

Autophagy: Renovation of Cells and Tissues

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Metabolic Connections during Apoptotic Cell Engulfment. <i>Cell</i> , 2011, 147, 1442-1445.	13.5	111
2	Autophagy, Stress, and Cancer Metabolism: What Doesn't Kill You Makes You Stronger. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2011, 76, 389-396.	2.0	101
3	Autophagy and Transporter-Based Multi-Drug Resistance. <i>Cells</i> , 2012, 1, 558-575.	1.8	62
4	Recent Progress in Studies of Arterivirus- and Coronavirus-Host Interactions. <i>Viruses</i> , 2012, 4, 980-1010.	1.5	45
5	HIV Assembly and Budding: Ca ²⁺ Signaling and Non-ESCRT Proteins Set the Stage. <i>Molecular Biology International</i> , 2012, 2012, 1-12.	1.7	13
6	Selective Types of Autophagy. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-2.	1.0	51
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8	Ser ¹²⁹² Autophosphorylation Is an Indicator of LRRK2 Kinase Activity and Contributes to the Cellular Effects of PD Mutations. <i>Science Translational Medicine</i> , 2012, 4, 164ra161.	5.8	324
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10	Attenuation of TNFSF10/TRAIL-induced apoptosis by an autophagic survival pathway involving TRAF2- and RIPK1/RIP1-mediated MAPK3/JNK activation. <i>Autophagy</i> , 2012, 8, 1811-1821.	4.3	123
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18	Selective Autophagy in <i>Drosophila</i> . <i>International Journal of Cell Biology</i> , 2012, 2012, 1-9.	1.0	26

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1174	Long-Lived Protein Degradation During Autophagy. <i>Methods in Enzymology</i> , 2017, 588, 31-40.	0.4	18
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1176	Rapamycin Enhances Repressed Autophagy and Attenuates Aggressive Progression in a Rat Model of IgA Nephropathy. <i>American Journal of Nephrology</i> , 2017, 45, 293-300.	1.4	23
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1198	Effect of rapamycin treatment during post-activation and/or in vitro culture on embryonic development after parthenogenesis and in vitro fertilization in pigs. <i>Reproduction in Domestic Animals</i> , 2017, 52, 741-748.	0.6	14
1199	From Christian de Duve to Yoshinori Ohsumi: More to autophagy than just dining at home. <i>Biomedical Journal</i> , 2017, 40, 9-22.	1.4	49
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1675	Association between autophagy and inflammation in patients with rheumatoid arthritis receiving biologic therapy. <i>Arthritis Research and Therapy</i> , 2018, 20, 268.	1.6	38
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1681	Autophagy Promotes Tumor-like Stem Cell Niche Occupancy. <i>Current Biology</i> , 2018, 28, 3056-3064.e3.	1.8	28
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1772	Autophagy in Stem Cell Biology: A Perspective on Stem Cell Self-Renewal and Differentiation. <i>Stem Cells International</i> , 2018, 2018, 1-12.	1.2	54
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1786	Subcellular Hsp70 Inhibitors Promote Cancer Cell Death via Different Mechanisms. <i>Cell Chemical Biology</i> , 2018, 25, 1242-1254.e8.	2.5	38
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1796	Ac2-26 Induces IKK β Degradation Through Chaperone-Mediated Autophagy Via HSPB1 in NCM-Treated Microglia. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 76.	1.4	26
1797	Autophagy in Traumatic Brain Injury: A New Target for Therapeutic Intervention. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 190.	1.4	60
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1810	NF- \hat{I} B-Mediated Inflammation in the Pathogenesis of Intracranial Aneurysm and Subarachnoid Hemorrhage. Does Autophagy Play a Role?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1245.	1.8	55
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1813	Starvation induces rapid degradation of selective autophagy receptors by endosomal microautophagy. <i>Journal of Cell Biology</i> , 2018, 217, 3640-3655.	2.3	213
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1815	An engineered novel lentivector specifically transducing dendritic cells and eliciting robust HBV-specific CTL response by upregulating autophagy in T cells. <i>Cell Cycle</i> , 2018, 17, 1220-1234.	1.3	6
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1822	Metformin promotes autophagy in <i>Echinococcus granulosus</i> larval stage. <i>Molecular and Biochemical Parasitology</i> , 2018, 224, 61-70.	0.5	16
1823	The Application of Embelin for Cancer Prevention and Therapy. <i>Molecules</i> , 2018, 23, 621.	1.7	41
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1828	Pulsed electromagnetic fields increase osteogenic commitment of MSCs via the mTOR pathway in TNF- α mediated inflammatory conditions: an in-vitro study. <i>Scientific Reports</i> , 2018, 8, 5108.	1.6	44
1829	Role of Myeloid Lineage Cell Autophagy in Ischemic Brain Injury. <i>Stroke</i> , 2018, 49, 1488-1495.	1.0	24
1830	Eukaryotic cell survival mechanisms: Disease relevance and therapeutic intervention. <i>Life Sciences</i> , 2018, 205, 73-90.	2.0	19
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1837	Synthesis, antiproliferative activity and autophagic flux inhibition of new arylsparteine derivatives. <i>Phytochemistry Letters</i> , 2018, 27, 203-207.	0.6	3
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1840	Genome-wide CRISPR screen identifies <i>TMEM41B</i> as a gene required for autophagosome formation. <i>Journal of Cell Biology</i> , 2018, 217, 3817-3828.	2.3	168
1841	New mechanisms driving muscle stem cell regenerative decline with aging. <i>International Journal of Developmental Biology</i> , 2018, 62, 583-590.	0.3	18
1842	p62-Dependent Phase Separation of Patient-Derived KEAP1 Mutations and NRF2. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	51
1843	Assays to Monitor Aggrephagy in <i>Drosophila</i> Brain. <i>Methods in Molecular Biology</i> , 2018, 1854, 147-157.	0.4	1
1844	Autophagy and acetaminophen-induced hepatotoxicity. <i>Archives of Toxicology</i> , 2018, 92, 2153-2161.	1.9	49
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1846	Functional characterization of lysosomal interaction of Akt with VRK2. <i>Oncogene</i> , 2018, 37, 5367-5386.	2.6	20
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1856	Autophagy inhibition enhances celecoxib-induced apoptosis in osteosarcoma. <i>Cell Cycle</i> , 2018, 17, 997-1006.	1.3	19
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1858	Ulk2 controls cortical excitatory-inhibitory balance via autophagic regulation of p62 and GABAA receptor trafficking in pyramidal neurons. <i>Human Molecular Genetics</i> , 2018, 27, 3165-3176.	1.4	39
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1864	Maternal protein restriction induces gastrointestinal dysfunction and enteric nervous system remodeling in rat offspring. <i>FASEB Journal</i> , 2019, 33, 770-781.	0.2	11
1865	p62-mediated autophagy affects nutrition-dependent insulin receptor substrate 1 dynamics in 3T3-L1 preadipocytes. <i>Journal of Diabetes Investigation</i> , 2019, 10, 32-42.	1.1	6
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1867	TIGAR knockdown enhanced the anticancer effect of aescin via regulating autophagy and apoptosis in colorectal cancer cells. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 111-121.	2.8	20
1868	A systematic view on E3 ligase Ring TRIMmers with a focus on cardiac function and disease. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 1-8.	2.3	20
1869	Effects of Fluoride on Autophagy in Mouse Sertoli Cells. <i>Biological Trace Element Research</i> , 2019, 187, 499-505.	1.9	20
1870	Cell death cascade and molecular therapy in ADAR2-deficient motor neurons of ALS. <i>Neuroscience Research</i> , 2019, 144, 4-13.	1.0	25
1871	Rapamycin Confers Neuroprotection Against Aging-Induced Oxidative Stress, Mitochondrial Dysfunction, and Neurodegeneration in Old Rats Through Activation of Autophagy. <i>Rejuvenation Research</i> , 2019, 22, 60-70.	0.9	33

