Patrice Codogno

List of Publications by Year in Descending Order

201 papers	30,893 citations	76 h-index	175 g-index
224 ext. papers	34,501 ext. citations	9.5 avg, IF	6.95 L-index

#	Paper	IF	Citations
201	GCN2 upregulates autophagy in response to short-term deprivation of a single essential amino acid **2022**, 1, 119-142		0
200	ATG4D is the main ATG8 delipidating enzyme in mammalian cells and protects against cerebellar neurodegeneration. *Cell Death and Differentiation*, **2021**, 28, 2651-2672	12.7	2
199	The autophagy protein ATG16L1 cooperates with IFT20 and INPP5E to regulate the turnover of phosphoinositides at the primary cilium. *Cell Reports*, **2021**, 35, 109045	10.6	6
198	When the autophagy protein ATG16L1 met the ciliary protein IFT20. *Autophagy*, **2021**, 17, 1791-1793	10.2	2
197	p27 controls autophagic vesicle trafficking in glucose-deprived cells via the regulation of ATAT1-mediated microtubule acetylation. *Cell Death and Disease*, **2021**, 12, 481	9.8	6
196	Overview of noncanonical autophagy **2021**, 41-67		
195	Monitoring lipophagy in kidney epithelial cells in response to shear stress. *Methods in Cell Biology*, **2021**, 164, 11-25	1.8	1
194	Mitochondrial morphodynamics alteration induced by influenza virus infection as a new antiviral strategy. *PLoS Pathogens*, **2021**, 17, e1009340	7.6	7
193	Machinery, regulation and pathophysiological implications of autophagosome maturation. *Nature Reviews Molecular Cell Biology*, **2021**, 22, 733-750	48.7	33
192	Autophagy in major human diseases. *EMBO Journal*, **2021**, 40, e108863	13	79
191	Links between autophagy and tissue mechanics. *Journal of Cell Science*, **2021**, 134,	5.3	2
190	LC3-associated phagocytosis in myeloid cells, a fireman that restrains inflammation and liver fibrosis, via immunoreceptor inhibitory signaling. *Autophagy*, **2020**, 16, 1526-1528	10.2	7
189	Primary cilium-dependent autophagy drafts PIK3C2A to generate PtdIns3P in response to shear stress. *Autophagy*, **2020**, 16, 1143-1144	10.2	4
188	PI3KC2Ɛdependent and VPS34-independent generation of PI3P controls primary cilium-mediated autophagy in response to shear stress. *Nature Communications*, **2020**, 11, 294	17.4	25
187	Chemical targeting of NEET proteins reveals their function in mitochondrial morphodynamics. *EMBO Reports*, **2020**, 21, e49019	6.5	4
186	A defect in endothelial autophagy occurs in patients with non-alcoholic steatohepatitis and promotes inflammation and fibrosis. *Journal of Hepatology*, **2020**, 72, 528-538	13.4	47
185	Human Cytomegalovirus Inhibits Autophagy of Renal Tubular Epithelial Cells and Promotes Cellular Enlargement. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 474	5.9	1

184	Fluid flow-induced shear stress controls the metabolism of proximal tubule kidney epithelial cells through primary cilium-dependent lipophagy and mitochondria biogenesis. *Autophagy*, **2020**, 16, 2287-2288	10.2	5
183	The primary cilium and lipophagy translate mechanical forces to direct metabolic adaptation of kidney epithelial cells. *Nature Cell Biology*, **2020**, 22, 1091-1102	23.4	16
182	p27 controls Ragulator and mTOR activity in amino acid-deprived cells to regulate the autophagy-lysosomal pathway and coordinate cell cycle and cell growth. *Nature Cell Biology*, **2020**, 22, 1076-1090	23.4	23
181	LC3-associated phagocytosis protects against inflammation and liver fibrosis via immunoreceptor inhibitory signaling. *Science Translational Medicine*, **2020**, 12,	17.5	26
180	Autophagy in liver diseases: Time for translation?. *Journal of Hepatology*, **2019**, 70, 985-998	13.4	136
179	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. *Autophagy*, **2019**, 15, 1829-1833	10.2	
178	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	5.5	10
177	Driving next-generation autophagy researchers towards translation (DRIVE), an international PhD training program on autophagy. *Autophagy*, **2019**, 15, 347-351	10.2	4
176	Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. *Current Biology*, **2019**, 29, 435-448.e8	6.3	84
175	Monitoring of Autophagy and Cell Volume Regulation in Kidney Epithelial Cells in Response to Fluid Shear Stress. *Methods in Molecular Biology*, **2019**, 1880, 331-340	1.4	1
174	Autophagy in stem cells: repair, remodelling and metabolic reprogramming. *Development (Cambridge)*, **2018**, 145,	6.6	98
173	Aspirin Recapitulates Features of Caloric Restriction. *Cell Reports*, **2018**, 22, 2395-2407	10.6	80
172	Endothelial autophagic flux hampers atherosclerotic lesion development. *Autophagy*, **2018**, 14, 173-175	10.2	17
171	Carbon nanotubes, but not spherical nanoparticles, block autophagy by a shape-related targeting of lysosomes in murine macrophages. *Autophagy*, **2018**, 14, 1323-1334	10.2	33
170	Autophagy: A Druggable Process. *Annual Review of Pharmacology and Toxicology*, **2017**, 57, 375-398	17.9	108
169	An iron hand over cancer stem cells. *Autophagy*, **2017**, 13, 1465-1466	10.2	27
168	Molecular definitions of autophagy and related processes. *EMBO Journal*, **2017**, 36, 1811-1836	13	857
167	Phosphatidylinositol-3-phosphate in the regulation of autophagy membrane dynamics. *FEBS Journal*, **2017**, 284, 1267-1278	5.7	104

