

Mechanism and medical implications of mammalian au

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Citation Report

#	ARTICLE	IF	CITATIONS
1	TBK1 and IKK $\mu$ restrain cell death. <i>Nature Cell Biology</i> , 2018, 20, 1330-1331.	4.6	3
2	IFN- $\beta$ inducible antiviral responses require ULK1-mediated activation of MLK3 and ERK5. <i>Science Signaling</i> , 2018, 11, .	1.6	17
3	p62/SQSTM1 "steering the cell through health and disease. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	214
4	Tubeimoside I induces accumulation of impaired autophagolysosome against cervical cancer cells by both initiating autophagy and inhibiting lysosomal function. <i>Cell Death and Disease</i> , 2018, 9, 1117.	2.7	33
5	Human Polyomaviruses and Papillomaviruses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2360.	1.8	10
6	Hypoxia and Selective Autophagy in Cancer Development and Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 104.	1.8	146
7	LAP it up, fuzz ball: a short history of LC3-associated phagocytosis. <i>Current Opinion in Immunology</i> , 2018, 55, 54-61.	2.4	49
8	Linking cellular stress responses to systemic homeostasis. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 731-745.	16.1	320
9	Her2-Targeted Therapy Induces Autophagy in Esophageal Adenocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3069.	1.8	23
10	On the Role of Basal Autophagy in Adult Neural Stem Cells and Neurogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 339.	1.8	45
11	Microtubule-Associated Protein 1 Light Chain 3B, (LC3B) Is Necessary to Maintain Lipid-Mediated Homeostasis in the Retinal Pigment Epithelium. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 351.	1.8	34
12	Host-based processes as therapeutic targets for Rift Valley fever virus. <i>Antiviral Research</i> , 2018, 160, 64-78.	1.9	3
13	Autophagy: A new concept in autoimmunity regulation and a novel therapeutic option. <i>Journal of Autoimmunity</i> , 2018, 94, 16-32.	3.0	42
14	Palmitic acid induces human osteoblast-like Saos-2 cell apoptosis via endoplasmic reticulum stress and autophagy. <i>Cell Stress and Chaperones</i> , 2018, 23, 1283-1294.	1.2	59
15	Operation of mitochondrial machinery in viral infection-induced immune responses. <i>Biochemical Pharmacology</i> , 2018, 156, 348-356.	2.0	10
16	ER-phagy at a glance. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	154
17	Autophagy and MHC-restricted antigen presentation. <i>Molecular Immunology</i> , 2018, 99, 163-170.	1.0	56
18	Sorting the trash: Micronucleophagy gets selective. <i>Journal of Cell Biology</i> , 2018, 217, 2605-2607.	2.3	0

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19	A new AMPK activator, GSK773, corrects fatty acid oxidation and differentiation defect in CPT2-deficient myotubes. <i>Human Molecular Genetics</i> , 2018, 27, 3417-3433.	1.4	12
20	Osmotic Stress Blocks Mobility and Dynamic Regulation of Centriolar Satellites. <i>Cells</i> , 2018, 7, 65.	1.8	5
21	The Virtuous Cycle of Axon Growth: Axonal Transport of Growth-Promoting Machinery as an Intrinsic Determinant of Axon Regeneration. <i>Developmental Neurobiology</i> , 2018, 78, 898-925.	1.5	28
22	Autophagy as a promoter of longevity: insights from model organisms. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 579-593.	16.1	513
23	Identification of a splice variant of optineurin which is defective in autophagy and phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1526-1538.	1.9	14
24	Human ubiquitin-like proteins as central coordinators in autophagy. <i>Interface Focus</i> , 2018, 8, 20180025.	1.5	9
25	Anti-glioma properties of DVL, a lectin purified from <i>Dioclea violacea</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 120, 566-577.	3.6	23