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1874	A dual-site controlled ratiometric probe revealing the simultaneous down-regulation of pH in lysosomes and cytoplasm during autophagy. <i>Chemical Communications</i> , 2019, 55, 10440-10443.	2.2	46
1875	Tetrahydroxystilbene Glucoside Suppresses NADPH Oxidative Stress to Mitigate Apoptosis and Autophagy Induced by Cerebral Ischemia/Reperfusion Injury in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	0.5	17
1876	Immunohistochemical expression of autophagosome markers LC3 and p62 in preneoplastic liver foci in high fat diet-fed rats. <i>Journal of Toxicological Sciences</i> , 2019, 44, 565-574.	0.7	5
1877	The Autophagy in Osteoimmunology: Self-Eating, Maintenance, and Beyond. <i>Frontiers in Endocrinology</i> , 2019, 10, 490.	1.5	33
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1879	Co-enzyme Q10 protects primary chicken myocardial cells from heat stress by upregulating autophagy and suppressing the PI3K/AKT/mTOR pathway. <i>Cell Stress and Chaperones</i> , 2019, 24, 1067-1078.	1.2	5
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1881	Paeonol induces cytoprotective autophagy via blocking the Akt/mTOR pathway in ovarian cancer cells. <i>Cell Death and Disease</i> , 2019, 10, 609.	2.7	62
1882	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
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1886	Molecular Characterization and Functional Analysis of Three Autophagy Genes, BxATG5, BxATG9, and BxATG16, in <i>Bursaphelenchus xylophilus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 3769.	1.8	3
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1888	Autophagy inhibition of cancer stem cells promotes the efficacy of cisplatin against non-small cell lung carcinoma. <i>Therapeutic Advances in Respiratory Disease</i> , 2019, 13, 175346661986609.	1.0	28
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1891	The link between advanced glycation end products and apoptosis in delayed wound healing. <i>Cell Biochemistry and Function</i> , 2019, 37, 432-442.	1.4	44
1892	Eupatilin protects chondrocytes from apoptosis via activating sestrin2-dependent autophagy. <i>International Immunopharmacology</i> , 2019, 75, 105748.	1.7	18
1893	Small molecules re-establish neural cell fate of human fibroblasts via autophagy activation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 622-632.	0.7	5
1894	Arbutin protects HK-2 cells against high glucose-induced apoptosis and autophagy by up-regulating microRNA-27a. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 2940-2947.	1.9	35
1895	Diverse Cellular Roles of Autophagy. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 453-475.	4.0	250
1896	Knockdown ATG4C inhibits gliomas progression and promotes temozolomide chemosensitivity by suppressing autophagic flux. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 298.	3.5	45
1897	Ectopic localization of autophagosome in fatty liver is a key factor for liver regeneration. <i>Organogenesis</i> , 2019, 15, 24-34.	0.4	6
1898	Effect of Autophagy Modulators on Vascular, Glial, and Neuronal Alterations in the Oxygen-Induced Retinopathy Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 279.	1.8	10
1899	Depletion of NBR1 in urothelial carcinoma cells enhances rapamycin-induced apoptosis through impaired autophagy and mitochondrial dysfunction. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19186-19201.	1.2	9
1900	cPLA2 activation contributes to lysosomal defects leading to impairment of autophagy after spinal cord injury. <i>Cell Death and Disease</i> , 2019, 10, 531.	2.7	35
1901	Emodin reactivated autophagy and alleviated inflammatory lung injury in mice with lethal endotoxemia. <i>Experimental Animals</i> , 2019, 68, 559-568.	0.7	19
1902	Regulation of autophagy in mesenchymal stem cells modulates therapeutic effects on spinal cord injury. <i>Brain Research</i> , 2019, 1721, 146321.	1.1	8
1903	Endosomes and Autophagy: Regulators of Pulmonary Endothelial Cell Homeostasis in Health and Disease. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 994-1008.	2.5	18
1904	Bif-1/Endophilin B1/SH3GLB1 regulates bone homeostasis. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18793-18804.	1.2	5
1905	Autophagy and cancer cell metabolism. <i>International Review of Cell and Molecular Biology</i> , 2019, 347, 145-190.	1.6	38
1906	Function of Atg11 in non-selective autophagy and selective autophagy of <i>Candida albicans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 1152-1158.	1.0	15
1907	The Impact of Mevastatin on HCV Replication and Autophagy of Non-Transformed HCV Replicon Hepatocytes Is Influenced by the Extracellular Lipid Uptake. <i>Frontiers in Pharmacology</i> , 2019, 10, 718.	1.6	6

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1909	Selective Autophagy of Mitochondria on a Ubiquitin-Endoplasmic-Reticulum Platform. <i>Developmental Cell</i> , 2019, 50, 627-643.e5.	3.1	101
1910	NPS2390, a selective calcium-sensing receptor antagonist controls the phenotypic modulation of hypoxic human pulmonary arterial smooth muscle cells by regulating autophagy. <i>Journal of Translational Internal Medicine</i> , 2019, 7, 59-68.	1.0	15
1911	Autophagy in periodontal ligament fibroblasts under biomechanical loading. <i>Cell and Tissue Research</i> , 2019, 378, 499-511.	1.5	16
1912	Cyclocarya paliurus triterpenic acids fraction attenuates kidney injury via AMPK-mTOR-regulated autophagy pathway in diabetic rats. <i>Phytomedicine</i> , 2019, 64, 153060.	2.3	46
1913	Establishment of a system for screening autophagic flux regulators using a modified fluorescent reporter and CRISPR/Cas9. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 686-692.	1.0	8
1914	Recent advances of induced pluripotent stem cells application in neurodegenerative diseases. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 95, 109674.	2.5	19
1915	MicroRNA as novel biomarkers and therapeutic targets in diabetic kidney disease: An update. <i>FASEB BioAdvances</i> , 2019, 1, 375-388.	1.3	25
1916	Transcriptional Regulation of Autophagy: Mechanisms and Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 114.	1.8	188
1917	Grass carp ATG5 and ATG12 promote autophagy but down-regulate the transcriptional expression levels of IFN-I signaling pathway. <i>Fish and Shellfish Immunology</i> , 2019, 92, 600-611.	1.6	14
1918	RINT1 Bi-allelic Variations Cause Infantile-Onset Recurrent Acute Liver Failure and Skeletal Abnormalities. <i>American Journal of Human Genetics</i> , 2019, 105, 108-121.	2.6	39
1919	Intracellular Trafficking Network and Autophagy of PHBHHx Nanoparticles and their Implications for Drug Delivery. <i>Scientific Reports</i> , 2019, 9, 9585.	1.6	9
1920	Metformin inhibits high glucose-induced mesangial cell proliferation, inflammation and ECM expression through the SIRT1-FOXO1-autophagy axis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019, 46, 813-820.	0.9	11
1921	Metabolism of Stem and Progenitor Cells: Proper Methods to Answer Specific Questions. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 151.	1.4	20
1922	Diverse Consequences in Liver Injury in Mice with Different Autophagy Functional Status Treated with Alcohol. <i>American Journal of Pathology</i> , 2019, 189, 1744-1762.	1.9	8
1923	A Comprehensive Review of Autophagy and Its Various Roles in Infectious, Non-Infectious, and Lifestyle Diseases: Current Knowledge and Prospects for Disease Prevention, Novel Drug Design, and Therapy. <i>Cells</i> , 2019, 8, 674.	1.8	154
1924	Bone marrow mesenchymal stem cell-derived exosomes attenuate D-GalN/LPS-induced hepatocyte apoptosis by activating autophagy in vitro. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 2887-2897.	2.0	63
1925	Three-dimensional testicular organoids as novel in vitro models of testicular biology and toxicology. <i>Environmental Epigenetics</i> , 2019, 5, dvz011.	0.9	28

