Mediated Autophagy and Nitroxidative Stress. Frontiers in Cellular and Infection Microbiology, 2021, 11, 766590.	1.8	16
299	Therapeutic Potential of Mitophagy-Inducing Microflora Metabolite, Urolithin A for Alzheimer's Disease. Nutrients, 2021, 13, 3744.	1.7	24
300	Graphene quantum dot antioxidant and proautophagic actions protect SH-SY5Y neuroblastoma cells from oxidative stress-mediated apoptotic death. Free Radical Biology and Medicine, 2021, 177, 167-180.	1.3	8
301	MicroRNA Regulated Stress Responses in Cancer. , 2015, , 107-126.		0
303	Neurodegenerative Diseases and Autophagy. , 2018, , 299-343.		1
304	MicroRNAs and Inflammatory Bowel Disease. , 2019, , 203-230.		2
307	Preeclampsia: From Cellular Wellness to Inappropriate Cell Death, and the Roles of Nutrition. Frontiers in Cell and Developmental Biology, 2021, 9, 726513.	1.8	21
308	Autophagy promotes malignant migration and invasion via miR‑224‑5p/BCL2 in pancreatic mucinous cystadenocarcinoma MCC1 cells. Oncology Letters, 2020, 20, 1-1.	0.8	3
309	EZH2 inhibitors transcriptionally upregulate cytotoxic autophagy and cytoprotective unfolded protein response in human colorectal cancer cells. American Journal of Cancer Research, 2016, 6, 1661-80.	1.4	19
310	Upregulation of autophagy genes and the unfolded protein response in human heart failure. International Journal of Clinical and Experimental Medicine, 2017, 10, 1051-1058.	1.3	15
311	Regulation of Apoptosis by Autophagy to Enhance Cancer Therapy. Yale Journal of Biology and Medicine, 2019, 92, 707-718.	0.2	32
313	RSL1D1 promotes the progression of colorectal cancer through RAN-mediated autophagy suppression. Cell Death and Disease, 2022, 13, 43.	2.7	14
314	Transcriptional and Post-Transcriptional Regulation of Autophagy. Cells, 2022, 11, 441.	1.8	14

#	ARTICLE	IF	Citations
315	Transcriptional Regulation of Hepatic Autophagy by Nuclear Receptors. Cells, 2022, 11, 620.	1.8	9
316	ULK3-dependent activation of GLI1 promotes DNMT3A expression upon autophagy induction. Autophagy, 2022, 18, 2769-2780.	4.3	8
317	Myocardiocyte autophagy in the context of myocardiocytes regeneration: a potential novel therapeutic strategy. Egyptian Journal of Medical Human Genetics, 2022, 23, .	0.5	11
318	ATG7-mediated autophagy facilitates embryonic stem cell exit from naive pluripotency and marks commitment to differentiation. Autophagy, 2022, 18, 2946-2968.	4.3	6
320	KDM1A/LSD1 as a promising target in various diseases treatment by regulating autophagy network. Biomedicine and Pharmacotherapy, 2022, 148, 112762.	2.5	8
321	Tight association of autophagy and cell cycle in leukemia cells. Cellular and Molecular Biology Letters, 2022, 27, 32.	2.7	2
322	Autophagy and Polyphenols in Osteoarthritis: A Focus on Epigenetic Regulation. International Journal of Molecular Sciences, 2022, 23, 421.	1.8	17
323	Valuing the Diversity of Research Methods to Advance Nutrition Science. Advances in Nutrition, 2022, 13, 1324-1393.	2.9	16
324	Epigenetic regulation of autophagy in coronavirus disease 2019 (COVID-19). Biochemistry and Biophysics Reports, 2022, 30, 101264.	0.7	2
325	ATF3 -activated accelerating effect of LINC00941/IncIAPF on fibroblast-to-myofibroblast differentiation by blocking autophagy depending on ELAVL1/HuR in pulmonary fibrosis. Autophagy, 2022, 18, 2636-2655.	4.3	29
331	SAMS-1 coordinates HLH-30/TFEB and PHA-4/FOXA activities through histone methylation to mediate dietary restriction-induced autophagy and longevity. Autophagy, 2023, 19, 224-240.	4.3	3
332	Neuronal Death Mechanisms and Therapeutic Strategy in Ischemic Stroke. Neuroscience Bulletin, 2022, 38, 1229-1247.	1.5	60
333	Autophagy regulation in teleost fish: A double-edged sword. Aquaculture, 2022, 558, 738369.	1.7	9
334	Feeding activates FGF15â€6HPâ€TFEBâ€mediated lipophagy in the gut. EMBO Journal, 2022, 41, .	3.5	9
335	Autophagy and beyond: Unraveling the complexity of UNC-51-like kinase 1 (ULK1) from biological functions to therapeutic implications. Acta Pharmaceutica Sinica B, 2022, 12, 3743-3782.	5.7	21
336	PHF20 is crucial for epigenetic control of starvation-induced autophagy through enhancer activation. Nucleic Acids Research, 2022, 50, 7856-7872.	6.5	6
337	Anti-Fibrotic Effect of Synthetic Noncoding Decoy ODNs for TFEB in an Animal Model of Chronic Kidney Disease. International Journal of Molecular Sciences, 2022, 23, 8138.	1.8	0
338	Molecular mechanism underlying impaired hepatic autophagy in glycogen storage disease type Ib. Human Molecular Genetics, 2023, 32, 262-275.	1.4	7