26	Fluid Shear Stress Promotes Autophagy in Hepatocellular Carcinoma Cells. <i>International Journal of Biological Sciences</i> , 2018, 14, 1277-1290.	2.6	37
27	Autophagy, cancer and angiogenesis: where is the link?. <i>Cell and Bioscience</i> , 2019, 9, 65.	2.1	52
28	Sirt1 modulates H3 phosphorylation and facilitates osteosarcoma cell autophagy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3374-3381.	1.9	4
29	Cell Apoptosis and Autophagy in Renal Fibrosis. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1165, 557-584.	0.8	52
30	Adipose-derived stromal cell secretome disrupts autophagy in glioblastoma. <i>Journal of Molecular Medicine</i> , 2019, 97, 1491-1506.	1.7	5
31	A switch element in the autophagy E2 Atg3 mediates allosteric regulation across the lipidation cascade. <i>Nature Communications</i> , 2019, 10, 3600.	5.8	36
32	Cell phenotypic plasticity requires autophagic flux driven by YAP/TAZ mechanotransduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17848-17857.	3.3	98
33	Emerging Developments in Targeting Proteotoxicity in Neurodegenerative Diseases. <i>CNS Drugs</i> , 2019, 33, 883-904.	2.7	23
34	Retinoid and Reginoid Signaling. <i>Methods in Molecular Biology</i> , 2019, , .	0.4	0
35	Assessing Autophagy During Retinoid Treatment of Breast Cancer Cells. <i>Methods in Molecular Biology</i> , 2019, 2019, 237-256.	0.4	4
36	MiR-150 attenuates LPS-induced acute lung injury via targeting AKT3. <i>International Immunopharmacology</i> , 2019, 75, 105794.	1.7	53

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37	Plastidâ€‘endomembrane connections in apicomplexan parasites. <i>PLoS Pathogens</i> , 2019, 15, e1007661.	2.1	14
38	PI31 Is an Adaptor Protein for Proteasome Transport in Axons and Required for Synaptic Development. <i>Developmental Cell</i> , 2019, 50, 509-524.e10.	3.1	50
39	Molecular mechanisms of natural compounds in cell death induction and sensitization to chemotherapeutic drugs in lung cancer. <i>Phytotherapy Research</i> , 2019, 33, 2531-2547.	2.8	32
40	Critical Role for Phosphatidylinositol-3 Kinase Vps34/PIK3C3 in ON-Bipolar Cells. , 2019, 60, 2861.		18
41	Role of Autophagy on Heavy Metal-Induced Renal Damage and the Protective Effects of Curcumin in Autophagy and Kidney Preservation. <i>Medicina (Lithuania)</i> , 2019, 55, 360.	0.8	21
42	Covalent targeting of the vacuolar H <sup>+</sup> -ATPase activates autophagy via mTORC1 inhibition. <i>Nature Chemical Biology</i> , 2019, 15, 776-785.	3.9	118
43	Autophagy and cancer cell metabolism. <i>International Review of Cell and Molecular Biology</i> , 2019, 347, 145-190.	1.6	38
44	N-terminal Î²-strand underpins biochemical specialization of an ATG8 isoform. <i>PLoS Biology</i> , 2019, 17, e3000373.	2.6	47
45	Identification of RNA aptamer which specifically interacts with PtdIns(3)P. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 146-154.	1.0	4
46	Pro-Death or Pro-Survival: Contrasting Paradigms on Nanomaterial-Induced Autophagy and Exploitations for Cancer Therapy. <i>Accounts of Chemical Research</i> , 2019, 52, 3164-3176.	7.6	71
47	Breast Cancer Stem Cells as Drivers of Tumor Chemoresistance, Dormancy and Relapse: New Challenges and Therapeutic Opportunities. <i>Cancers</i> , 2019, 11, 1569.	1.7	121
48	Arsenite exposure suppresses adipogenesis, mitochondrial biogenesis and thermogenesis via autophagy inhibition in brown adipose tissue. <i>Scientific Reports</i> , 2019, 9, 14464.	1.6	24
50	Image Inpainting for Digital Dunhuang Murals Using Partial Convolutions and Sliding Window Method. <i>Journal of Physics: Conference Series</i> , 2019, 1302, 032040.	0.3	8