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1929	BRG1 attenuates colonic inflammation and tumorigenesis through autophagy-dependent oxidative stress sequestration. Nature Communications, 2019, 10, 4614.	5.8	61
1930	LncRNAs as Regulators of Autophagy and Drug Resistance in Colorectal Cancer. Frontiers in Oncology, 2019, 9, 1008.	1.3	89
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1932	Autophagy is involved in allergic rhinitis by inducing airway remodeling. International Forum of Allergy and Rhinology, 2019, 9, 1346-1351.	1.5	18
1933	Autophagy inhibition induces the repolarisation of tumour-associated macrophages and enhances chemosensitivity of laryngeal cancer cells to cisplatin in mice. Cancer Immunology, Immunotherapy, 2019, 68, 1909-1920.	2.0	28
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1938	Induction of Lysosome-associated Protein Transmembrane 4 Beta via Sulfatase 2 Enhances Autophagic Flux in Liver Cancer Cells. Hepatology Communications, 2019, 3, 1520-1543.	2.0	4
1939	Electroconvulsive seizures induce autophagy by activating the AMPK signaling pathway in the rat frontal cortex. International Journal of Neuropsychopharmacology, 2020, 23, 42-52.	1.0	7
1940	Reactive Oxygen Species-Induced Lipid Peroxidation in Apoptosis, Autophagy, and Ferroptosis. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	1.9	947
1941	Hydrogen Sulfide Attenuates β 2-Microglobulin-Induced Cognitive Dysfunction: Involving Recovery of Hippocampal Autophagic Flux. Frontiers in Behavioral Neuroscience, 2019, 13, 244.	1.0	9
1942	Supramolecular Insights into Domino Effects of Ag@ZnO-Induced Oxidative Stress in Melanoma Cancer Cells. ACS Applied Materials & Interfaces, 2019, 11, 46408-46418.	4.0	22
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1945	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
1946	Transcriptome analysis reveals autophagy as regulator of TGF β ² /Smad-induced fibrogenesis in trabecular meshwork cells. <i>Scientific Reports</i> , 2019, 9, 16092.	1.6	21
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1948	Autophagy Regulation of Innate Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2019, , .	0.8	3
1949	TGF β -like DAF-7 acts as a systemic signal for autophagy regulation in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , 2019, 218, 3998-4006.	2.3	13
1950	Induction of Chemerin on Autophagy and Apoptosis in Dairy Cow Mammary Epithelial Cells. <i>Animals</i> , 2019, 9, 848.	1.0	6
1951	Smcr8 deficiency disrupts axonal transport-dependent lysosomal function and promotes axonal swellings and gain of toxicity in C9ALS/FTD mouse models. <i>Human Molecular Genetics</i> , 2019, 28, 3940-3953.	1.4	13
1952	Iron overload inhibits late stage autophagic flux leading to insulin resistance. <i>EMBO Reports</i> , 2019, 20, e47911.	2.0	61
1953	Effect of Ovariectomy and Ovarian Hormone Administration on Hepatic Autophagy in Female Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2019, 65, 357-361.	0.2	2
1954	Autophagy-Modulating Long Non-coding RNAs (LncRNAs) and Their Molecular Events in Cancer. <i>Frontiers in Genetics</i> , 2018, 9, 750.	1.1	35
1955	circARF3 Alleviates Mitophagy-Mediated Inflammation by Targeting miR-103/TRAF3 in Mouse Adipose Tissue. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 192-203.	2.3	59
1956	Flavorings-Related Lung Disease: A Brief Review and New Mechanistic Data. <i>Toxicologic Pathology</i> , 2019, 47, 1012-1026.	0.9	37
1957	Pentapeptide Protects INS-1 Cells From hIAPP-Mediated Apoptosis by Enhancing Autophagy Through mTOR Pathway. <i>Frontiers in Pharmacology</i> , 2019, 10, 896.	1.6	9
1958	The Autophagy-Cilia Axis: An Intricate Relationship. <i>Cells</i> , 2019, 8, 905.	1.8	27
1959	History and progress of hypotheses and clinical trials for Alzheimer's disease. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 29.	7.1	370
1960	Divide and conquer: two stem cell populations in squamous epithelia, reserves and the active duty forces. <i>International Journal of Oral Science</i> , 2019, 11, 26.	3.6	10
1961	Mechanisms and Pathophysiological Roles of the ATG8 Conjugation Machinery. <i>Cells</i> , 2019, 8, 973.	1.8	57

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1963	UVA-induced photoaging inhibits autophagic degradation by impairing lysosomal function in dermal fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 611-618.	1.0	11
1964	GSK343 induces autophagy and downregulates the AKT/mTOR signaling pathway in pancreatic cancer cells. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 2608-2616.	0.8	11
1965	Autophagic elimination of <i>Trypanosoma cruzi</i> in the presence of metals. <i>Journal of Microbiology</i> , 2019, 57, 918-926.	1.3	2
1966	The Efficacy and Mechanism of Chinese Herbal Medicine on Diabetic Kidney Disease. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-14.	1.0	54
1967	Current Progress of Mitochondrial Quality Control Pathways Underlying the Pathogenesis of Parkinson's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	27
1968	RIPK2-Mediated Autophagy and Negatively Regulated ROS-NLRP3 Inflammasome Signaling in GMCs Stimulated with High Glucose. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	1.4	19
1969	Distinct Tissue-Specific Roles for the Disease-Associated Autophagy Genes ATG16L2 and ATG16L1. <i>Journal of Immunology</i> , 2019, 203, 1820-1829.	0.4	18
1970	Protective effect of <i>Ganoderma atrum</i> polysaccharide on acrolein-induced macrophage injury via autophagy-dependent apoptosis pathway. <i>Food and Chemical Toxicology</i> , 2019, 133, 110757.	1.8	21
1971	High-fat and high-cholesterol diet decreases phosphorylated inositol-requiring kinase-1 and inhibits autophagy process in rat liver. <i>Scientific Reports</i> , 2019, 9, 12514.	1.6	11
1972	Metformin improves the sensitivity of ovarian cancer cells to chemotherapeutic agents. <i>Oncology Letters</i> , 2019, 18, 2404-2411.	0.8	21
1973	Endoplasmic Reticulum Stress and Autophagy. , 2019, , .		3
1974	Î²-cell autophagy: Mechanism and role in Î²-cell dysfunction. <i>Molecular Metabolism</i> , 2019, 27, S92-S103.	3.0	58
1975	Autophagy: A novel mechanism of chemoresistance in cancers. <i>Biomedicine and Pharmacotherapy</i> , 2019, 119, 109415.	2.5	124
1976	Downregulated lncRNA-SNHG1 enhances autophagy and prevents cell death through the miR-221/222/p27/mTOR pathway in Parkinson's disease. <i>Experimental Cell Research</i> , 2019, 384, 111614.	1.2	55
1977	Therapeutic Approaches in Mitochondrial Dysfunction, Inflammation, and Autophagy in Uremic Cachexia: Role of Aerobic Exercise. <i>Mediators of Inflammation</i> , 2019, 2019, 1-11.	1.4	15
1978	Denatonium Benzoate-Induces Oxidative Stress in the Heart and Kidney of Chinese Fast Yellow Chickens by Regulating Apoptosis, Autophagy, Antioxidative Activities and Bitter Taste Receptor Gene Expressions. <i>Animals</i> , 2019, 9, 701.	1.0	5
1979	Transplantation of Human Urine-Derived Stem Cells Ameliorates Erectile Function and Cavernosal Endothelial Function by Promoting Autophagy of Corpus Cavernosal Endothelial Cells in Diabetic Erectile Dysfunction Rats. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	21

