Patrice Codogno

List of Publications by Year
in descending order

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213 papers	37,583 citations	5876 81 h-index	2940 189 g-index
224 all docs	224 docs citations	224 times ranked	43360 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
4	Inhibition of Macroautophagy Triggers Apoptosis. Molecular and Cellular Biology, 2005, 25, 1025-1040.	1.1	1,533
5	Autophagy modulation as a potential therapeutic target for diverse diseases. Nature Reviews Drug Discovery, 2012, 11, 709-730.	21.5	1,285
6	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	3.5	1,230
7	Distinct Classes of Phosphatidylinositol 3â€²-Kinases Are Involved in Signaling Pathways That Control Macroautophagy in HT-29 Cells. Journal of Biological Chemistry, 2000, 275, 992-998.	1.6	1,047
8	Regulation of autophagy by cytoplasmic p53. Nature Cell Biology, 2008, 10, 676-687.	4.6	1,025
9	Emerging regulation and functions of autophagy. Nature Cell Biology, 2013, 15, 713-720.	4.6	1,014
10	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	3.5	1,012
11	Dual Role of 3-Methyladenine in Modulation of Autophagy via Different Temporal Patterns of Inhibition on Class I and III Phosphoinositide 3-Kinase. Journal of Biological Chemistry, 2010, 285, 10850-10861.	1.6	942
12	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	3.5	615
13	Regulation and role of autophagy in mammalian cells. International Journal of Biochemistry and Cell Biology, 2004, 36, 2445-2462.	1.2	581
14	The Tumor Suppressor PTEN Positively Regulates Macroautophagy by Inhibiting the Phosphatidylinositol 3-Kinase/Protein Kinase B Pathway. Journal of Biological Chemistry, 2001, 276, 35243-35246.	1.6	514
15	Canonical and non-canonical autophagy: variations on a common theme of self-eating?. Nature Reviews Molecular Cell Biology, 2012, 13, 7-12.	16.1	479
16	Regulation of macroautophagy by mTOR and Beclin 1 complexes. Biochimie, 2008, 90, 313-323.	1.3	460
17	Overview of macroautophagy regulation in mammalian cells. Cell Research, 2010, 20, 748-762.	5.7	437
18	NF-Î²B Activation Represses Tumor Necrosis Factor-Î±-induced Autophagy. Journal of Biological Chemistry, 2006, 281, 30373-30382.	1.6	412

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19	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. Molecular Cell, 2014, 53, 710-725.	4.5	412
20	AMP-activated Protein Kinase and the Regulation of Autophagic Proteolysis. Journal of Biological Chemistry, 2006, 281, 34870-34879.	1.6	406
21	Autophagy is involved in T cell death after binding of HIV-1 envelope proteins to CXCR4. Journal of Clinical Investigation, 2006, 116, 2161-2172.	3.9	389
22	Ceramide-mediated Macroautophagy Involves Inhibition of Protein Kinase B and Up-regulation of Beclin 1. Journal of Biological Chemistry, 2004, 279, 18384-18391.	1.6	379
23	Functional interaction between autophagy and ciliogenesis. Nature, 2013, 502, 194-200.	13.7	357
24	Activation of lysosomal function in the course of autophagy via mTORC1 suppression and autophagosome-lysosome fusion. Cell Research, 2013, 23, 508-523.	5.7	340
25	Autophagic cell death: Loch Ness monster or endangered species?. Autophagy, 2011, 7, 457-465.	4.3	298
26	Development of autophagy inducers in clinical medicine. Journal of Clinical Investigation, 2015, 125, 14-24.	3.9	274
27	Erk1/2-dependent Phosphorylation of GÎ±-interacting Protein Stimulates Its GTPase Accelerating Activity and Autophagy in Human Colon Cancer Cells. Journal of Biological Chemistry, 2000, 275, 39090-39095.	1.6	265
28	Celecoxib Induces Apoptosis by Inhibiting 3-Phosphoinositide-dependent Protein Kinase-1 Activity in the Human Colon Cancer HT-29 Cell Line. Journal of Biological Chemistry, 2002, 277, 27613-27621.	1.6	262