51	Ubiquitin-mediated regulation of autophagy. <i>Journal of Biomedical Science</i> , 2019, 26, 80.	2.6	157
52	Taking the polyQ load off. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 718-719.	16.1	1
53	HOXA9 Transcriptionally Promotes Apoptosis and Represses Autophagy by Targeting NF-Î²B in Cutaneous Squamous Cell Carcinoma. <i>Cells</i> , 2019, 8, 1360.	1.8	24
54	Differential Cytotoxic Potential of <i>Acridocarpus orientalis</i> Leaf and Stem Extracts with the Ability to Induce Multiple Cell Death Pathways. <i>Molecules</i> , 2019, 24, 3976.	1.7	8
55	Role of alternative splicing signatures in the prognosis of glioblastoma. <i>Cancer Medicine</i> , 2019, 8, 7623-7636.	1.3	20

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56	Autophagy is inhibited by ubiquitin ligase activity in the nervous system. <i>Nature Communications</i> , 2019, 10, 5017.	5.8	27
57	Recent Insights into the Mitochondrial Role in Autophagy and Its Regulation by Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	102
58	TRIM32 acts both as a substrate and a positive regulator of p62/SQSTM1 impaired in a muscular dystrophy disease. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	14
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61	TGF- $\beta$ 2 in Hepatic Stellate Cell Activation and Liver Fibrogenesisâ€”Updated 2019. <i>Cells</i> , 2019, 8, 1419.	1.8	429
62	Autophagy Regulation of Innate Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2019, , .	0.8	3
63	The Overcrowded Crossroads: Mitochondria, Alpha-Synuclein, and the Endo-Lysosomal System Interaction in Parkinsonâ€™s Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5312.	1.8	78
64	Podocyte GSK3 $\beta$ is important for autophagy and its loss detrimental for glomerular function. <i>FASEB BioAdvances</i> , 2019, 1, 498-510.	1.3	6
65	Energetic adaptations: Metabolic control of endocytic membrane traffic. <i>Traffic</i> , 2019, 20, 912-931.	1.3	22
66	A Novel MYCN-Specific Antigene Oligonucleotide Deregulates Mitochondria and Inhibits Tumor Growth in MYCN-Amplified Neuroblastoma. <i>Cancer Research</i> , 2019, 79, 6166-6177.	0.4	27
67	Evidence for Nanoparticle-Induced Lysosomal Dysfunction in Lung Adenocarcinoma (A549) Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5253.	1.8	19
68	Targeting Autophagy for Cancer Treatment and Tumor Chemosensitization. <i>Cancers</i> , 2019, 11, 1599.	1.7	112
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70	MicroRNAs contribute to ATP-binding cassette transporter- and autophagy-mediated chemoresistance in hepatocellular carcinoma. <i>World Journal of Hepatology</i> , 2019, 11, 344-358.	0.8	13
71	The FoxOâ€™Autophagy Axis in Health and Disease. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 658-671.	3.1	144
72	Autophagy drives osteogenic differentiation of human gingival mesenchymal stem cells. <i>Cell Communication and Signaling</i> , 2019, 17, 98.	2.7	66
73	Medicinal Plants from Brazilian Cerrado: Antioxidant and Anticancer Potential and Protection against Chemotherapy Toxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	16

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74	Aging in <i>Drosophila melanogaster</i> . , 2019, , .		1
75	Lysosomes as a therapeutic target. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 923-948.	21.5	413
76	Mechanisms and disease implications of sirtuin-mediated autophagic regulation. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-11.	3.2	73
77	Targeting Autophagy for the Treatment of Alzheimer's Disease: Challenges and Opportunities. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 203.	1.4	106
