

# Patrice Codogno

## List of Publications by Year in descending order

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213  
papers

37,583  
citations

5896

81  
h-index

2953

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). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
4	Inhibition of Macroautophagy Triggers Apoptosis. <i>Molecular and Cellular Biology</i> , 2005, 25, 1025-1040.	2.3	1,533
5	Autophagy modulation as a potential therapeutic target for diverse diseases. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 709-730.	46.4	1,285
6	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	7.8	1,230
7	Distinct Classes of Phosphatidylinositol 3-Kinases Are Involved in Signaling Pathways That Control Macroautophagy in HT-29 Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 992-998.	3.4	1,047
8	Regulation of autophagy by cytoplasmic p53. <i>Nature Cell Biology</i> , 2008, 10, 676-687.	10.3	1,025
9	Emerging regulation and functions of autophagy. <i>Nature Cell Biology</i> , 2013, 15, 713-720.	10.3	1,014
10	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	7.8	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. <i>Journal of Biological Chemistry</i> , 2010, 285, 10850-10861.	3.4	942
12	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	7.8	615
13	Regulation and role of autophagy in mammalian cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2445-2462.	2.8	581
14	The Tumor Suppressor PTEN Positively Regulates Macroautophagy by Inhibiting the Phosphatidylinositol 3-Kinase/Protein Kinase B Pathway. <i>Journal of Biological Chemistry</i> , 2001, 276, 35243-35246.	3.4	514
15	Canonical and non-canonical autophagy: variations on a common theme of self-eating?. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 7-12.	37.0	479
16	Regulation of macroautophagy by mTOR and Beclin 1 complexes. <i>Biochimie</i> , 2008, 90, 313-323.	2.6	460
17	Overview of macroautophagy regulation in mammalian cells. <i>Cell Research</i> , 2010, 20, 748-762.	12.0	437
18	NF- $\kappa$ B Activation Represses Tumor Necrosis Factor- $\alpha$ -induced Autophagy. <i>Journal of Biological Chemistry</i> , 2006, 281, 30373-30382.	3.4	412

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19	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. <i>Molecular Cell</i> , 2014, 53, 710-725.	9.7	412
20	AMP-activated Protein Kinase and the Regulation of Autophagic Proteolysis. <i>Journal of Biological Chemistry</i> , 2006, 281, 34870-34879.	3.4	406
21	Autophagy is involved in T cell death after binding of HIV-1 envelope proteins to CXCR4. <i>Journal of Clinical Investigation</i> , 2006, 116, 2161-2172.	8.2	389
22	Ceramide-mediated Macroautophagy Involves Inhibition of Protein Kinase B and Up-regulation of Beclin 1. <i>Journal of Biological Chemistry</i> , 2004, 279, 18384-18391.	3.4	379
23	Functional interaction between autophagy and ciliogenesis. <i>Nature</i> , 2013, 502, 194-200.	27.8	357
24	Activation of lysosomal function in the course of autophagy via mTORC1 suppression and autophagosome-lysosome fusion. <i>Cell Research</i> , 2013, 23, 508-523.	12.0	340
25	Autophagic cell death: Loch Ness monster or endangered species?. <i>Autophagy</i> , 2011, 7, 457-465.	9.1	298
26	Development of autophagy inducers in clinical medicine. <i>Journal of Clinical Investigation</i> , 2015, 125, 14-24.	8.2	274
27	Erk1/2-dependent Phosphorylation of G $\alpha$ -interacting Protein Stimulates Its GTPase Accelerating Activity and Autophagy in Human Colon Cancer Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 39090-39095.	3.4	265
28	Celecoxib Induces Apoptosis by Inhibiting 3-Phosphoinositide-dependent Protein Kinase-1 Activity in the Human Colon Cancer HT-29 Cell Line. <i>Journal of Biological Chemistry</i> , 2002, 277, 27613-27621.	3.4	262
29	A comprehensive glossary of autophagy-related molecules and processes (2 <sup>nd</sup> edition). <i>Autophagy</i> , 2011, 7, 1273-1294.	9.1	255
30	Autophagy in liver diseases: Time for translation?. <i>Journal of Hepatology</i> , 2019, 70, 985-998.	3.7	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. <i>Journal of Biological Chemistry</i> , 2003, 278, 16667-16674.	3.4	247
32	Role of JNK1-dependent Bcl-2 Phosphorylation in Ceramide-induced Macroautophagy. <i>Journal of Biological Chemistry</i> , 2009, 284, 2719-2728.	3.4	240
33	Signalling and autophagy regulation in health, aging and disease. <i>Molecular Aspects of Medicine</i> , 2006, 27, 411-425.	6.4	233
34	Regulation of Autophagy by Sphingosine Kinase 1 and Its Role in Cell Survival during Nutrient Starvation. <i>Journal of Biological Chemistry</i> , 2006, 281, 8518-8527.	3.4	230
35	Autophagy Induction by the Pathogen Receptor CD46. <i>Cell Host and Microbe</i> , 2009, 6, 354-366.	11.0	227
36	Machinery, regulation and pathophysiological implications of autophagosome maturation. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 733-750.	37.0	223