29	A comprehensive glossary of autophagy-related molecules and processes (2ndedition). Autophagy, 2011, 7, 1273-1294.	4.3	255
30	Autophagy in liver diseases: Time for translation?. Journal of Hepatology, 2019, 70, 985-998.	1.8	252
31	Amino Acids Interfere with the ERK1/2-dependent Control of Macroautophagy by Controlling the Activation of Raf-1 in Human Colon Cancer HT-29 Cells. Journal of Biological Chemistry, 2003, 278, 16667-16674.	1.6	247
32	Role of JNK1-dependent Bcl-2 Phosphorylation in Ceramide-induced Macroautophagy. Journal of Biological Chemistry, 2009, 284, 2719-2728.	1.6	240
33	Signalling and autophagy regulation in health, aging and disease. Molecular Aspects of Medicine, 2006, 27, 411-425.	2.7	233
34	Regulation of Autophagy by Sphingosine Kinase 1 and Its Role in Cell Survival during Nutrient Starvation. Journal of Biological Chemistry, 2006, 281, 8518-8527.	1.6	230
35	Autophagy Induction by the Pathogen Receptor CD46. Cell Host and Microbe, 2009, 6, 354-366.	5.1	227
36	Machinery, regulation and pathophysiological implications of autophagosome maturation. Nature Reviews Molecular Cell Biology, 2021, 22, 733-750.	16.1	223

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37	Autophagy regulation and its role in cancer. Seminars in Cancer Biology, 2013, 23, 361-379.	4.3	215
38	Autophagy and microtubules â€“ new story, old players. Journal of Cell Science, 2013, 126, 1071-1080.	1.2	179
39	The Mechanism and Physiological Function of Macroautophagy. Journal of Innate Immunity, 2013, 5, 427-433.	1.8	177
40	Autophagy: Regulation and role in disease. Critical Reviews in Clinical Laboratory Sciences, 2009, 46, 210-240.	2.7	176
41	Starvation-induced Hyperacetylation of Tubulin Is Required for the Stimulation of Autophagy by Nutrient Deprivation. Journal of Biological Chemistry, 2010, 285, 24184-24194.	1.6	172
42	Autophagy in health and disease. 1. Regulation and significance of autophagy: an overview. American Journal of Physiology - Cell Physiology, 2010, 298, C776-C785.	2.1	168
43	Autophagy: a barrier or an adaptive response to cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2003, 1603, 113-128.	3.3	165
44	Inhibition of the autophagic flux by salinomycin in breast cancer stem-like/progenitor cells interferes with their maintenance. Autophagy, 2013, 9, 714-729.	4.3	163
45	Autophagy protects renal tubular cells against cyclosporine toxicity. Autophagy, 2008, 4, 783-791.	4.3	158
46	Autophagy is required for endothelial cell alignment and atheroprotection under physiological blood flow. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8675-E8684.	3.3	156
47	Autophagy Is a Protective Mechanism for Human Melanoma Cells under Acidic Stress. Journal of Biological Chemistry, 2012, 287, 30664-30676.	1.6	153
48	Phosphatidylinositolâ€3â€phosphate in the regulation of autophagy membrane dynamics. FEBS Journal, 2017, 284, 1267-1278.	2.2	150
49	Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. Current Biology, 2019, 29, 435-448.e8.	1.8	150
50	Unsaturated fatty acids induce nonâ€canonical autophagy. EMBO Journal, 2015, 34, 1025-1041.	3.5	147
51	AMP-Activated Protein Kinase and Autophagy. Autophagy, 2007, 3, 238-240.	4.3	146
52	hnRNP G: sequence and characterization of a glycosylated RNA-binding protein. Nucleic Acids Research, 1993, 21, 4210-4217.	6.5	145
53	A comprehensive glossary of autophagy-related molecules and processes. Autophagy, 2010, 6, 438-448.	4.3	144
54	The Human Cytomegalovirus Protein TRS1 Inhibits Autophagy via Its Interaction with Beclin 1. Journal of Virology, 2012, 86, 2571-2584.	1.5	143

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55	Autophagy in stem cells: repair, remodelling and metabolic reprogramming. Development (Cambridge), 2018, 145, .	1.2	143