78	The role of APC-mediated actin assembly in microtubule capture and focal adhesion turnover. <i>Journal of Cell Biology</i> , 2019, 218, 3415-3435.	2.3	38
79	Autoimmune epithelitis (Sjögren's syndrome); the impact of metabolic status of glandular epithelial cells on auto-immunogenicity. <i>Journal of Autoimmunity</i> , 2019, 104, 102335.	3.0	28
80	RACK1 mediates rewiring of intracellular networks induced by hepatitis C virus infection. <i>PLoS Pathogens</i> , 2019, 15, e1008021.	2.1	36
81	Synthetic biology approaches for targeted protein degradation. <i>Biotechnology Advances</i> , 2019, 37, 107446.	6.0	14
82	Anticancer Ruthenium(III) Complexes and Ru(III)-Containing Nanoformulations: An Update on the Mechanism of Action and Biological Activity. <i>Pharmaceuticals</i> , 2019, 12, 146.	1.7	60
83	Multilayered Control of Protein Turnover by TORC1 and Atg1. <i>Cell Reports</i> , 2019, 28, 3486-3496.e6.	2.9	87
84	The Emerging Roles of mTORC1 in Macromanaging Autophagy. <i>Cancers</i> , 2019, 11, 1422.	1.7	180
85	Autophagy Function and Dysfunction: Potential Drugs as Anti-Cancer Therapy. <i>Cancers</i> , 2019, 11, 1465.	1.7	50
86	A Diversity of Selective Autophagy Receptors Determines the Specificity of the Autophagy Pathway. <i>Molecular Cell</i> , 2019, 76, 268-285.	4.5	353
87	Ubiquitin-specific protease USP36 knockdown impairs Parkin-dependent mitophagy via downregulation of Beclin-1-associated autophagy-related ATG14L. <i>Experimental Cell Research</i> , 2019, 384, 111641.	1.2	26
88	Autophagy in exposure to environmental chemicals. <i>Toxicology Letters</i> , 2019, 305, 1-9.	0.4	42
89	Lipidomics reveals insights on the biological effects of copper oxide nanoparticles in a human colon carcinoma cell line. <i>Molecular Omics</i> , 2019, 15, 30-38.	1.4	31
90	TRIM28 activates autophagy and promotes cell proliferation in glioblastoma. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 397-404.	1.0	24
91	Autophagy in liver diseases: Time for translation?. <i>Journal of Hepatology</i> , 2019, 70, 985-998.	1.8	252

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92	Telomere crisis activates autophagic death. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 133-133.	16.1	13
93	Ammonia and autophagy: An emerging relationship with implications for disorders with hyperammonemia. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 1097-1104.	1.7	20
94	Western blot analysis of the autophagosomal membrane protein LGG-1/LC3 in <i>Caenorhabditis elegans</i> . <i>Methods in Enzymology</i> , 2019, 619, 319-336.	0.4	16
95	A VPS33A-binding motif on syntaxin 17 controls autophagy completion in mammalian cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 4188-4201.	1.6	26
96	ER-Targeted Beclin 1 Supports Autophagosome Biogenesis in the Absence of ULK1 and ULK2 Kinases. <i>Cells</i> , 2019, 8, 475.	1.8	12
97	Lipids lead the way. <i>Nature Chemical Biology</i> , 2019, 15, 653-654.	3.9	0
98	Enhancing autophagy by down-regulating GSK-3 $\beta$ alleviates cisplatin-induced ototoxicity in vivo and in vitro. <i>Toxicology Letters</i> , 2019, 313, 11-18.	0.4	21
99	ESAT-6 modulates Calcimycin-induced autophagy through microRNA-30a in mycobacteria infected macrophages. <i>Journal of Infection</i> , 2019, 79, 139-152.	1.7	24
100	Autophagy induced by STING, an unnoticed and primordial function of cGAS. <i>Cellular and Molecular Immunology</i> , 2019, 16, 683-684.	4.8	18
101	Peptidylarginine Deiminase Inhibitor Cl-Amidine Attenuates Cornification and Interferes with the Regulation of Autophagy in Reconstructed Human Epidermis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1889-1897.e4.	0.3	14
102	Mitophagy in Cancer: A Tale of Adaptation. <i>Cells</i> , 2019, 8, 493.	1.8	149