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37	Autophagy regulation and its role in cancer. <i>Seminars in Cancer Biology</i> , 2013, 23, 361-379.	9.6	215
38	Autophagy and microtubules – new story, old players. <i>Journal of Cell Science</i> , 2013, 126, 1071-1080.	2.0	179
39	The Mechanism and Physiological Function of Macroautophagy. <i>Journal of Innate Immunity</i> , 2013, 5, 427-433.	3.8	177
40	Autophagy: Regulation and role in disease. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2009, 46, 210-240.	6.1	176
41	Starvation-induced Hyperacetylation of Tubulin Is Required for the Stimulation of Autophagy by Nutrient Deprivation. <i>Journal of Biological Chemistry</i> , 2010, 285, 24184-24194.	3.4	172
42	Autophagy in health and disease. 1. Regulation and significance of autophagy: an overview. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C776-C785.	4.6	168
43	Autophagy: a barrier or an adaptive response to cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2003, 1603, 113-128.	7.4	165
44	Inhibition of the autophagic flux by salinomycin in breast cancer stem-like/progenitor cells interferes with their maintenance. <i>Autophagy</i> , 2013, 9, 714-729.	9.1	163
45	Autophagy protects renal tubular cells against cyclosporine toxicity. <i>Autophagy</i> , 2008, 4, 783-791.	9.1	158
46	Autophagy is required for endothelial cell alignment and atheroprotection under physiological blood flow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8675-E8684.	7.1	156
47	Autophagy Is a Protective Mechanism for Human Melanoma Cells under Acidic Stress. <i>Journal of Biological Chemistry</i> , 2012, 287, 30664-30676.	3.4	153
48	Phosphatidylinositol(3)-phosphate in the regulation of autophagy membrane dynamics. <i>FEBS Journal</i> , 2017, 284, 1267-1278.	4.7	150
49	Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. <i>Current Biology</i> , 2019, 29, 435-448.e8.	3.9	150
50	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , 2015, 34, 1025-1041.	7.8	147
51	AMP-Activated Protein Kinase and Autophagy. <i>Autophagy</i> , 2007, 3, 238-240.	9.1	146
52	hnRNP G: sequence and characterization of a glycosylated RNA-binding protein. <i>Nucleic Acids Research</i> , 1993, 21, 4210-4217.	14.5	145
53	A comprehensive glossary of autophagy-related molecules and processes. <i>Autophagy</i> , 2010, 6, 438-448.	9.1	144
54	The Human Cytomegalovirus Protein TRS1 Inhibits Autophagy via Its Interaction with Beclin 1. <i>Journal of Virology</i> , 2012, 86, 2571-2584.	3.4	143