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1981	Cell Competition Is Driven by Autophagy. <i>Developmental Cell</i> , 2019, 51, 99-112.e4.	3.1	63
1982	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
1983	Depalmitoylation by Palmitoyl-Protein Thioesterase 1 in Neuronal Health and Degeneration. <i>Frontiers in Synaptic Neuroscience</i> , 2019, 11, 25.	1.3	38
1984	<p>Downregulated MCOLN1 Attenuates The Progression Of Non-Small-Cell Lung Cancer By Inhibiting Lysosome-Autophagy</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 8607-8617.	0.9	17
1985	Connexin 43â€™autophagy loop in the podocyte injury of diabetic nephropathy. <i>International Journal of Molecular Medicine</i> , 2019, 44, 1781-1788.	1.8	11
1986	Crosstalk between Mitochondrial Ca ²⁺ Uptake and Autophagy in Skeletal Muscle. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	8
1987	Pleiotropic Effects of mTOR and Autophagy During Development and Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 192.	1.8	83
1988	Lanthanum chloride induces autophagy in rat hippocampus through ROS-mediated JNK and AKT/mTOR signaling pathways. <i>Metallomics</i> , 2019, 11, 439-453.	1.0	19
1989	A lysosomal chloride ion-selective fluorescent probe for biological applications. <i>Chemical Science</i> , 2019, 10, 56-66.	3.7	45
1990	Luteolin suppresses lipopolysaccharideâ€™induced cardiomyocyte hypertrophy and autophagy inï½vitro. <i>Molecular Medicine Reports</i> , 2019, 19, 1551-1560.	1.1	10
1991	Pacer Is a Mediator of mTORC1 and GSK3-TIP60 Signaling in Regulation of Autophagosome Maturation and Lipid Metabolism. <i>Molecular Cell</i> , 2019, 73, 788-802.e7.	4.5	77
1992	Recombinant asialoerythropoetin protects HL-1 cardiomyocytes from injury via suppression of Mst1 activation. <i>Biochemistry and Biophysics Reports</i> , 2019, 17, 157-168.	0.7	10
1993	FoxO1 inhibits autophagosome-lysosome fusion leading to endothelial autophagic-apoptosis in diabetes. <i>Cardiovascular Research</i> , 2019, 115, 2008-2020.	1.8	50
1994	Modulation of Autophagy Influences the Function and Survival of Human Pancreatic Beta Cells Under Endoplasmic Reticulum Stress Conditions and in Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2019, 10, 52.	1.5	67
1995	Inhibition of GSK-3Î² alleviates cerebral ischemia/reperfusion injury in rats by suppressing NLRP3 inflammasome activation through autophagy. <i>International Immunopharmacology</i> , 2019, 68, 234-241.	1.7	73
1996	Impaired mitophagy triggers NLRP3 inflammasome activation during the progression from nonalcoholic fatty liver to nonalcoholic steatohepatitis. <i>Laboratory Investigation</i> , 2019, 99, 749-763.	1.7	98
1997	Autophagy: Dual Response in the Development of Hepatocellular Carcinoma. <i>Cells</i> , 2019, 8, 91.	1.8	67

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1999	Downregulation of G2/mitotic-specific cyclinB1 triggers autophagy via AMPK-ULK1-dependent signal pathway in nasopharyngeal carcinoma cells. <i>Cell Death and Disease</i> , 2019, 10, 94.	2.7	26
2000	Sirtuin 6 overexpression relieves sepsis-induced acute kidney injury by promoting autophagy. <i>Cell Cycle</i> , 2019, 18, 425-436.	1.3	60
2001	SOD1 activity threshold and TOR signalling modulate VAP(P58S) aggregation via ROS-induced proteasomal degradation in a <i>Drosophila</i> model of Amyotrophic Lateral Sclerosis. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	14
2002	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
2003	The ALS-FTD-linked gene product, C9orf72, regulates neuronal morphogenesis via autophagy. <i>Autophagy</i> , 2019, 15, 827-842.	4.3	64
2004	Differential effects of rapamycin on with different virulence and differential expression of autophagy genes under stresses in nematodes. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 254-262.	0.9	11
2005	The Mechanism and Pathways of Dopamine and Dopamine Agonists in Prolactinomas. <i>Frontiers in Endocrinology</i> , 2018, 9, 768.	1.5	46
2006	Curcumin and Solid Lipid Curcumin Particles Induce Autophagy, but Inhibit Mitophagy and the PI3K-Akt/mTOR Pathway in Cultured Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 399.	1.8	71
2007	Mitochondrial stress triggers a pro-survival response through epigenetic modifications of nuclear DNA. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1397-1417.	2.4	7
2008	Paclitaxel alleviates monocrotaline-induced pulmonary arterial hypertension via inhibition of FoxO1-mediated autophagy. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 605-613.	1.4	15
2009	MITF has a central role in regulating starvation-induced autophagy in melanoma. <i>Scientific Reports</i> , 2019, 9, 1055.	1.6	66
2010	Therapeutic Modulation of Autophagy in Leukaemia and Lymphoma. <i>Cells</i> , 2019, 8, 103.	1.8	37
2011	A genetic model of CEDNIK syndrome in zebrafish highlights the role of the SNARE protein Snap29 in neuromotor and epidermal development. <i>Scientific Reports</i> , 2019, 9, 1211.	1.6	19
2012	SET protein accumulation prevents cell death in head and neck squamous cell carcinoma through regulation of redox state and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 623-637.	1.9	10
2013	Oncogene SRSF3 suppresses autophagy via inhibiting BECN1 expression. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 966-972.	1.0	18
2014	Crosstalk between P53 and DNA damage response in ageing. <i>DNA Repair</i> , 2019, 80, 8-15.	1.3	24
2015	Enhancing tumor chemotherapy and overcoming drug resistance through autophagy-mediated intracellular dissolution of zinc oxide nanoparticles. <i>Nanoscale</i> , 2019, 11, 11789-11807.	2.8	67