103	Cystic Fibrosis and <i>Pseudomonas aeruginosa</i> : the Host-Microbe Interface. <i>Clinical Microbiology Reviews</i> , 2019, 32, .	5.7	264
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105	Microfluidic chip and its application in autophagy detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 117, 300-315.	5.8	27
106	Autophagy-Independent Functions of the Autophagy Machinery. <i>Cell</i> , 2019, 177, 1682-1699.	13.5	591
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108	Beneficial Effects of <i>Rhodiola</i> and <i>Salidroside</i> in Diabetes: Potential Role of AMP-Activated Protein Kinase. <i>Molecular Diagnosis and Therapy</i> , 2019, 23, 489-498.	1.6	31
109	Exploring cellular uptake, accumulation and mechanism of action of a cationic Ru-based nanosystem in human preclinical models of breast cancer. <i>Scientific Reports</i> , 2019, 9, 7006.	1.6	46

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110	Proteasomal and lysosomal clearance of faulty secretory proteins: ER-associated degradation (ERAD) and ER-to-lysosome-associated degradation (ERLAD) pathways. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2019, 54, 153-163.	2.3	110
111	Rab5-dependent autophagosome closure by ESCRT. <i>Journal of Cell Biology</i> , 2019, 218, 1908-1927.	2.3	125
112	The effects and the mechanisms of autophagy on the cancer-associated fibroblasts in cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 171.	3.5	74
113	Intrinsically Disordered Protein TEX264 Mediates ER-phagy. <i>Molecular Cell</i> , 2019, 74, 909-921.e6.	4.5	231
114	RNA binding to p62 impacts selective autophagy. <i>Cell Research</i> , 2019, 29, 512-513.	5.7	2
115	Is there a role for autophagy in ascending aortopathy associated with tricuspid or bicuspid aortic valve?. <i>Clinical Science</i> , 2019, 133, 805-819.	1.8	2
116	ATG9 raises the BAR for PI4P in autophagy. <i>Journal of Cell Biology</i> , 2019, 218, 1432-1433.	2.3	5
117	Identification of Kinases Responsible for p53-Dependent Autophagy. <i>IScience</i> , 2019, 15, 109-118.	1.9	4
118	Genetic manipulations of autophagy regulate adipocyte differentiation and metabolism. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019, 5, 74-81.	0.6	1
119	Lectin from <i>Dioclea violacea</i> induces autophagy in U87 glioma cells. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 660-672.	3.6	17
120	Macrophage Death as a Pharmacological Target in Atherosclerosis. <i>Frontiers in Pharmacology</i> , 2019, 10, 306.	1.6	152
121	Autophagy protein ATG5 regulates CD36 expression and anti-tumor MHC class II antigen presentation in dendritic cells. <i>Autophagy</i> , 2019, 15, 2091-2106.	4.3	61
122	<p></p>ROS generation and autophagosome accumulation contribute to the DMAMCL-induced inhibition of glioma cell proliferation by regulating the ROS/MAPK signaling pathway and suppressing the Akt/mTOR signaling pathway</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 1867-1880.	1.0	22
123	Organometallic ruthenium(II)-arene complexes with triphenylphosphine amino acid bioconjugates: Synthesis, characterization and biological properties. <i>Bioorganic Chemistry</i> , 2019, 87, 432-446.	2.0	15
124	The Cargo Receptor NDP52 Initiates Selective Autophagy by Recruiting the ULK Complex to Cytosol-Invading Bacteria. <i>Molecular Cell</i> , 2019, 74, 320-329.e6.	4.5	220
125	Spatiotemporal Control of ULK1 Activation by NDP52 and TBK1 during Selective Autophagy. <i>Molecular Cell</i> , 2019, 74, 347-362.e6.	4.5	314
126	Blocking autophagy to starve pancreatic cancer. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 265-265.	16.1	18