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55	Autophagy in stem cells: repair, remodelling and metabolic reprogramming. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	143
56	The Herpes Simplex Virus 1 Us11 Protein Inhibits Autophagy through Its Interaction with the Protein Kinase PKR. <i>Journal of Virology</i> , 2013, 87, 859-871.	3.4	139
57	Evidence for the interplay between JNK and p53-DRAM signaling pathways in the regulation of autophagy. <i>Autophagy</i> , 2010, 6, 153-154.	9.1	136
58	Autophagy: A Druggable Process. <i>Annual Review of Pharmacology and Toxicology</i> , 2017, 57, 375-398.	9.4	134
59	Regulation of autophagy by amino acids and MTOR-dependent signal transduction. <i>Amino Acids</i> , 2015, 47, 2037-2063.	2.7	133
60	Autophagy Signaling and the Cogwheels of Cancer. <i>Autophagy</i> , 2006, 2, 67-73.	9.1	132
61	Autophagy Delays Sulindac Sulfide-Induced Apoptosis in the Human Intestinal Colon Cancer Cell Line HT-29. <i>Experimental Cell Research</i> , 2001, 268, 139-149.	2.6	130
62	Primary-cilium-dependent autophagy controls epithelial cell volume in response to fluid flow. <i>Nature Cell Biology</i> , 2016, 18, 657-667.	10.3	127
63	Autophagy activation by NF $\kappa$ B is essential for cell survival after heat shock. <i>Autophagy</i> , 2009, 5, 766-783.	9.1	118
64	Human cytomegalovirus controls a new autophagy-dependent cellular antiviral defense mechanism. <i>Autophagy</i> , 2008, 4, 46-53.	9.1	116
65	<i>Legionella pneumophila</i> S1P-lyase targets host sphingolipid metabolism and restrains autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1901-1906.	7.1	115
66	A defect in endothelial autophagy occurs in patients with non-alcoholic steatohepatitis and promotes inflammation and fibrosis. <i>Journal of Hepatology</i> , 2020, 72, 528-538.	3.7	113
67	The Bcl-2 Homology Domain 3 Mimetic Gossypol Induces Both Beclin 1-dependent and Beclin 1-independent Cytoprotective Autophagy in Cancer Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 25570-25581.	3.4	112
68	Atg5: more than an autophagy factor. <i>Nature Cell Biology</i> , 2006, 8, 1045-1047.	10.3	109
69	A Heterotrimeric G $\beta$ 3-protein Controls Autophagic Sequestration in the Human Colon Cancer Cell Line HT-29. <i>Journal of Biological Chemistry</i> , 1995, 270, 13-16.	3.4	106
70	Disruption of Sphingosine 1-Phosphate Lyase Confers Resistance to Chemotherapy and Promotes Oncogenesis through Bcl-2/Bcl-xL Upregulation. <i>Cancer Research</i> , 2009, 69, 9346-9353.	0.9	103
71	Resveratrol-mediated autophagy requires WIPI-1-regulated LC3 lipidation in the absence of induced phagophore formation. <i>Autophagy</i> , 2011, 7, 1448-1461.	9.1	103
72	Guanine Nucleotide Exchange on Heterotrimeric G $\beta$ 3 Protein Controls Autophagic Sequestration in HT-29 Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 28593-28600.	3.4	102

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73	Autophagy and p70S6 Kinase. <i>Autophagy</i> , 2005, 1, 59-61.	9.1	101
74	Autophagy: A Potential Link between Obesity and Insulin Resistance. <i>Cell Metabolism</i> , 2010, 11, 449-451.	16.2	99
75	Aspirin Recapitulates Features of Caloric Restriction. <i>Cell Reports</i> , 2018, 22, 2395-2407.	6.4	98
76	Prion protein: From physiology to cancer biology. <i>Cancer Letters</i> , 2010, 290, 1-23.	7.2	96
77	Autophagy modulates cell migration and $\beta$ 1 integrin membrane recycling. <i>Cell Cycle</i> , 2013, 12, 3317-3328.	2.6	94
78	Regulation of Autophagy by NF-kappaB Transcription Factor and Reactives Oxygen Species. <i>Autophagy</i> , 2007, 3, 390-392.	9.1	91
79	PK11195 potently sensitizes to apoptosis induction independently from the peripheral benzodiazepin receptor. <i>Oncogene</i> , 2005, 24, 7503-7513.	5.9	88
80	Congenital Disorders of Glycosylation Type Ig Is Defined by a Deficiency in Dolichyl-P-mannose:Man7GlcNAc2-PP-dolichyl Mannosyltransferase. <i>Journal of Biological Chemistry</i> , 2002, 277, 25815-25822.	3.4	87
81	Is Autophagy the Key Mechanism by Which the Sphingolipid Rheostat Controls the Cell Fate Decision?. <i>Autophagy</i> , 2007, 3, 45-47.	9.1	86
82	Common Origin and Evolution of Glycosyltransferases Using Dol-P-monosaccharides as Donor Substrate. <i>Molecular Biology and Evolution</i> , 2002, 19, 1451-1463.	8.9	84
83	Abnormal Activation of Autophagy-Induced Crinophagy in Paneth Cells From Patients With Crohn's Disease. <i>Gastroenterology</i> , 2012, 142, 1097-1099.e4.	1.3	83
84	Ceramide-induced autophagy: To junk or to protect cells?. <i>Autophagy</i> , 2009, 5, 558-560.	9.1	79
85	A Deficiency in Dolichyl-P-glucose:Glc1Man9GlcNAc2-PP-dolichyl $\beta$ 3-Glucosyltransferase Defines a New Subtype of Congenital Disorders of Glycosylation. <i>Journal of Biological Chemistry</i> , 2003, 278, 9962-9971.	3.4	78
86	Transfer of Free Polymannose-type Oligosaccharides from the Cytosol to Lysosomes in Cultured Human Hepatocellular Carcinoma HEPG2 Cells. <i>Journal of Cell Biology</i> , 1997, 136, 45-59.	5.2	77
87	Autophagy: A Multifaceted Partner in Liver Fibrosis. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	77
88	Involvement of autophagy in viral infections: antiviral function and subversion by viruses. <i>Journal of Molecular Medicine</i> , 2007, 85, 811-23.	3.9	76
89	BAT3 modulates p300-dependent acetylation of p53 and autophagy-related protein 7 (ATG7) during autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4115-4120.	7.1	76
90	Ca <sup>2+</sup> /Calmodulin-Dependent Kinase (CaMK) Signaling via CaMKI and AMP-Activated Protein Kinase Contributes to the Regulation of WIPI-1 at the Onset of Autophagy. <i>Molecular Pharmacology</i> , 2011, 80, 1066-1075.	2.3	75