56	The Herpes Simplex Virus 1 Us11 Protein Inhibits Autophagy through Its Interaction with the Protein Kinase PKR. Journal of Virology, 2013, 87, 859-871.	1.5	139
57	Evidence for the interplay between JNK and p53-DRAM signaling pathways in the regulation of autophagy. Autophagy, 2010, 6, 153-154.	4.3	136
58	Autophagy: A Druggable Process. Annual Review of Pharmacology and Toxicology, 2017, 57, 375-398.	4.2	134
59	Regulation of autophagy by amino acids and MTOR-dependent signal transduction. Amino Acids, 2015, 47, 2037-2063.	1.2	133
60	Autophagy Signaling and the Cogwheels of Cancer. Autophagy, 2006, 2, 67-73.	4.3	132
61	Autophagy Delays Sulindac Sulfide-Induced Apoptosis in the Human Intestinal Colon Cancer Cell Line HT-29. Experimental Cell Research, 2001, 268, 139-149.	1.2	130
62	Primary-cilium-dependent autophagy controls epithelial cell volume in response to fluid flow. Nature Cell Biology, 2016, 18, 657-667.	4.6	127
63	Autophagy activation by NFÎºB is essential for cell survival after heat shock. Autophagy, 2009, 5, 766-783.	4.3	118
64	Human cytomegalovirus controls a new autophagy-dependent cellular antiviral defense mechanism. Autophagy, 2008, 4, 46-53.	4.3	116
65	Legionella pneumophila S1P-lyase targets host sphingolipid metabolism and restrains autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1901-1906.	3.3	115
66	A defect in endothelial autophagy occurs in patients with non-alcoholic steatohepatitis and promotes inflammation and fibrosis. Journal of Hepatology, 2020, 72, 528-538.	1.8	113
67	The Bcl-2 Homology Domain 3 Mimetic Gossypol Induces Both Beclin 1-dependent and Beclin 1-independent Cytoprotective Autophagy in Cancer Cells. Journal of Biological Chemistry, 2010, 285, 25570-25581.	1.6	112
68	Atg5: more than an autophagy factor. Nature Cell Biology, 2006, 8, 1045-1047.	4.6	109
69	A Heterotrimeric G i3-protein Controls Autophagic Sequestration in the Human Colon Cancer Cell Line HT-29. Journal of Biological Chemistry, 1995, 270, 13-16.	1.6	106
70	Disruption of Sphingosine 1-Phosphate Lyase Confers Resistance to Chemotherapy and Promotes Oncogenesis through Bcl-2/Bcl-xL Upregulation. Cancer Research, 2009, 69, 9346-9353.	0.4	103
71	Resveratrol-mediated autophagy requires WIPI-1-regulated LC3 lipidation in the absence of induced phagophore formation. Autophagy, 2011, 7, 1448-1461.	4.3	103
72	Guanine Nucleotide Exchange on Heterotrimeric Gi3 Protein Controls Autophagic Sequestration in HT-29 Cells. Journal of Biological Chemistry, 1996, 271, 28593-28600.	1.6	102

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73	Autophagy and p70S6 Kinase. Autophagy, 2005, 1, 59-61.	4.3	101
74	Autophagy: A Potential Link between Obesity and Insulin Resistance. Cell Metabolism, 2010, 11, 449-451.	7.2	99
75	Aspirin Recapitulates Features of Caloric Restriction. Cell Reports, 2018, 22, 2395-2407.	2.9	98
76	Prion protein: From physiology to cancer biology. Cancer Letters, 2010, 290, 1-23.	3.2	96
77	Autophagy modulates cell migration and Î²1 integrin membrane recycling. Cell Cycle, 2013, 12, 3317-3328.	1.3	94
78	Regulation of Autophagy by NF-kappaB Transcription Factor and Reactives Oxygen Species. Autophagy, 2007, 3, 390-392.	4.3	91
79	PK11195 potently sensitizes to apoptosis induction independently from the peripheral benzodiazepin receptor. Oncogene, 2005, 24, 7503-7513.	2.6	88
80	Congenital Disorders of Glycosylation Type Ig Is Defined by a Deficiency in Dolichyl-P-mannose:Man7GlcNAc2-PP-dolichyl Mannosyltransferase. Journal of Biological Chemistry, 2002, 277, 25815-25822.	1.6	87
81	Is Autophagy the Key Mechanism by Which the Sphingolipid Rheostat Controls the Cell Fate Decision?. Autophagy, 2007, 3, 45-47.	4.3	86