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2017	Recent progress in the role of autophagy in neurological diseases. <i>Cell Stress</i> , 2019, 3, 141-161.	1.4	40
2018	Pretreatment with vildagliptin boosts ischemic-postconditioning effects on cardioprotection and expression profile of genes regulating autophagy and mitochondrial fission/fusion in diabetic heart with reperfusion injury. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 1371-1382.	1.4	7
2019	The potential immunotoxicity of fine particulate matter based on SD rat spleen. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23958-23966.	2.7	12
2020	Orientin Improves Cognition by Enhancing Autophagosome Clearance in an Alzheimer's Mouse Model. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 246-253.	1.1	15
2021	Exosomes and autophagy: rekindling the vesicular waste hypothesis. <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 443-450.	1.8	51
2022	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
2023	TP53BP2 decreases cell proliferation and induces autophagy in neuroblastoma cell lines. <i>Oncology Letters</i> , 2019, 17, 4976-4984.	0.8	2
2024	Essential and distinct roles of phosphatidylinositol 4-kinases, Pik1p and Stt4p, in yeast autophagy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1214-1225.	1.2	9
2025	Autophagy induction in atrophic muscle cells requires ULK1 activation by TRIM32 through unanchored K63-linked polyubiquitin chains. <i>Science Advances</i> , 2019, 5, eaau8857.	4.7	74
2026	Insulin and Autophagy in Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 491.	1.4	38
2027	Protective effect and mechanisms of exogenous neutrophil gelatinase-associated lipocalin on lipopolysaccharide-induced injury of renal tubular epithelial cell. <i>Biochemical and Biophysical Research Communications</i> , 2019, 515, 104-111.	1.0	5
2028	Effects of ricin on primary pulmonary alveolar macrophages. <i>Journal of International Medical Research</i> , 2019, 47, 3763-3777.	0.4	4
2029	Knockdown of TRIM65 inhibits autophagy and cisplatin resistance in A549/DDP cells by regulating miR-138-5p/ATG7. <i>Cell Death and Disease</i> , 2019, 10, 429.	2.7	111
2030	Dysregulated autophagy in muscle precursor cells from humans with type 2 diabetes. <i>Scientific Reports</i> , 2019, 9, 8169.	1.6	16
2031	Enhancing the Astrocytic Clearance of Extracellular α -Synuclein Aggregates by Ginkgolides Attenuates Neural Cell Injury. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 1017-1028.	1.7	24
2032	<p>PINK1 mediates spinal cord mitophagy in neuropathic pain</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 1685-1699.	0.8	15
2033	Combination of targeting CD24 and inhibiting autophagy suppresses the proliferation and enhances the apoptosis of colorectal cancer cells. <i>Molecular Medicine Reports</i> , 2019, 20, 539-548.	1.1	5

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2035	Harnessing Calcium Oxalate (CaOx) Nanocrystal-Induced Prodeath Autophagy for Attenuating Human Renal Proximal Tubular Epithelial Cell Injury. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900083.	1.2	4
2036	Association between autophagy and rapid eye movement sleep loss-associated neurodegenerative and patho-physio-behavioral changes. <i>Sleep Medicine</i> , 2019, 63, 29-37.	0.8	24
2037	Porcine Reproductive and Respiratory Syndrome Virus Activates Lipophagy To Facilitate Viral Replication through Downregulation of NDRG1 Expression. <i>Journal of Virology</i> , 2019, 93, .	1.5	31
2038	The Best for the Most Important: Maintaining a Pristine Proteome in Stem and Progenitor Cells. <i>Stem Cells International</i> , 2019, 2019, 1-20.	1.2	1
2039	Cardiac hypertrophy is stimulated by altered training intensity and correlates with autophagy modulation in male Wistar rats. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2019, 11, 9.	0.7	9
2040	Inhibition of Autophagy Prolongs Recipient Survival Through Promoting CD8+ T Cell Apoptosis in a Rat Liver Transplantation Model. <i>Frontiers in Immunology</i> , 2019, 10, 1356.	2.2	15
2041	Autophagy precedes apoptosis during degeneration of the K \check{A} lliker's organ in the development of rat cochlea. <i>European Journal of Histochemistry</i> , 2019, 63, .	0.6	19
2042	The clinical impact and biological mechanisms of skeletal muscle aging. <i>Bone</i> , 2019, 127, 26-36.	1.4	46
2043	Matrine induces apoptosis and autophagy of glioma cell line U251 by regulation of circRNA-104075/BCL-9. <i>Chemico-Biological Interactions</i> , 2019, 308, 198-205.	1.7	43
2044	Cytotoxic effects of bio-pesticide spinosad on human lung A549 cells. <i>Chemosphere</i> , 2019, 230, 182-189.	4.2	16
2045	Role of autophagy in atherosclerosis: foe or friend?. <i>Journal of Inflammation</i> , 2019, 16, 8.	1.5	64
2046	Clearance of damaged mitochondria via mitophagy is important to the protective effect of ischemic preconditioning in kidneys. <i>Autophagy</i> , 2019, 15, 2142-2162.	4.3	157
2047	The immunoproteasome catalytic β 5i subunit regulates cardiac hypertrophy by targeting the autophagy protein ATG5 for degradation. <i>Science Advances</i> , 2019, 5, eaau0495.	4.7	58
2048	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
2049	p53 at the Crossroads between Different Types of HDAC Inhibitor-Mediated Cancer Cell Death. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2415.	1.8	67
2050	Autophagy and vacuolar biogenesis during the nectary development. <i>Planta</i> , 2019, 250, 519-533.	1.6	11
2051	Structural Properties and Interaction Partners of Familial ALS-Associated SOD1 Mutants. <i>Frontiers in Neurology</i> , 2019, 10, 527.	1.1	74

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2052	Determinants of Ion-Transporter Cancer Cell Death. <i>CheM</i> , 2019, 5, 2079-2098.	5.8	73
2053	Kallikrein 12 Regulates Innate Resistance of Murine Macrophages against <i>Mycobacterium bovis</i> Infection by Modulating Autophagy and Apoptosis. <i>Cells</i> , 2019, 8, 415.	1.8	6
2054	Current Understanding of Autophagy in Pregnancy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2342.	1.8	69
2055	Sirt1 improves functional recovery by regulating autophagy of astrocyte and neuron after brain injury. <i>Brain Research Bulletin</i> , 2019, 150, 42-49.	1.4	20
2056	Kinetic versus thermodynamic control of mutational effects on protein homeostasis: A perspective from computational modeling and experiment. <i>Protein Science</i> , 2019, 28, 1324-1339.	3.1	5
2057	The New Role of Sirtuin1 in Human Osteoarthritis Chondrocytes by Regulating Autophagy. <i>Cartilage</i> , 2021, 13, 1237S-1248S.	1.4	18
2058	7â€œDeoxynarciclasine shows promising antitumor efficacy by targeting Akt against hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2019, 145, 3334-3346.	2.3	7
2059	Chloroquine inhibits tumor-related Kv10.1 channel and decreases migration of MDA-MB-231 breast cancer cells in vitro. <i>European Journal of Pharmacology</i> , 2019, 855, 262-266.	1.7	19
2060	Activated Fibroblast Program Orchestrates Tumor Initiation and Progression; Molecular Mechanisms and the Associated Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2256.	1.8	97
2061	Redox-Related Neuronal Death and Crosstalk as Drug Targets: Focus on Epilepsy. <i>Frontiers in Neuroscience</i> , 2019, 13, 512.	1.4	68
2062	Differences in autophagy-associated mRNAs in peritoneal fluid of patients with endometriosis and gynecologic cancers. <i>European Journal of Obstetrics and Gynecology and Reproductive Biology: X</i> , 2019, 2, 100016.	0.6	4
2063	Selective Autophagy: RNA Comes from the Vault toâ€œRegulate p62/SQSTM1. <i>Current Biology</i> , 2019, 29, R297-R299.	1.8	3
2064	Autophagy activity and expression pattern of autophagy-related markers in the podocytes of patients with lupus nephritis: association with pathological classification. <i>Renal Failure</i> , 2019, 41, 294-302.	0.8	12
2065	An update on the interactions between Alzheimer's disease, autophagy and inflammation. <i>Gene</i> , 2019, 705, 157-166.	1.0	62
2066	Identification and Characterization of Four Autophagy-Related Genes That Are Expressed in Response to Hypoxia in the Brain of the Oriental River Prawn (<i>Macrobrachium nipponense</i>). <i>International Journal of Molecular Sciences</i> , 2019, 20, 1856.	1.8	8
2067	Ai-lncRNA EGOT enhancing autophagy sensitizes paclitaxel cytotoxicity via upregulation of ITPR1 expression by RNA-RNA and RNA-protein interactions in human cancer. <i>Molecular Cancer</i> , 2019, 18, 89.	7.9	95
2068	Modulating autophagy in mesenchymal stem cells effectively protects against hypoxia- or ischemia-induced injury. <i>Stem Cell Research and Therapy</i> , 2019, 10, 120.	2.4	50
2069	Phenanthroimidazole derivatives act as potent inducer of autophagy by activating DNA damage pathway. <i>Bioorganic Chemistry</i> , 2019, 88, 102940.	2.0	7

