

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

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Citation Report

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1	A ubiquitin-like system mediates protein lipidation. <i>Nature</i> , 2000, 408, 488-492.	27.8	1,790
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1846	IFN $\beta$ /interferon- $\gamma$ -induced autophagy in MCF-7 breast cancer cells counteracts its proapoptotic function. <i>Autophagy</i> , 2013, 9, 287-302.	9.1	67
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1857	High LC3 expression correlates with poor survival in patients with oral squamous cell carcinoma. <i>Human Pathology</i> , 2013, 44, 2558-2562.	2.0	52
1858	Regulation of autophagic flux by dynein-mediated autophagosomes trafficking in mouse coronary arterial myocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3228-3236.	4.1	27
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1860	Silencing of mitochondrial NADP <sup>+</sup> -dependent isocitrate dehydrogenase gene enhances glioma radiosensitivity. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 260-265.	2.1	13
1861	The rationale of targeting mammalian target of rapamycin for ischemic stroke. <i>Cellular Signalling</i> , 2013, 25, 1598-1607.	3.6	41
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1880	Hypothermia may attenuate ischemia/reperfusion-induced cardiomyocyte death by reducing autophagy. <i>International Journal of Cardiology</i> , 2013, 168, 2064-2069.	1.7	23
1881	Autophagy is required for IL-2-mediated fibroblast growth. <i>Experimental Cell Research</i> , 2013, 319, 556-565.	2.6	34



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1915	Rab12 regulates mTORC1 activity and autophagy through controlling the degradation of amino acid transporter PAT4. <i>EMBO Reports</i> , 2013, 14, 450-457.	4.5	87
1916	Induction of Neuronal Mitophagy in Acute Spinal Cord Injury in Rats. <i>Neurotoxicity Research</i> , 2013, 24, 512-522.	2.7	38
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1924	Regulation and Functional Significance of Autophagy in Respiratory Cell Biology and Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 1-9.	2.9	47
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1926	Role of AMPK activation in oxidative cell damage: Implications for alcohol-induced liver disease. <i>Biochemical Pharmacology</i> , 2013, 86, 200-209.	4.4	121
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1934	Autolysosomal $\beta$ -catenin degradation regulates Wnt-autophagy-p62 crosstalk. <i>EMBO Journal</i> , 2013, 32, 1903-1916.	7.8	259
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1937	Involvement of endoplasmic reticulum and autophagy in microcystin-LR toxicity in Vero-E6 and HepG2 cell lines. <i>Toxicology in Vitro</i> , 2013, 27, 138-148.	2.4	42
1938	Crosstalk Between Autophagy and Apoptosis in RAW 264.7 Macrophages Infected With Ectromelia Orthopoxvirus. <i>Viral Immunology</i> , 2013, 26, 322-335.	1.3	13
1939	Regulation of autophagy in rat hepatocytes treated<i>in vitro</i>with low concentration of mercury. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 504-504.	1.2	7
1940	Enhanced antitumor effect of lower-dose and longer-term CPT-11 treatment in combination with low-dose celecoxib against neuroblastoma xenografts. <i>International Journal of Clinical Oncology</i> , 2013, 18, 116-125.	2.2	5
1941	Regulation of autophagy by mTOR-dependent and mTOR-independent pathways: autophagy dysfunction in neurodegenerative diseases and therapeutic application of autophagy enhancers. <i>Biochemical Society Transactions</i> , 2013, 41, 1103-1130.	3.4	309
1942	Enhancement of chondrocyte autophagy is an early response in the degenerative cartilage of the temporomandibular joint to biomechanical dental stimulation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 423-434.	4.9	43
1943	Patterns of autophagy in urothelial cell carcinomasâ€”the significance of â€œstone-likeâ€”structures (SLS) in transurethral resection biopsies. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2013, 31, 1254-1260.	1.6	10