82	Common Origin and Evolution of Glycosyltransferases Using Dol-P-monosaccharides as Donor Substrate. Molecular Biology and Evolution, 2002, 19, 1451-1463.	3.5	84
83	Abnormal Activation of Autophagy-Induced Crinophagy in Paneth Cells From Patients With Crohn's Disease. Gastroenterology, 2012, 142, 1097-1099.e4.	0.6	83
84	Ceramide-induced autophagy: To junk or to protect cells?. Autophagy, 2009, 5, 558-560.	4.3	79
85	A Deficiency in Dolichyl-P-glucose:Glc1Man9GlcNAc2-PP-dolichyl Î±3-Glucosyltransferase Defines a New Subtype of Congenital Disorders of Glycosylation. Journal of Biological Chemistry, 2003, 278, 9962-9971.	1.6	78
86	Transfer of Free Polymannose-type Oligosaccharides from the Cytosol to Lysosomes in Cultured Human Hepatocellular Carcinoma HEPG2 Cells. Journal of Cell Biology, 1997, 136, 45-59.	2.3	77
87	Autophagy: A Multifaceted Partner in Liver Fibrosis. BioMed Research International, 2014, 2014, 1-7.	0.9	77
88	Involvement of autophagy in viral infections: antiviral function and subversion by viruses. Journal of Molecular Medicine, 2007, 85, 811-23.	1.7	76
89	BAT3 modulates p300-dependent acetylation of p53 and autophagy-related protein 7 (ATG7) during autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4115-4120.	3.3	76
90	Ca²⁺/Calmodulin-Dependent Kinase (CaMK) Signaling via CaMKI and AMP-Activated Protein Kinase Contributes to the Regulation of WIPI-1 at the Onset of Autophagy. Molecular Pharmacology, 2011, 80, 1066-1075.	1.0	75

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91	Reactive Oxygen Species, AMP-activated Protein Kinase, and the Transcription Cofactor p300 Regulate Î±-Tubulin Acetyltransferase-1 (Î±TAT-1/MEC-17)-dependent Microtubule Hyperacetylation during Cell Stress. Journal of Biological Chemistry, 2014, 289, 11816-11828.	1.6	75
92	p27 controls Ragulator and mTOR activity in amino acid-deprived cells to regulate the autophagyâ€“lysosomal pathway and coordinate cell cycle and cell growth. Nature Cell Biology, 2020, 22, 1076-1090.	4.6	74
93	Chapter 4 Assaying of Autophagic Protein Degradation. Methods in Enzymology, 2009, 452, 47-61.	0.4	73
94	c-Jun NH2-Terminal Kinase Activation Is Essential for DRAM-Dependent Induction of Autophagy and Apoptosis in 2-Methoxyestradiolâ€“Treated Ewing Sarcoma Cells. Cancer Research, 2009, 69, 6924-6931.	0.4	71
95	Macroautophagy Signaling and Regulation. Current Topics in Microbiology and Immunology, 2009, 335, 33-70.	0.7	71
96	miR-125b controls monocyte adaptation to inflammation through mitochondrial metabolism and dynamics. Blood, 2016, 128, 3125-3136.	0.6	71
97	Non-canonical autophagy: An exception or an underestimated form of autophagy?. Autophagy, 2008, 4, 1083-1085.	4.3	70
98	Autophagy is a survival force via suppression of necrotic cell death. Experimental Cell Research, 2012, 318, 1304-1308.	1.2	70
99	Diversity of Signaling Controls of Macroautophagy in Mammalian Cells.. Cell Structure and Function, 2002, 27, 431-441.	0.5	67
100	The G-protein Regulator AGS3 Controls an Early Event during Macroautophagy in Human Intestinal HT-29 Cells. Journal of Biological Chemistry, 2003, 278, 20995-21002.	1.6	65
101	Autophagosomes and human diseases. International Journal of Biochemistry and Cell Biology, 2011, 43, 460-464.	1.2	65
102	Lost to translation: when autophagy targets mature ribosomes. Trends in Cell Biology, 2008, 18, 311-314.	3.6	63
103	Autophagy, signaling and obesity. Pharmacological Research, 2012, 66, 513-525.	3.1	63
104	p27 controls autophagic vesicle trafficking in glucose-deprived cells via the regulation of ATAT1-mediated microtubule acetylation. Cell Death and Disease, 2021, 12, 481.	2.7	63
105	Cytosol-to-lysosome Transport of Free Polymannose-type Oligosaccharides. Journal of Biological Chemistry, 1999, 274, 13547-13555.	1.6	61