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2070	Intrinsically Disordered Protein TEX264 Mediates ER-phagy. <i>Molecular Cell</i> , 2019, 74, 909-921.e6.	4.5	231
2071	RNA binding to p62 impacts selective autophagy. <i>Cell Research</i> , 2019, 29, 512-513.	5.7	2
2072	Polyethers isolated from the marine actinobacterium <i>Streptomyces cacaoi</i> inhibit autophagy and induce apoptosis in cancer cells. <i>Chemico-Biological Interactions</i> , 2019, 307, 167-178.	1.7	20
2073	Proximal Tubule Autophagy Differs in Type 1 and 2 Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 929-945.	3.0	61
2074	Short-term high salt intake impairs hepatic mitochondrial bioenergetics and biosynthesis in SIRT3 knockout mice. <i>Free Radical Research</i> , 2019, 53, 387-396.	1.5	6
2075	Vrl1 relies on its VPS9 domain to play a role in autophagy in <i>Saccharomyces cerevisiae</i> . <i>Cell Biology International</i> , 2019, 43, 875-889.	1.4	1
2076	Final-2 targeted glycolysis mediated apoptosis and autophagy in human lung adenocarcinoma cells but failed to inhibit xenograft in nude mice. <i>Food and Chemical Toxicology</i> , 2019, 130, 1-11.	1.8	8
2077	Daphnetin prevents methicillin-resistant <i>Staphylococcus aureus</i> infection by inducing autophagic response. <i>International Immunopharmacology</i> , 2019, 72, 195-203.	1.7	15
2078	Silencing of SNHG6 induced cell autophagy by targeting miR-26a-5p/ULK1 signaling pathway in human osteosarcoma. <i>Cancer Cell International</i> , 2019, 19, 82.	1.8	40
2079	Increased expression of YAP is associated with decreased cell autophagy in the eutopic endometrial stromal cells of endometriosis. <i>Molecular and Cellular Endocrinology</i> , 2019, 491, 110432.	1.6	22
2080	Lead alters intracellular protein signaling and suppresses pro-inflammatory activation in TLR4 and IFNR-stimulated murine RAW 264.7 cells, in vitro. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 279-298.	1.1	4
2081	Alborexin clears amyloid-Î² by inducing autophagy through PTEN-mediated inhibition of the AKT pathway. <i>Autophagy</i> , 2019, 15, 1810-1828.	4.3	81
2082	Adrenergic modulation of AMPK-dependent autophagy by chronic stress enhances cell proliferation and survival in gastric cancer. <i>International Journal of Oncology</i> , 2019, 54, 1625-1638.	1.4	41
2083	Suppression of autophagy during mitosis via CUL4-RING ubiquitin ligases-mediated WIPI2 polyubiquitination and proteasomal degradation. <i>Autophagy</i> , 2019, 15, 1917-1934.	4.3	45
2084	Insights into autophagy machinery in cells related to skin diseases and strategies for therapeutic modulation. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108775.	2.5	18
2085	Autophagy induction by xanthoangelol exhibits anti-metastatic activities in hepatocellular carcinoma. <i>Cell Biochemistry and Function</i> , 2019, 37, 128-138.	1.4	20
2086	Lipotoxicity and Î² Cell Maintenance in Obesity and Type 2 Diabetes. <i>Journal of the Endocrine Society</i> , 2019, 3, 617-631.	0.1	67
2087	Activated CRH receptors inhibit autophagy by repressing conversion of LC3BI to LC3BII. <i>Cellular Signalling</i> , 2019, 58, 119-130.	1.7	11

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2089	Autophagy in the Heart. <i>Circulation Journal</i> , 2019, 83, 697-704.	0.7	45
2090	The stability of Magoh and Y14 depends on their heterodimer formation and nuclear localization. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 631-636.	1.0	4
2091	Renal denervation attenuates pressure overload-induced cardiac remodelling in rats with biphasic regulation of autophagy. <i>Acta Physiologica</i> , 2019, 226, e13272.	1.8	10
2092	Autophagy in Crotonaldehyde-Induced Endothelial Toxicity. <i>Molecules</i> , 2019, 24, 1137.	1.7	7
2093	Autophagy in Ovarian Follicular Development and Atresia. <i>International Journal of Biological Sciences</i> , 2019, 15, 726-737.	2.6	142
2094	5-aminolevulinic acid photodynamic therapy reduces HPV viral load via autophagy and apoptosis by modulating Ras/Raf/MEK/ERK and PI3K/AKT pathways in HeLa cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 194, 46-55.	1.7	48
2095	Autophagy in regulatory T cells: A double-edged sword in disease settings. <i>Molecular Immunology</i> , 2019, 109, 43-50.	1.0	16
2096	Melatonin-mediated regulation of autophagy: Making sense of double-edged sword in cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 17011-17022.	2.0	16
2097	The emerging role of STING-dependent signaling on cell death. <i>Immunologic Research</i> , 2019, 67, 290-296.	1.3	17
2098	Parkin Promotes Mitophagic Cell Death in Adult Hippocampal Neural Stem Cells Following Insulin Withdrawal. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 46.	1.4	28
2099	Synthesis and evaluation of novel benzotropolones as Atg4B inhibiting autophagy blockers. <i>Bioorganic Chemistry</i> , 2019, 87, 163-168.	2.0	10
2100	Traumatic Spinal Cord Injury: An Overview of Pathophysiology, Models and Acute Injury Mechanisms. <i>Frontiers in Neurology</i> , 2019, 10, 282.	1.1	698
2101	Differential effects of ginkgol C17:1 on cisplatin-induced cytotoxicity: Protecting human normal LO2 hepatocytes versus sensitizing human hepatoma HepG2 cells. <i>Oncology Letters</i> , 2019, 17, 3181-3190.	0.8	8
2102	Spermidine Confers Liver Protection by Enhancing NRF2 Signaling Through a MAP1S-Mediated Noncanonical Mechanism. <i>Hepatology</i> , 2019, 70, 372-388.	3.6	42
2103	Size-adjustable micelles co-loaded with a chemotherapeutic agent and an autophagy inhibitor for enhancing cancer treatment via increased tumor retention. <i>Acta Biomaterialia</i> , 2019, 89, 300-312.	4.1	32
2104	Selected Aspects of Chemoresistance Mechanisms in Colorectal Carcinoma—A Focus on Epithelial-to-Mesenchymal Transition, Autophagy, and Apoptosis. <i>Cells</i> , 2019, 8, 234.	1.8	46
2105	Enhanced autophagic-lysosomal activity and increased BAG3-mediated selective macroautophagy as adaptive response of neuronal cells to chronic oxidative stress. <i>Redox Biology</i> , 2019, 24, 101181.	3.9	25