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91	Reactive Oxygen Species, AMP-activated Protein Kinase, and the Transcription Cofactor p300 Regulate $\alpha$ -Tubulin Acetyltransferase-1 ( $\alpha$ TAT-1/MEC-17)-dependent Microtubule Hyperacetylation during Cell Stress. <i>Journal of Biological Chemistry</i> , 2014, 289, 11816-11828.	3.4	75
92	p27 controls Ragulator and mTOR activity in amino acid-deprived cells to regulate the autophagy lysosomal pathway and coordinate cell cycle and cell growth. <i>Nature Cell Biology</i> , 2020, 22, 1076-1090.	10.3	74
93	Chapter 4 Assaying of Autophagic Protein Degradation. <i>Methods in Enzymology</i> , 2009, 452, 47-61.	1.0	73
94	c-Jun NH2-Terminal Kinase Activation Is Essential for DRAM-Dependent Induction of Autophagy and Apoptosis in 2-Methoxyestradiol-Treated Ewing Sarcoma Cells. <i>Cancer Research</i> , 2009, 69, 6924-6931.	0.9	71
95	Macroautophagy Signaling and Regulation. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 33-70.	1.1	71
96	miR-125b controls monocyte adaptation to inflammation through mitochondrial metabolism and dynamics. <i>Blood</i> , 2016, 128, 3125-3136.	1.4	71
97	Non-canonical autophagy: An exception or an underestimated form of autophagy?. <i>Autophagy</i> , 2008, 4, 1083-1085.	9.1	70
98	Autophagy is a survival force via suppression of necrotic cell death. <i>Experimental Cell Research</i> , 2012, 318, 1304-1308.	2.6	70
99	Diversity of Signaling Controls of Macroautophagy in Mammalian Cells. <i>Cell Structure and Function</i> , 2002, 27, 431-441.	1.1	67
100	The G-protein Regulator AGS3 Controls an Early Event during Macroautophagy in Human Intestinal HT-29 Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 20995-21002.	3.4	65
101	Autophagosomes and human diseases. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 460-464.	2.8	65
102	Lost to translation: when autophagy targets mature ribosomes. <i>Trends in Cell Biology</i> , 2008, 18, 311-314.	7.9	63
103	Autophagy, signaling and obesity. <i>Pharmacological Research</i> , 2012, 66, 513-525.	7.1	63
104	p27 controls autophagic vesicle trafficking in glucose-deprived cells via the regulation of ATAT1-mediated microtubule acetylation. <i>Cell Death and Disease</i> , 2021, 12, 481.	6.3	63
105	Cytosol-to-lysosome Transport of Free Polymannose-type Oligosaccharides. <i>Journal of Biological Chemistry</i> , 1999, 274, 13547-13555.	3.4	61
106	Lysosomes and lysosomal proteins in cancer cell death (new players of an old struggle). <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2006, 1765, 101-125.	7.4	61
107	Autophagy: Regulation by Energy Sensing. <i>Current Biology</i> , 2011, 21, R227-R229.	3.9	59
108	Glutamate dehydrogenase contributes to leucine sensing in the regulation of autophagy. <i>Autophagy</i> , 2013, 9, 850-860.	9.1	59