106	Lysosomes and lysosomal proteins in cancer cell death (new players of an old struggle). Biochimica Et Biophysica Acta: Reviews on Cancer, 2006, 1765, 101-125.	3.3	61
107	Autophagy: Regulation by Energy Sensing. Current Biology, 2011, 21, R227-R229.	1.8	59
108	Glutamate dehydrogenase contributes to leucine sensing in the regulation of autophagy. Autophagy, 2013, 9, 850-860.	4.3	59

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109	PI3KC2Î±-dependent and VPS34-independent generation of PI3P controls primary cilium-mediated autophagy in response to shear stress. Nature Communications, 2020, 11, 294.	5.8	56
110	Control of the Expression and Activity of the GÎ±-interacting Protein (GAIP) in Human Intestinal Cells. Journal of Biological Chemistry, 1997, 272, 24599-24603.	1.6	53
111	Analyses of GÎ±-Interacting Protein and Activator of G-Protein-Signaling-3 Functions in Macroautophagy. Methods in Enzymology, 2004, 390, 17-31.	0.4	52
112	Autophagy: A Sweet Process in Diabetes. Cell Metabolism, 2008, 8, 275-276.	7.2	52
113	The nucleotide-sugar transporter family: a phylogenetic approach. Biochimie, 2003, 85, 245-260.	1.3	51
114	Lysosome positioning coordinates mTORC1 activity and autophagy. Nature Cell Biology, 2011, 13, 342-344.	4.6	51
115	Regulation of Autophagy by Sphingolipids. Anti-Cancer Agents in Medicinal Chemistry, 2011, 11, 844-853.	0.9	48
116	Carbon nanotubes, but not spherical nanoparticles, block autophagy by a shape-related targeting of lysosomes in murine macrophages. Autophagy, 2018, 14, 1323-1334.	4.3	48
117	LC3-associated phagocytosis protects against inflammation and liver fibrosis via immunoreceptor inhibitory signaling. Science Translational Medicine, 2020, 12, .	5.8	48
118	Isoforms of the Lutheran/Basal Cell Adhesion Molecule Glycoprotein Are Differentially Delivered in Polarized Epithelial Cells. Journal of Biological Chemistry, 1999, 274, 31903-31908.	1.6	47
119	The Pro-apoptotic STK38 Kinase Is a New Beclin1 Partner Positively Regulating Autophagy. Current Biology, 2015, 25, 2479-2492.	1.8	47
120	PP2A blockade inhibits autophagy and causes intraneuronal accumulation of ubiquitinated proteins. Neurobiology of Aging, 2013, 34, 770-790.	1.5	46
121	The Journey of the Autophagosome through Mammalian Cell Organelles and Membranes. Journal of Molecular Biology, 2017, 429, 497-514.	2.0	46
122	The primary cilium and lipophagy translate mechanical forces to direct metabolic adaptation of kidney epithelial cells. Nature Cell Biology, 2020, 22, 1091-1102.	4.6	45
123	The roles of BECN1 and autophagy in cancer are context dependent. Autophagy, 2012, 8, 1853-1855.	4.3	43
124	An iron hand over cancer stem cells. Autophagy, 2017, 13, 1465-1466.	4.3	43
125	Targeting autophagy enhances the anti-tumoral action of crizotinib in ALK-positive anaplastic large cell lymphoma. Oncotarget, 2015, 6, 30149-30164.	0.8	43
126	Signal Transduction Pathways in Macroautophagy. Cellular Signalling, 1997, 9, 125-130.	1.7	42

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127	Polyclonal and monoclonal antibodies against chicken gizzard 5â€²-nucleotidase inhibit the spreading process of chicken embryonic fibroblasts on laminin substratum. Experimental Cell Research, 1988, 174, 344-354.	1.2	38
128	Subcellular localization of the GÎ±i3 protein and G alpha interacting protein, two proteins involved in the control of macroautophagy in human colon cancer HT-29 cells. Biochemical Journal, 1999, 337, 289-295.	1.7	37
129	Autophagy in the liver. Journal of Hepatology, 2013, 59, 389-391.	1.8	35
130	Fine-tuning autophagy: from transcriptional to posttranslational regulation. American Journal of Physiology - Cell Physiology, 2016, 311, C351-C362.	2.1	33