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2107	Tumor-associated macrophages modulate resistance to oxaliplatin via inducing autophagy in hepatocellular carcinoma. <i>Cancer Cell International</i> , 2019, 19, 71.	1.8	92
2108	Apigenin Combined With Gefitinib Blocks Autophagy Flux and Induces Apoptotic Cell Death Through Inhibition of HIF-1 α , c-Myc, p-EGFR, and Glucose Metabolism in EGFR L858R+T790M-Mutated H1975 Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 260.	1.6	44
2109	Cell-Based Assays for Evaluation of Autophagy in Cancers. , 2019, , .		0
2110	The effect of medicinal plants on multiple drug resistance through autophagy: A review of in vitro studies. <i>European Journal of Pharmacology</i> , 2019, 852, 244-253.	1.7	26
2111	Chloroplast Degradation: Multiple Routes Into the Vacuole. <i>Frontiers in Plant Science</i> , 2019, 10, 359.	1.7	54
2112	Diverse Role of SNARE Protein Sec22 in Vesicle Trafficking, Membrane Fusion, and Autophagy. <i>Cells</i> , 2019, 8, 337.	1.8	25
2113	The LIM-Only Protein FHL2 is involved in Autophagy to Regulate the Development of Skeletal Muscle Cell. <i>International Journal of Biological Sciences</i> , 2019, 15, 838-846.	2.6	7
2114	Bacterial interaction with host autophagy. <i>Virulence</i> , 2019, 10, 352-362.	1.8	33
2115	The roles of apoptosis, autophagy and unfolded protein response in arbovirus, influenza virus, and HIV infections. <i>Virulence</i> , 2019, 10, 376-413.	1.8	165
2116	Targeting autophagy enhances the anticancer effect of artemisinin and its derivatives. <i>Medicinal Research Reviews</i> , 2019, 39, 2172-2193.	5.0	80
2117	High fructose diet induces early mortality via autophagy factors accumulation in the rostral ventrolateral medulla as ameliorated by pioglitazone. <i>Journal of Nutritional Biochemistry</i> , 2019, 69, 87-97.	1.9	6
2118	Stress " (self) eating": Epigenetic regulation of autophagy in response to psychological stress. <i>FEBS Journal</i> , 2019, 286, 2447-2460.	2.2	16
2119	Autophagy in pulmonary hypertension: Emerging roles and therapeutic implications. <i>Journal of Cellular Physiology</i> , 2019, 234, 16755-16767.	2.0	16
2120	An ATG5 knockout promotes paclitaxel resistance in v-Ha-ras-transformed NIH 3T3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 234-241.	1.0	9
2121	Autophagy at synapses in neurodegenerative diseases. <i>Archives of Pharmacal Research</i> , 2019, 42, 407-415.	2.7	32
2122	Watch What You (Self-) Eat: Autophagic Mechanisms that Modulate Metabolism. <i>Cell Metabolism</i> , 2019, 29, 803-826.	7.2	206
2123	Autophagy regulates lipid metabolism through selective turnover of NCoR1. <i>Nature Communications</i> , 2019, 10, 1567.	5.8	143

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2124	KCNQ1OT1 promotes autophagy by regulating miR-200a/FOXO3/ATG7 pathway in cerebral ischemic stroke. <i>Aging Cell</i> , 2019, 18, e12940.	3.0	100
2125	Systematic investigation of intracellular trafficking behavior of one-dimensional alumina nanotubes. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2043-2053.	2.9	7
2126	Autophagy as a Therapeutic Target to Enhance Aged Muscle Regeneration. <i>Cells</i> , 2019, 8, 183.	1.8	44
2127	Mechanical insights into the regulation of programmed cell death by p53 via mitochondria. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 839-848.	1.9	42
2128	Autophagy and Novel Therapeutic Strategies in Neuroblastoma. , 2019, , 95-112.		1
2129	Autophagy Activation is Associated with Neuroprotection in Diabetes-associated Cognitive Decline. , 2019, 10, 1233.		25
2130	Nicotine-mediated autophagy of vascular smooth muscle cell accelerates atherosclerosis via nAChRs/ROS/NF- κ B signaling pathway. <i>Atherosclerosis</i> , 2019, 284, 1-10.	0.4	73
2131	Exogenous Netrin-1 Inhibits Autophagy of Ischemic Brain Tissues and Hypoxic Neurons via PI3K/mTOR Pathway in Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1338-1345.	0.7	24
2132	Regulatory role of Wdr24 in autophagy activity during zebrafish embryogenesis. <i>Molecular and Cellular Toxicology</i> , 2019, 15, 85-92.	0.8	3
2133	Regulation of the innate immune system by autophagy: monocytes, macrophages, dendritic cells and antigen presentation. <i>Cell Death and Differentiation</i> , 2019, 26, 715-727.	5.0	205
2134	Inhibited Endogenous H ₂ S Generation and Excessive Autophagy in Hippocampus Contribute to Sleep Deprivation-Induced Cognitive Impairment. <i>Frontiers in Psychology</i> , 2019, 10, 53.	1.1	23
2135	Spironolactone alleviates diabetic nephropathy through promoting autophagy in podocytes. <i>International Urology and Nephrology</i> , 2019, 51, 755-764.	0.6	38
2136	Regulation of the innate immune system by autophagy: neutrophils, eosinophils, mast cells, NK cells. <i>Cell Death and Differentiation</i> , 2019, 26, 703-714.	5.0	77
2137	Autophagy inhibition with chloroquine reverts paclitaxel resistance and attenuates metastatic potential in human nonsmall lung adenocarcinoma A549 cells via ROS mediated modulation of β -catenin pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 414-433.	2.2	61
2138	Induction of autophagy in Cx3cr1+ mononuclear cells limits IL-23/IL-22 axis-mediated intestinal fibrosis. <i>Mucosal Immunology</i> , 2019, 12, 612-623.	2.7	44
2139	LIPOPHAGY: a novel form of steroidogenic activity within the LEYDIG cell during the reproductive cycle of turtle. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 19.	1.4	17
2140	MIR-1265 regulates cellular proliferation and apoptosis by targeting calcium binding protein 39 in gastric cancer and, thereby, impairing oncogenic autophagy. <i>Cancer Letters</i> , 2019, 449, 226-236.	3.2	60
2141	In the absence of apoptosis, myeloid cells arrest when deprived of growth factor, but remain viable by consuming extracellular glucose. <i>Cell Death and Differentiation</i> , 2019, 26, 2074-2085.	5.0	0