#	Article	IF	CITATIONS
340	Epigenetic regulation of autophagy in gastrointestinal cancers. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166512.	1.8	17
341	î'-blockers activate autophagy on infantile hemangioma-derived endothelial cells in vitro. Vascular Pharmacology, 2022, 146, 107110.	1.0	5
342	Autophagy in adipogenesis: Molecular mechanisms and regulation by bioactive compounds. Biomedicine and Pharmacotherapy, 2022, 155, 113715.	2.5	8
343	Autophagy in arsenic exposed population and cancer patients. , 2022, , 141-161.		2
344	The autophagy pathway and its key regulators. , 2022, , 47-69.		0
345	The Plant Homeodomain Protein Clp1 Regulates Fungal Development, Virulence, and Autophagy Homeostasis in Magnaporthe oryzae. Microbiology Spectrum, 2022, 10, .	1.2	2
346	The <scp>RNA</scp> polymerase <scp>II</scp> subunit Rpb9 activates <scp> <i>ATG1</i> </scp> transcription and autophagy. EMBO Reports, 2022, 23, .	2.0	4
347	USP13 Deficiency Impairs Autophagy and Facilitates Age-related Lung Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2023, 68, 49-61.	1.4	4
348	The role of protein acetylation in carcinogenesis and targeted drug discovery. Frontiers in Endocrinology, 0, 13, .	1.5	9
349	Functions and underlying mechanisms of IncRNA HOTAIR in cancer chemotherapy resistance. Cell Death Discovery, 2022, 8, .	2.0	17
350	Naturally derived indole alkaloids targeting regulated cell death (RCD) for cancer therapy: from molecular mechanisms to potential therapeutic targets. Journal of Hematology and Oncology, 2022, 15, .	6.9	24
351	Autophagy in Cancer: A Metabolic Perspective. Sub-Cellular Biochemistry, 2022, , 143-172.	1.0	4
352	Biological and therapeutic role of LSD1 in Alzheimer's diseases. Frontiers in Pharmacology, 0, 13, .	1.6	4
353	Bioactive compounds in the management of nutritional disorders. , 2023, , 343-358.		1
354	Autophagy and the primary cilium in cell metabolism: Whatâ \in ^M s upstream?. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	2
355	Acetyl-CoA regulates lipid metabolism and histone acetylation modification in cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2023, 1878, 188837.	3.3	18
356	Balance between autophagy and cell death is maintained by Polycombâ€mediated regulation during stem cell differentiation. FEBS Journal, 2023, 290, 1625-1644.	2.2	1
357	SETD2 transcriptional control of ATG14L/S isoforms regulates autophagosome–lysosome fusion. Cell Death and Disease, 2022, 13, .	2.7	7

#	Article	IF	CITATIONS
358	Melatonin Attenuates Ischemic-like Cell Injury by Promoting Autophagosome Maturation via the Sirt1/FoxO1/Rab7 Axis in Hippocampal HT22 Cells and in Organotypic Cultures. Cells, 2022, 11, 3701.	1.8	2
359	Cigarette smoke extract-induced inflammatory response via inhibition of the TFEB-mediated autophagy in NR8383 cells. Experimental Lung Research, 2023, 49, 39-48.	0.5	1
360	Association between autophagy and acute pancreatitis. Frontiers in Genetics, 0, 14, .	1.1	1
362	The Role of Regulated Programmed Cell Death in Osteoarthritis: From Pathogenesis to Therapy. International Journal of Molecular Sciences, 2023, 24, 5364.	1.8	9
363	TRIM28 represses renal cell carcinoma cell proliferation by inhibiting TFE3/KDM6A-regulated autophagy. Journal of Biological Chemistry, 2023, 299, 104621.	1.6	5
364	Histone methyltransferase SETD2: An epigenetic driver in clear cell renal cell carcinoma. Frontiers in Oncology, 0, 13, .	1.3	2
365	Brain insulin resistance linked Alzheimer's and Parkinson'sÂdisease pathology: An undying implication of epigenetic and autophagy modulation. Inflammopharmacology, 2023, 31, 699-716.	1.9	7
367	Epigenetic regulation of autophagy by histone-modifying enzymes under nutrient stress. Cell Death and Differentiation, 2023, 30, 1430-1436.	5.0	3
368	ATG8-dependent LMX1B-autophagy crosstalk shapes human midbrain dopaminergic neuronal resilience. Journal of Cell Biology, 2023, 222, .	2.3	4
369	The hunger strikes back: an epigenetic memory for autophagy. Cell Death and Differentiation, 2023, 30, 1404-1415.	5.0	4
370	Maternal obesity and offspring health: Adapting metabolic changes through autophagy and mitophagy. Obesity Reviews, 2023, 24, .	3.1	5
384	Monitoring Autophagy with GFP-LC3 Reporter. Methods in Molecular Biology, 2023, , .	0.4	O