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109	PI3KC2Î±-dependent and VPS34-independent generation of PI3P controls primary cilium-mediated autophagy in response to shear stress. <i>Nature Communications</i> , 2020, 11, 294.	12.8	56
110	Control of the Expression and Activity of the GÎ±-interacting Protein (GAIP) in Human Intestinal Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 24599-24603.	3.4	53
111	Analyses of GÎ±-Interacting Protein and Activator of G-Protein-Signaling-3 Functions in Macroautophagy. <i>Methods in Enzymology</i> , 2004, 390, 17-31.	1.0	52
112	Autophagy: A Sweet Process in Diabetes. <i>Cell Metabolism</i> , 2008, 8, 275-276.	16.2	52
113	The nucleotide-sugar transporter family: a phylogenetic approach. <i>Biochimie</i> , 2003, 85, 245-260.	2.6	51
114	Lysosome positioning coordinates mTORC1 activity and autophagy. <i>Nature Cell Biology</i> , 2011, 13, 342-344.	10.3	51
115	Regulation of Autophagy by Sphingolipids. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011, 11, 844-853.	1.7	48
116	Carbon nanotubes, but not spherical nanoparticles, block autophagy by a shape-related targeting of lysosomes in murine macrophages. <i>Autophagy</i> , 2018, 14, 1323-1334.	9.1	48
117	LC3-associated phagocytosis protects against inflammation and liver fibrosis via immunoreceptor inhibitory signaling. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	48
118	Isoforms of the Lutheran/Basal Cell Adhesion Molecule Glycoprotein Are Differentially Delivered in Polarized Epithelial Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 31903-31908.	3.4	47
119	The Pro-apoptotic STK38 Kinase Is a New Beclin1 Partner Positively Regulating Autophagy. <i>Current Biology</i> , 2015, 25, 2479-2492.	3.9	47
120	PP2A blockade inhibits autophagy and causes intraneuronal accumulation of ubiquitinated proteins. <i>Neurobiology of Aging</i> , 2013, 34, 770-790.	3.1	46
121	The Journey of the Autophagosome through Mammalian Cell Organelles and Membranes. <i>Journal of Molecular Biology</i> , 2017, 429, 497-514.	4.2	46
122	The primary cilium and lipophagy translate mechanical forces to direct metabolic adaptation of kidney epithelial cells. <i>Nature Cell Biology</i> , 2020, 22, 1091-1102.	10.3	45
123	The roles of BECN1 and autophagy in cancer are context dependent. <i>Autophagy</i> , 2012, 8, 1853-1855.	9.1	43
124	An iron hand over cancer stem cells. <i>Autophagy</i> , 2017, 13, 1465-1466.	9.1	43
125	Targeting autophagy enhances the anti-tumoral action of crizotinib in ALK-positive anaplastic large cell lymphoma. <i>Oncotarget</i> , 2015, 6, 30149-30164.	1.8	43
126	Signal Transduction Pathways in Macroautophagy. <i>Cellular Signalling</i> , 1997, 9, 125-130.	3.6	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. <i>Experimental Cell Research</i> , 1988, 174, 344-354.	2.6	38
128	Subcellular localization of the GÎ±3 protein and G alpha interacting protein, two proteins involved in the control of macroautophagy in human colon cancer HT-29 cells. <i>Biochemical Journal</i> , 1999, 337, 289-295.	3.7	37
129	Autophagy in the liver. <i>Journal of Hepatology</i> , 2013, 59, 389-391.	3.7	35
130	Fine-tuning autophagy: from transcriptional to posttranslational regulation. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C351-C362.	4.6	33
131	Dual mechanism of laminin modulation of ecto-5â€²-nucleotidase activity. <i>Journal of Cellular Biochemistry</i> , 1993, 52, 266-274.	2.6	30
132	New Targets for Acetylation in Autophagy. <i>Science Signaling</i> , 2012, 5, pe29.	3.6	30
133	Sphingolipids in Macroautophagy. <i>Methods in Molecular Biology</i> , 2008, 445, 159-173.	0.9	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. <i>FEBS Journal</i> , 1985, 149, 453-460.	0.2	28
135	Macroautophagy: Protector in the Diabetes Drama?. <i>Autophagy</i> , 2007, 3, 522-525.	9.1	28
136	Constitutive autophagy contributes to resistance to TP53-mediated apoptosis in Epstein-Barr virus-positive latency III B-cell lymphoproliferations. <i>Autophagy</i> , 2015, 11, 2275-2287.	9.1	28
137	Evidence for a dual mechanism of chick embryo fibroblast adhesion on fibronectin and laminin substrata. <i>Experimental Cell Research</i> , 1987, 169, 478-489.	2.6	27
138	Differentiation-induced changes in the content, secretion, and subcellular distribution of lysosomal cathepsins in the human colon cancer HT-29 cell line. <i>Cell and Tissue Research</i> , 1997, 289, 109-117.	2.9	27
139	Increase in Ceramide Level Alters the Lysosomal Targeting of Cathepsin D prior to Onset of Apoptosis in HT-29 Colon Cancer Cells. <i>Biological Chemistry</i> , 2002, 383, 989-99.	2.5	27
140	The Metabolism of Sphingo(glyco)lipids is Correlated with the Differentiation-Dependent Autophagic Pathway in HT-29 Cells. <i>FEBS Journal</i> , 1996, 237, 454-459.	0.2	26
141	Autophagy and CD4<sup>+</sup>T lymphocyte destruction by HIV-1. <i>Autophagy</i> , 2007, 3, 32-34.	9.1	26
142	Regulation of autophagy by extracellular matrix glycoproteins in HeLa cells. <i>Autophagy</i> , 2011, 7, 27-39.	9.1	26
143	Autophagy joins the game to regulate NF-Î²B signaling pathways. <i>Cell Research</i> , 2007, 17, 576-577.	12.0	25
144	Autophagy and Autophagic Flux in Tumor Cells. <i>Methods in Enzymology</i> , 2014, 543, 73-88.	1.0	24