127	Autophagy in regulatory T cells: A double-edged sword in disease settings. <i>Molecular Immunology</i> , 2019, 109, 43-50.	1.0	16

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128	Bezafibrate Enhances AAV Vector-Mediated Genome Editing in Glycogen Storage Disease Type Ia. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 13, 265-273.	1.8	8
129	PEST-containing nuclear protein regulates cell proliferation, migration, and invasion in lung adenocarcinoma. <i>Oncogenesis</i> , 2019, 8, 22.	2.1	17
130	ATG-18 and EPG-6 are Both Required for Autophagy but Differentially Contribute to Lifespan Control in <i>Caenorhabditis elegans</i> . <i>Cells</i> , 2019, 8, 236.	1.8	4
131	Urolithin A activates autophagy but not mitophagy protects against ischemic neuronal injury by inhibiting ER stress in vitro and in vivo. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 976-986.	1.9	76
132	Dynasore Suppresses mTORC1 Activity and Induces Autophagy to Regulate the Clearance of Protein Aggregates in Neurodegenerative Diseases. <i>Neurotoxicity Research</i> , 2019, 36, 108-116.	1.3	30
133	Stress " (self) eating: Epigenetic regulation of autophagy in response to psychological stress. <i>FEBS Journal</i> , 2019, 286, 2447-2460.	2.2	16
134	Hydrogen sulfide-mediated regulation of cell death signaling ameliorates adverse cardiac remodeling and diabetic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1237-H1252.	1.5	38
135	Advanced proteomics approaches to unravel protein homeostasis. <i>Drug Discovery Today: Technologies</i> , 2019, 31, 99-108.	4.0	17
136	CRISPR screening using an expanded toolkit of autophagy reporters identifies TMEM41B as a novel autophagy factor. <i>PLoS Biology</i> , 2019, 17, e2007044.	2.6	110
137	Mechanisms and functions of ribosome-associated protein quality control. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 368-383.	16.1	292
138	Autophagy: Supporting cellular and organismal homeostasis by self-eating. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 111, 1-10.	1.2	69
139	The molecular machinery of regulated cell death. <i>Cell Research</i> , 2019, 29, 347-364.	5.7	1,373
140	Watch What You (Self-) Eat: Autophagic Mechanisms that Modulate Metabolism. <i>Cell Metabolism</i> , 2019, 29, 803-826.	7.2	206
141	Targeting autophagy in cardiac ischemia/reperfusion injury: A novel therapeutic strategy. <i>Journal of Cellular Physiology</i> , 2019, 234, 16768-16778.	2.0	67
142	Disrupted neuronal trafficking in amyotrophic lateral sclerosis. <i>Acta Neuropathologica</i> , 2019, 137, 859-877.	3.9	123
143	FOXM1 plays a role in autophagy by transcriptionally regulating Beclin-1 and LC3 genes in human triple-negative breast cancer cells. <i>Journal of Molecular Medicine</i> , 2019, 97, 491-508.	1.7	38
144	A C4N4 Diaminopyrimidine Fluorophore. <i>Chemistry - A European Journal</i> , 2019, 25, 4299-4304.	1.7	2
145	KISS1 in regulation of metastasis and response to antitumor drugs. <i>Drug Resistance Updates</i> , 2019, 42, 12-21.	6.5	19

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146	Targeting autophagy using natural compounds for cancer prevention and therapy. <i>Cancer</i> , 2019, 125, 1228-1246.	2.0	222
147	Modulation of autophagy in human diseases strategies to foster strengths and circumvent weaknesses. <i>Medicinal Research Reviews</i> , 2019, 39, 1953-1999.	5.0	6
148	LRSAM1 E3 ubiquitin ligase: molecular neurobiological perspectives linked with brain diseases. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2093-2110.	2.4	8
149	A novel orally available seleno-purine molecule suppresses triple-negative breast cancer cell proliferation and progression to metastasis by inducing cytostatic autophagy. <i>Autophagy</i> , 2019, 15, 1376-1390.	4.3	44