131	Dual mechanism of laminin modulation of ecto-5â€²-nucleotidase activity. Journal of Cellular Biochemistry, 1993, 52, 266-274.	1.2	30
132	New Targets for Acetylation in Autophagy. Science Signaling, 2012, 5, pe29.	1.6	30
133	Sphingolipids in Macroautophagy. Methods in Molecular Biology, 2008, 445, 159-173.	0.4	29
134	Modification of the N-linked oligosaccharides in cell surface glycoproteins during chick embryo development. A using lectin affinity and a high resolution chromatography study. FEBS Journal, 1985, 149, 453-460.	0.2	28
135	Macroautophagy: Protector in the Diabetes Drama?. Autophagy, 2007, 3, 522-525.	4.3	28
136	Constitutive autophagy contributes to resistance to TP53-mediated apoptosis in Epstein-Barr virus-positive latency III B-cell lymphoproliferations. Autophagy, 2015, 11, 2275-2287.	4.3	28
137	Evidence for a dual mechanism of chick embryo fibroblast adhesion on fibronectin and laminin substrata. Experimental Cell Research, 1987, 169, 478-489.	1.2	27
138	Differentiation-induced changes in the content, secretion, and subcellular distribution of lysosomal cathepsins in the human colon cancer HT-29 cell line. Cell and Tissue Research, 1997, 289, 109-117.	1.5	27
139	Increase in Ceramide Level Alters the Lysosomal Targeting of Cathepsin D prior to Onset of Apoptosis in HT-29 Colon Cancer Cells. Biological Chemistry, 2002, 383, 989-99.	1.2	27
140	The Metabolism of Sphingo(glyco)lipids is Correlated with the Differentiation-Dependent Autophagic Pathway in HT-29 Cells. FEBS Journal, 1996, 237, 454-459.	0.2	26
141	Autophagy and CD4⁺T lymphocyte destruction by HIV-1. Autophagy, 2007, 3, 32-34.	4.3	26
142	Regulation of autophagy by extracellular matrix glycoproteins in HeLa cells. Autophagy, 2011, 7, 27-39.	4.3	26
143	Autophagy joins the game to regulate NF-Î¹ºB signaling pathways. Cell Research, 2007, 17, 576-577.	5.7	25
144	Autophagy and Autophagic Flux in Tumor Cells. Methods in Enzymology, 2014, 543, 73-88.	0.4	24

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145	Endothelial autophagic flux hampers atherosclerotic lesion development. Autophagy, 2018, 14, 173-175.	4.3	24
146	Nutrient sensing: TOR's Ragtime. Nature Cell Biology, 2008, 10, 881-883.	4.6	23
147	What is the role of autophagy in HIV-1 infection?. Autophagy, 2008, 4, 273-275.	4.3	22
148	In vivo effect of an antilipolytic drug (3,5â€²-dimethylpyrazole) on autophagic proteolysis and autophagy-related gene expression in rat liver. Biochemical and Biophysical Research Communications, 2008, 366, 786-792.	1.0	19
149	Beclin 1 or not Beclin 1.... Autophagy, 2011, 7, 671-672.	4.3	19
150	Mitochondrial morphodynamics alteration induced by influenza virus infection as a new antiviral strategy. PLoS Pathogens, 2021, 17, e1009340.	2.1	19
151	Non-canonical Autophagy: Facts and Prospects. Current Pathobiology Reports, 2013, 1, 263-271.	1.6	18
152	The primary cilium protein folliculin is part of the autophagy signaling pathway to regulate epithelial cell size in response to fluid flow. Cell Stress, 2019, 3, 100-109.	1.4	18
153	Processing of asparagine-linked oligosaccharides is an early biochemical marker of the enterocytic differentiation of HT-29 cells. Journal of Cellular Biochemistry, 1989, 41, 13-23.	1.2	17
154	Mitochondrial clearance by the STK38 kinase supports oncogenic Ras-induced cell transformation. Oncotarget, 2016, 7, 44142-44160.	0.8	17
155	Evidence for a Dual Control of Macroautophagic Sequestration and Intracellular Trafficking of N-Linked Glycoproteins by the Trimeric Gi3Protein in HT-29 Cells. Biochemical and Biophysical Research Communications, 1997, 235, 166-170.	1.0	16
156	Autophagy transduces physical constraints into biological responses. International Journal of Biochemistry and Cell Biology, 2016, 79, 419-426.	1.2	16