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1945	Ghrelin induces apoptosis in colon adenocarcinoma cells via proteasome inhibition and autophagy induction. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1188-1200.	4.9	42
1946	Autophagy Protects the Retina from Light-induced Degeneration. <i>Journal of Biological Chemistry</i> , 2013, 288, 7506-7518.	3.4	122
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1955	Autophagy in endothelial progenitor cells is cytoprotective in hypoxic conditions. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C617-C626.	4.6	51
1956	Exercise restores decreased physical activity levels and increases markers of autophagy and oxidative capacity in myostatin/activin-blocked mdx mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E171-E182.	3.5	38
1957	4-Hydroxytamoxifen Induces Autophagic Death through K-Ras Degradation. <i>Cancer Research</i> , 2013, 73, 4395-4405.	0.9	60
1958	Autophagy Promotes Oligodendrocyte Survival and Function following Dysmyelination in a Long-Lived Myelin Mutant. <i>Journal of Neuroscience</i> , 2013, 33, 8088-8100.	3.6	57
1959	Suppressed Expression of Autophagosomal Protein <scp>LC3</scp> in Cortical Tubers of Tuberous Sclerosis Complex. <i>Brain Pathology</i> , 2013, 23, 254-262.	4.1	14
1960	Subcellular localization-dependent changes in EGFP fluorescence lifetime measured by time-resolved flow cytometry. <i>Biomedical Optics Express</i> , 2013, 4, 1390.	2.9	33
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1963	Inhibition of glioma growth by minocycline is mediated through endoplasmic reticulum stress-induced apoptosis and autophagic cell death. <i>Neuro-Oncology</i> , 2013, 15, 1127-1141.	1.2	36
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1974	Infection with Usutu Virus Induces an Autophagic Response in Mammalian Cells. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2509.	3.0	31
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1978	PSF Knockdown Enhances Apoptosis via Downregulation of LC3B in Human Colon Cancer Cells. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	11
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1982	Roles of autophagy-related genes Beclin-1 and LC3 in the development and progression of prostate cancer and benign prostatic hyperplasia. <i>Biomedical Reports</i> , 2013, 1, 855-860.	2.0	54
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1984	Francisella tularensis Harvests Nutrients Derived via ATG5-Independent Autophagy to Support Intracellular Growth. <i>PLoS Pathogens</i> , 2013, 9, e1003562.	4.7	109
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1994	Membrane remodeling by the PX-BAR protein SNX18 promotes autophagosome formation. <i>Journal of Cell Biology</i> , 2013, 202, 331-349.	5.2	154
1995	CD40 Induces Anti-Toxoplasma gondii Activity in Nonhematopoietic Cells Dependent on Autophagy Proteins. <i>Infection and Immunity</i> , 2013, 81, 2002-2011.	2.2	57
1996	Redox-Sensitive Endoplasmic Reticulum Stress and Autophagy at Rostral Ventrolateral Medulla Contribute to Hypertension in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2013, 61, 1270-1280.	2.7	52
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1999	Application of a novel cell-permeable peptide-driven protein delivery in mouse blastocysts. <i>Reproduction</i> , 2013, 146, 145-153.	2.6	6
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2001	The Autophagy Inhibitor Verteporfin Moderately Enhances the Antitumor Activity of Gemcitabine in a Pancreatic Ductal Adenocarcinoma Model. <i>Journal of Cancer</i> , 2013, 4, 585-596.	2.5	95
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3618	RACK1 promotes tumorigenicity of colon cancer by inducing cell autophagy. <i>Cell Death and Disease</i> , 2018, 9, 1148.	6.3	54
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3621	TI-VAMP/VAMP7-SNARE-Rab-GTPase interaction network within a ciliary membrane targeting complex. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	20
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3627	Autophagy flux inhibition mediated by celastrol sensitized lung cancer cells to TRAIL-induced apoptosis via regulation of mitochondrial transmembrane potential and reactive oxygen species. <i>Molecular Medicine Reports</i> , 2019, 19, 984-993.	2.4	13