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145	Endothelial autophagic flux hampers atherosclerotic lesion development. <i>Autophagy</i> , 2018, 14, 173-175.	9.1	24
146	Nutrient sensing: TOR's Ragtime. <i>Nature Cell Biology</i> , 2008, 10, 881-883.	10.3	23
147	What is the role of autophagy in HIV-1 infection?. <i>Autophagy</i> , 2008, 4, 273-275.	9.1	22
148	In vivo effect of an antilipolytic drug (3,5-dimethylpyrazole) on autophagic proteolysis and autophagy-related gene expression in rat liver. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 786-792.	2.1	19
149	Beclin 1 or not Beclin 1.... <i>Autophagy</i> , 2011, 7, 671-672.	9.1	19
150	Mitochondrial morphodynamics alteration induced by influenza virus infection as a new antiviral strategy. <i>PLoS Pathogens</i> , 2021, 17, e1009340.	4.7	19
151	Non-canonical Autophagy: Facts and Prospects. <i>Current Pathobiology Reports</i> , 2013, 1, 263-271.	3.4	18
152	The primary cilium protein folliculin is part of the autophagy signaling pathway to regulate epithelial cell size in response to fluid flow. <i>Cell Stress</i> , 2019, 3, 100-109.	3.2	18
153	Processing of asparagine-linked oligosaccharides is an early biochemical marker of the enterocytic differentiation of HT-29 cells. <i>Journal of Cellular Biochemistry</i> , 1989, 41, 13-23.	2.6	17
154	Mitochondrial clearance by the STK38 kinase supports oncogenic Ras-induced cell transformation. <i>Oncotarget</i> , 2016, 7, 44142-44160.	1.8	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. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 166-170.	2.1	16
156	Autophagy transduces physical constraints into biological responses. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 419-426.	2.8	16
157	The autophagy protein ATG16L1 cooperates with IFT20 and INPP5E to regulate the turnover of phosphoinositides at the primary cilium. <i>Cell Reports</i> , 2021, 35, 109045.	6.4	16
158	Enzymatic activity and in vivo distribution of 5'-nucleotidase, an extracellular matrix binding glycoprotein, during the development of chicken striated muscle. <i>Experimental Cell Research</i> , 1992, 203, 62-71.	2.6	15
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