157	The autophagy protein ATG16L1 cooperates with IFT20 and INPP5E to regulate the turnover of phosphoinositides at the primary cilium. Cell Reports, 2021, 35, 109045.	2.9	16
158	Enzymatic activity and in vivo distribution of 5â€²-nucleotidase, an extracellular matrix binding glycoprotein, during the development of chicken striated muscle. Experimental Cell Research, 1992, 203, 62-71.	1.2	15
159	Chemical targeting of NEET proteins reveals their function in mitochondrial morphodynamics. EMBO Reports, 2020, 21, e49019.	2.0	15
160	Changes in protein glycosylation during chick embryo development. Biochimica Et Biophysica Acta - Molecular Cell Research, 1983, 763, 265-275.	1.9	14
161	Changes in cell-surface sialic acid content during chick embryo development. Mechanisms of Ageing and Development, 1983, 23, 307-314.	2.2	14
162	Forskolin Blocks the Apical Expression of Dipeptidyl Peptidase IV in Caco-2 Cells and Induces Its Retention in Lamp-1-Containing Vesicles. Experimental Cell Research, 1993, 209, 277-287.	1.2	14

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163	LC3-associated phagocytosis in myeloid cells, a fireman that restrains inflammation and liver fibrosis, via immunoreceptor inhibitory signaling. Autophagy, 2020, 16, 1526-1528.	4.3	13
164	Increased Biosynthesis of Glycosphingolipids in Congenital Disorder of Glycosylation Ia (CDG-Ia) Fibroblasts. Pediatric Research, 2002, 52, 645-651.	1.1	12
165	Compartmentalized regulation of autophagy regulators: fine-tuning AMBRA1 by Bcl-2. EMBO Journal, 2011, 30, 1185-1186.	3.5	12
166	Cancer stem cells and autophagy: Facts and Perspectives. Journal of Cancer Stem Cell Research, 2014, 2, 1.	1.1	12
167	Concanavalin A-induced impairment of fibroblast spreading on laminin but not on fibronectin. Journal of Cellular Physiology, 1988, 136, 463-470.	2.0	11
168	Swainsonine is a useful tool to monitor the intracellular traffic of N-linked glycoproteins as a function of the state of enterocytic differentiation of HT-29 cells. FEBS Journal, 1992, 205, 1169-1174.	0.2	10
169	Subcellular localization of the GÎ±i3 protein and G alpha interacting protein, two proteins involved in the control of macroautophagy in human colon cancer HT-29 cells. Biochemical Journal, 1999, 337, 289.	1.7	10
170	Activity and tissue distribution of splice variants of Â6-fucosyltransferase in human embryogenesis. Glycobiology, 2003, 14, 13-25.	1.3	10
171	Evidence for the presence of complex high-molecular mass N-linked oligosaccharides in intranuclear gylcoproteins from hela cells. Journal of Cellular Biochemistry, 1992, 50, 93-102.	1.2	9
172	ATG4D is the main ATG8 delipidating enzyme in mammalian cells and protects against cerebellar neurodegeneration. Cell Death and Differentiation, 2021, 28, 2651-2672.	5.0	9
173	Increased UDP-GlcNAc: Î±-mannoside Î²(1 â†’ 4) N-acetylglucosaminyltransferase activity during chick embryo development. Biochimica Et Biophysica Acta - Molecular Cell Research, 1990, 1054, 149-153.	1.9	8
174	Micronucleophagy: A new mechanism to protect against chromosomal instability?. Cell Cycle, 2012, 11, 645-645.	1.3	8
175	Links between autophagy and tissue mechanics. Journal of Cell Science, 2021, 134, .	1.2	8
176	A Mr 72K cell surface concanavalin A binding glycoprotein is specifically involved in the spreading of chick embryo fibroblasts onto laminin substrate. Experimental Cell Research, 1991, 192, 236-242.	1.2	7
177	Drug enhanced autophagy to fight mutant protein overload. Journal of Hepatology, 2011, 54, 1066-1068.	1.8	7
178	A New Fluorescence-Based Assay for Autophagy. Chemistry and Biology, 2011, 18, 940-941.	6.2	7
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