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3631	Dysregulated autophagy contributes to caspase-dependent neuronal apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 1189.	6.3	58
3632	Chemical Biology Strategies to Study Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 160.	3.7	5
3633	Mitochondrial Fission Is Required for Blue Light-Induced Apoptosis and Mitophagy in Retinal Neuronal R28 Cells. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 432.	2.9	28
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3637	Deubiquitinase Usp12 functions noncatalytically to induce autophagy and confer neuroprotection in models of Huntington's disease. <i>Nature Communications</i> , 2018, 9, 3191.	12.8	47
3638	Nicotinamide Phosphoribosyltransferase Inhibitor APO866 Prevents IL-1Î²-Induced Human Nucleus Pulposus Cell Degeneration via Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 2463-2482.	1.6	27
3639	Autophagic effects and mechanisms of silver nanoparticles in renal cells under low dose exposure. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 71-77.	6.0	23
3640	Role of p62/SQSTM1 in lipopolysaccharide (LPS)-induced mucus hypersecretion in bronchial epithelial cells. <i>Life Sciences</i> , 2018, 211, 270-278.	4.3	5

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3945	Mitochondrial Quality Control in Aging and Heart Failure: Influence of Ketone Bodies and Mitofusin-Stabilizing Peptides. <i>Frontiers in Physiology</i> , 2019, 10, 382.	2.8	68
3946	Intrinsically Disordered Protein TEX264 Mediates ER-phagy. <i>Molecular Cell</i> , 2019, 74, 909-921.e6.	9.7	231
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3949	Glycan sulfation patterns define autophagy flux at axon tip via PTPRÎf-cortactin axis. <i>Nature Chemical Biology</i> , 2019, 15, 699-709.	8.0	69
3950	Interplay Between <i>Toxoplasma gondii</i> , Autophagy, and Autophagy Proteins. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 139.	3.9	15
3951	Apoptosis, necroptosis and autophagy in colorectal cancer: Associations with tumor aggressiveness and p53 status. <i>Pathology Research and Practice</i> , 2019, 215, 152425.	2.3	14
3952	The Fine Tuning of Drp1-Dependent Mitochondrial Remodeling and Autophagy Controls Neuronal Differentiation. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 120.	3.7	39
3953	Lectin from <i>Dioclea violacea</i> induces autophagy in U87 glioma cells. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 660-672.	7.5	17
3954	Silencing of SNHG6 induced cell autophagy by targeting miR-26a-5p/ULK1 signaling pathway in human osteosarcoma. <i>Cancer Cell International</i> , 2019, 19, 82.	4.1	40
3955	Natural Selection Footprints Among African Chicken Breeds and Village Ecotypes. <i>Frontiers in Genetics</i> , 2019, 10, 376.	2.3	32
3956	Autophagy, apoptosis, and mitochondria: molecular integration and physiological relevance in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C111-C130.	4.6	54
3957	Manipulation of Host Cell Organelles by Intracellular Pathogens. <i>Microbiology Spectrum</i> , 2019, 7, .	3.0	45
3958	The tricyclic antidepressant clomipramine inhibits neuronal autophagic flux. <i>Scientific Reports</i> , 2019, 9, 4881.	3.3	11
3959	The Inflammatory Bowel Disease Drug Azathioprine Induces Autophagy via mTORC1 and the Unfolded Protein Response Sensor PERK. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1481-1496.	1.9	17
3960	Enhanced Autophagy Contributes to Reduced Viral Infection in Black Flying Fox Cells. <i>Viruses</i> , 2019, 11, 260.	3.3	34
3961	The Role of Primary Cilia in the Crosstalk between the Ubiquitinâ€Proteasome System and Autophagy. <i>Cells</i> , 2019, 8, 241.	4.1	25
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3964	Chemical Screening Approaches Enabling Drug Discovery of Autophagy Modulators for Biomedical Applications in Human Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 38.	3.7	37
3965	Autophagy plays a protective role against <i>Trypanosoma cruzi</i> infection in mice. <i>Virulence</i> , 2019, 10, 151-165.	4.4	18