150	PBK, targeted by EVI1, promotes metastasis and confers cisplatin resistance through inducing autophagy in high-grade serous ovarian carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 166.	2.7	46
151	COP1 vesicles contribute to autophagosomal membranes. <i>Journal of Cell Biology</i> , 2019, 218, 1503-1510.	2.3	85
152	Conservation of structure, function and inhibitor binding in UNC-51-like kinase 1 and 2 (ULK1/2). <i>Biochemical Journal</i> , 2019, 476, 875-887.	1.7	37
153	Autophagy Deficiency Leads to Impaired Antioxidant Defense via p62-FOXO1/3 Axis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	16
154	Airway epithelial regeneration requires autophagy and glucose metabolism. <i>Cell Death and Disease</i> , 2019, 10, 875.	2.7	48
155	Small molecule modulator of autophagy regulates neuroinflammation to curb pathogenesis of neurodegeneration. <i>EBioMedicine</i> , 2019, 50, 260-273.	2.7	23
156	Circumventing autophagy inhibition. <i>Cell Cycle</i> , 2019, 18, 3421-3431.	1.3	6
157	RASSF1A, puppeteer of cellular homeostasis, fights tumorigenesis, and metastasis—an updated review. <i>Cell Death and Disease</i> , 2019, 10, 928.	2.7	51
158	Association of ATG4B and Phosphorylated ATG4B Proteins with Tumorigenesis and Prognosis in Oral Squamous Cell Carcinoma. <i>Cancers</i> , 2019, 11, 1854.	1.7	14
159	Activation of the Unfolded Protein Response and Proteostasis Disturbance in Parkinsonism-Dementia of Guam. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 34-45.	0.9	10
160	The Effects of Calorie Restriction on Autophagy: Role on Aging Intervention. <i>Nutrients</i> , 2019, 11, 2923.	1.7	56
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1518	MitoSNARE Assembly and Disassembly Factors Regulate Basal Autophagy and Aging in <i>C. elegans</i> . <i>International Journal of Molecular Sciences</i> , 2023, 24, 4230.	1.8	0
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1523	Mechanisms of ageing: growth hormone, dietary restriction, and metformin. <i>Lancet Diabetes and Endocrinology</i> , 2023, 11, 261-281.	5.5	5
1524	Cytotoxicity and Autophagy Induced by Ivermectin via AMPK/mTOR Signaling Pathway in RAW264.7 Cells. <i>Molecules</i> , 2023, 28, 2201.	1.7	2
1525	Potential Roles of Melatonin in Doxorubicin-Induced Cardiotoxicity: From Cellular Mechanisms to Clinical Application. <i>Pharmaceutics</i> , 2023, 15, 785.	2.0	4
1526	Crosstalk between cGAS-STING pathway and autophagy in cancer immunity. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
1527	Comprehensive analysis of autophagy-related clusters and individual risk model for immunotherapy response prediction in gastric cancer. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	2
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1530	Targeting Autophagy Using Long Non-Coding RNAs (LncRNAs): New Landscapes in the Arena of Cancer Therapeutics. <i>Cells</i> , 2023, 12, 810.	1.8	8
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1532	Homoplantagin attenuates high glucose-induced vascular endothelial cell apoptosis through promoting autophagy via the $\text{AMPK}$ / $\text{TFEB}$ pathway. <i>Phytotherapy Research</i> , 2023, 37, 3025-3041.	2.8	3
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1537	Determination of the autophagic flux in murine and human peripheral blood mononuclear cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	3
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1552	Evaluation of Broad Anti-Coronavirus Activity of Autophagy-Related Compounds Using Human Airway Organoids. <i>Molecular Pharmaceutics</i> , 2023, 20, 2276-2287.	2.3	6
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