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2143	Cadmium Toxicity. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2019, , .	0.1	10
2144	Synaptosomal-associated protein 29 is required for the autophagic degradation of hepatitis B virus. <i>FASEB Journal</i> , 2019, 33, 6023-6034.	0.2	27
2145	Three-dimensional ultrastructure and hyperspectral imaging of metabolite accumulation and dynamics in <i>Haematococcus</i> and <i>Chlorella</i> . <i>Microscopy (Oxford, England)</i> , 2019, 68, 57-68.	0.7	4
2146	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
2147	Analysis of autophagy activated during changes in carbon source availability in yeast cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 5590-5603.	1.6	31
2148	Novel Mechanisms of Cadmium-Induced Toxicity in Renal Cells. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2019, , 153-162.	0.1	4
2149	The autophagy-related gene Atg101 in <i>Drosophila</i> regulates both neuron and midgut homeostasis. <i>Journal of Biological Chemistry</i> , 2019, 294, 5666-5676.	1.6	25
2150	Trehalose as a promising therapeutic candidate for the treatment of Parkinson's disease. <i>British Journal of Pharmacology</i> , 2019, 176, 1173-1189.	2.7	73
2151	Autophagy-related Djatg8 is required for remodeling in planarians <i>Dugesia japonica</i> . <i>Biology Open</i> , 2019, 8, .	0.6	4
2152	How To Identify Autophagy Modulators. <i>Plant Physiology</i> , 2019, 181, 853-854.	2.3	1
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2155	Role of Autophagy in Parkinson's Disease. <i>Current Medicinal Chemistry</i> , 2019, 26, 3702-3718.	1.2	91
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2157	Effects of ALS-associated TANK binding kinase 1 mutations on protein-protein interactions and kinase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24517-24526.	3.3	37
2158	Punicalagin Reversed the Hepatic Injury of Tetrachloromethane by Antioxidation and Enhancement of Autophagy. <i>Journal of Medicinal Food</i> , 2019, 22, 1271-1279.	0.8	10
2159	Catalpol Ameliorates Podocyte Injury by Stabilizing Cytoskeleton and Enhancing Autophagy in Diabetic Nephropathy. <i>Frontiers in Pharmacology</i> , 2019, 10, 1477.	1.6	43
2160	Regulation of autophagy: a promising therapeutic target for the treatment of hearing loss. <i>Journal of Bio-X Research</i> , 2019, 2, 57-61.	0.3	1

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2163	Analysis of autophagy-related genes and associated noncoding RNAs and transcription factors in digestive system tumors. <i>Future Oncology</i> , 2019, 15, 4141-4154.	1.1	3
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2170	Blocking AMPK/ULK1-dependent autophagy promoted apoptosis and suppressed colon cancer growth. <i>Cancer Cell International</i> , 2019, 19, 336.	1.8	44
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2183	The emerging interrelation between ROCO and related kinases, intracellular Ca ²⁺ signaling, and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1054-1067.	1.9	3
2184	Chlorophagy is <i>ATG</i> gene-dependent microautophagy process. <i>Plant Signaling and Behavior</i> , 2019, 14, 1554469.	1.2	21
2185	Autophagy-dependent cell death. <i>Cell Death and Differentiation</i> , 2019, 26, 605-616.	5.0	483
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2187	Insulin in high concentration recede cigarette smoke extract induced cellular senescence of airway epithelial cell through autophagy pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 498-505.	1.0	5
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2189	Amino acid starvation accelerates replication of Ibaraki virus. <i>Virus Research</i> , 2019, 260, 94-101.	1.1	5
2190	CKD autophagy activation and skeletal muscle atrophy—a preliminary study of mitophagy and inflammation. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 950-960.	1.3	25
2191	Paeoniflorin attenuates oxidized low-density lipoprotein-induced apoptosis and adhesion molecule expression by autophagy enhancement in human umbilical vein endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9291-9299.	1.2	31
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2196	Autophagy and its role in gastric cancer. <i>Clinica Chimica Acta</i> , 2019, 489, 10-20.	0.5	119
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2204	Nitrite Protects Neurons Against Hypoxic Damage Through <i>S</i> -nitrosylation of Caspase-6. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 109-126.	2.5	7
2205	Epidermal growth factor receptor and podocin predict nephropathy progression in type 2 diabetic patients through interaction with the autophagy influencer ULK-1. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 128-133.	1.2	7
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2207	Peeking Inside the Black Box: A New Kind of Scientific Visualization. <i>Minds and Machines</i> , 2019, 29, 87-107.	2.7	7
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2224	Biological Functions of Autophagy Genes: A Disease Perspective. <i>Cell</i> , 2019, 176, 11-42.	13.5	1,721
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2240	Xeroderma pigmentosum: overview of pharmacology and novel therapeutic strategies for neurological symptoms. <i>British Journal of Pharmacology</i> , 2019, 176, 4293-4301.	2.7	26
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2250	Cannabinoid receptor 2: a potential novel therapeutic target for sepsis?. <i>Acta Clinica Belgica</i> , 2019, 74, 70-74.	0.5	17
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2260	Autophagy in Pulmonary Innate Immunity. <i>Journal of Innate Immunity</i> , 2020, 12, 21-30.	1.8	13
2261	An atypical LIR motif within UBA5 (ubiquitin like modifier activating enzyme 5) interacts with GABARAP proteins and mediates membrane localization of UBA5. <i>Autophagy</i> , 2020, 16, 256-270.	4.3	41
2262	ER platforms mediating autophagosome generation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158433.	1.2	28
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2267	Autophagy in Autoimmunity. , 2020, , 305-317.		0
2268	Emerging therapeutic roles of exosomes in HIV-1 infection. , 2020, , 147-178.		6
2269	LncRNA NEAT1 promotes autophagy via regulating miRâ€204/ATG3 and enhanced cell resistance to sorafenib in hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 3402-3413.	2.0	82

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2273	Autophagy role(s) in response to oncogenes and DNA replication stress. <i>Cell Death and Differentiation</i> , 2020, 27, 1134-1153.	5.0	57
2274	Subnanometer resolution cryo-EM structure of <i>Arabidopsis thaliana</i> ATG9. <i>Autophagy</i> , 2020, 16, 575-583.	4.3	36
2275	Mediterranean diet and health status: Active ingredients and pharmacological mechanisms. <i>British Journal of Pharmacology</i> , 2020, 177, 1241-1257.	2.7	163
2276	Apelin/APJ system: A novel promising target for neurodegenerative diseases. <i>Journal of Cellular Physiology</i> , 2020, 235, 638-657.	2.0	32
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2712	Review: ER stress-induced cell death in osteoarthritic cartilage. <i>Cellular Signalling</i> , 2021, 78, 109880.	1.7	54
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2721	A novel Diels-Alder adduct of mulberry leaves exerts anticancer effect through autophagy-mediated cell death. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 780-790.	2.8	18
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2723	Autophagy and cardiac diseases: Therapeutic potential of natural products. <i>Medicinal Research Reviews</i> , 2021, 41, 314-341.	5.0	68
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2861	Acetylated tau inhibits chaperone-mediated autophagy and promotes tau pathology propagation in mice. <i>Nature Communications</i> , 2021, 12, 2238.	5.8	101
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2865	Reconstitution of cargo-induced LC3 lipidation in mammalian selective autophagy. <i>Science Advances</i> , 2021, 7, .	4.7	33
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2869	Upregulation of antioxidant and autophagy pathways via NRF2 activation protects spinal cord neurons from ozone damage. <i>Molecular Medicine Reports</i> , 2021, 23, .	1.1	8
2870	Autophagy in tooth: Physiology, disease and therapeutic implication. <i>Cell Biochemistry and Function</i> , 2021, 39, 702-712.	1.4	8
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2878	Penicillium B Protects against Cisplatin-Induced Renal Tubular Cell Apoptosis through Activation of AMPK-Induced Autophagy and Mitochondrial Biogenesis. <i>Kidney Diseases (Basel, Switzerland)</i> , 2021, 7, 278-292.	1.2	6
2879	Rubicon regulates A2E-induced autophagy impairment in the retinal pigment epithelium implicated in the pathology of age-related macular degeneration. <i>Biochemical and Biophysical Research Communications</i> , 2021, 551, 148-154.	1.0	8
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3021	Chinese herbal medicine Feiyanning cooperates with cisplatin to enhance cytotoxicity to non-small-cell lung cancer by inhibiting protective autophagy. <i>Journal of Ethnopharmacology</i> , 2021, 276, 114196.	2.0	13
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