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3967	Novel naphthalene-enoates: Design and anticancer activity through regulation cell autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108747.	5.6	5
3968	Novel therapeutic strategies for stroke: The role of autophagy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 182-199.	6.1	40
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3974	Targeted interplay between bacterial pathogens and host autophagy. <i>Autophagy</i> , 2019, 15, 1620-1633.	9.1	38
3975	Autophagy Induced by Oxygen-Glucose Deprivation Mediates the Injury to the Neurovascular Unit. <i>Medical Science Monitor</i> , 2019, 25, 1373-1382.	1.1	10
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3977	Monitoring stress-induced autophagic engulfment and degradation of the 26S proteasome in mammalian cells. <i>Methods in Enzymology</i> , 2019, 619, 337-366.	1.0	3
3978	Ginsenoside Rh2 inhibits proliferation but promotes apoptosis and autophagy by down-regulating microRNA-638 in human retinoblastoma cells. <i>Experimental and Molecular Pathology</i> , 2019, 108, 17-23.	2.1	33
3979	Parkin Promotes Mitophagic Cell Death in Adult Hippocampal Neural Stem Cells Following Insulin Withdrawal. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 46.	2.9	28
3980	Role of autophagy during the replication and pathogenesis of common mosquito-borne flavi- and alphaviruses. <i>Open Biology</i> , 2019, 9, 190009.	3.6	27
3981	Lactate dehydrogenase A regulates autophagy and tamoxifen resistance in breast cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1004-1018.	4.1	72
3982	Pleiotropic roles of autophagy in stem cell-based therapies. <i>Cytotherapy</i> , 2019, 21, 380-392.	0.7	6
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3985	The anti-malarial drug chloroquine sensitizes oncogenic NOTCH1 driven human T-ALL to $\beta$ -secretase inhibition. <i>Oncogene</i> , 2019, 38, 5457-5468.	5.9	25
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3987	Radiation: a poly-traumatic hit leading to multi-organ injury. <i>Cell and Bioscience</i> , 2019, 9, 25.	4.8	80
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3989	Chaperone-mediated autophagy degradation of IGF-1R $\beta$ induced by NVP-AUY922 in pancreatic cancer. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3433-3447.	5.4	15
3990	Transcriptional regulation of autophagy-lysosomal function in BRAF-driven melanoma progression and chemoresistance. <i>Nature Communications</i> , 2019, 10, 1693.	12.8	119
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4003	(Pro)renin Receptor Blockade Ameliorates Heart Failure Caused by Chronic Kidney Disease. <i>Journal of Cardiac Failure</i> , 2019, 25, 286-300.	1.7	11
4004	TP53INP2 contributes to autophagosome formation by promoting LC3-ATG7 interaction. <i>Autophagy</i> , 2019, 15, 1309-1321.	9.1	50
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4010	LRSAM1 E3 ubiquitin ligase: molecular neurobiological perspectives linked with brain diseases. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2093-2110.	5.4	8
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4078	The circular RNA ACR attenuates myocardial ischemia/reperfusion injury by suppressing autophagy via modulation of the Pink1/ FAM65B pathway. <i>Cell Death and Differentiation</i> , 2019, 26, 1299-1315.	11.2	177
4079	Recruitment of LC3 to damaged Golgi apparatus. <i>Cell Death and Differentiation</i> , 2019, 26, 1467-1484.	11.2	18
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4088	Oblongifolin C suppresses lysosomal function independently of TFEB nuclear translocation. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 929-937.	6.1	10
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4090	MicroRNA-29 enhances autophagy and cleanses exogenous mutant $\alpha$ -crystallin in retinal pigment epithelial cells. <i>Experimental Cell Research</i> , 2019, 374, 231-248.	2.6	28
4091	Mitophagy imbalance in cardiomyocyte ischaemia/reperfusion injury. <i>Acta Physiologica</i> , 2019, 225, e13228.	3.8	23
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