166	The Journey of the Autophagosome through Mammalian Cell Organelles and Membranes. *Journal of Molecular Biology*, **2017**, 429, 497-514	6.5	38
165	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	11.5	98
164	Autophagy transduces physical constraints into biological responses. *International Journal of Biochemistry and Cell Biology*, **2016**, 79, 419-426	5.6	10
163	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
162	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, 1901-6	11.5	91
161	Mitochondrial clearance by the STK38 kinase supports oncogenic Ras-induced cell transformation. *Oncotarget*, **2016**, 7, 44142-44160	3.3	14
160	The Role of Autophagy in Cell Death **2016**, 139-154		1
159	miR-125b controls monocyte adaptation to inflammation through mitochondrial metabolism and dynamics. *Blood*, **2016**, 128, 3125-3136	2.2	51
158	TRANSAUTOPHAGY: European network for multidisciplinary research and translation of autophagy knowledge. *Autophagy*, **2016**, 12, 614-7	10.2	1
157	Primary-cilium-dependent autophagy controls epithelial cell volume in response to fluid flow. *Nature Cell Biology*, **2016**, 18, 657-67	23.4	87
156	Opening new doors in autophagy research: Patrice Codogno. *Autophagy*, **2016**, 12, 1063-8	10.2	
155	Fine-tuning autophagy: from transcriptional to posttranslational regulation. *American Journal of Physiology - Cell Physiology*, **2016**, 311, C351-62	5.4	26
154	Autophagy in malignant transformation and cancer progression. *EMBO Journal*, **2015**, 34, 856-80	13	801
153	The Pro-apoptotic STK38 Kinase Is a New Beclin1 Partner Positively Regulating Autophagy. *Current Biology*, **2015**, 25, 2479-92	6.3	38
152	Constitutive autophagy contributes to resistance to TP53-mediated apoptosis in Epstein-Barr virus-positive latency III B-cell lymphoproliferations. *Autophagy*, **2015**, 11, 2275-87	10.2	27
151	Regulation of autophagy by amino acids and MTOR-dependent signal transduction. *Amino Acids*, **2015**, 47, 2037-63	3.5	104
150	Development of autophagy inducers in clinical medicine. *Journal of Clinical Investigation*, **2015**, 125, 14-24	15.9	223
149	Regulation of Autophagy by Amino Acids **2015**, 55-68		0

148	Unsaturated fatty acids induce non-canonical autophagy. *EMBO Journal*, **2015**, 34, 1025-41	13	126
147	Targeting autophagy enhances the anti-tumoral action of crizotinib in ALK-positive anaplastic large cell lymphoma. *Oncotarget*, **2015**, 6, 30149-64	3.3	36
146	Autophagy and Tumor Cell Metabolism **2015**, 45-63		1
145	Regulation of autophagy by cytosolic acetyl-coenzyme A. *Molecular Cell*, **2014**, 53, 710-25	17.6	331
144	Reactive oxygen species, AMP-activated protein kinase, and the transcription cofactor p300 regulate α-tubulin acetyltransferase-1 (αTAT-1/MEC-17)-dependent microtubule hyperacetylation during cell stress. *Journal of Biological Chemistry*, **2014**, 289, 11816-11828	5.4	59
143	Autophagy and autophagic flux in tumor cells. *Methods in Enzymology*, **2014**, 543, 73-88	1.7	21
142	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, 4115-20	11.5	60
141	Autophagy in Necrosis: A Force for Survival **2014**, 233-252		
140	Autophagy: a multifaceted partner in liver fibrosis. *BioMed Research International*, **2014**, 2014, 869390	3	62
139	Cancer stem cells and autophagy: Facts and Perspectives. *Journal of Cancer Stem Cell Research*, **2014**, 2, 1		12
138	Autophagy regulation and its role in cancer. *Seminars in Cancer Biology*, **2013**, 23, 361-79	12.7	181
137	Autophagy in the liver. *Journal of Hepatology*, **2013**, 59, 389-91	13.4	29
136	Functional interaction between autophagy and ciliogenesis. *Nature*, **2013**, 502, 194-200	50.4	281
135	The herpes simplex virus 1 Us11 protein inhibits autophagy through its interaction with the protein kinase PKR. *Journal of Virology*, **2013**, 87, 859-71	6.6	111
134	PP2A blockade inhibits autophagy and causes intraneuronal accumulation of ubiquitinated proteins. *Neurobiology of Aging*, **2013**, 34, 770-90	5.6	45
133	Activation of lysosomal function in the course of autophagy via mTORC1 suppression and autophagosome-lysosome fusion. *Cell Research*, **2013**, 23, 508-23	24.7	274
132	Autophagy and microtubules - new story, old players. *Journal of Cell Science*, **2013**, 126, 1071-80	5.3	143
131	The mechanism and physiological function of macroautophagy. *Journal of Innate Immunity*, **2013**, 5, 427-33	3.9	137

130	Emerging regulation and functions of autophagy. *Nature Cell Biology*, **2013**, 15, 713-20	23.4	793
129	Non-canonical Autophagy: Facts and Prospects. *Current Pathobiology Reports*, **2013**, 1, 263-271	2	14
128	Glutamate dehydrogenase contributes to leucine sensing in the regulation of autophagy. *Autophagy*, **2013**, 9, 850-60	10.2	48
127	Inhibition of the autophagic flux by salinomycin in breast cancer stem-like/progenitor cells interferes with their maintenance. *Autophagy*, **2013**, 9, 714-29	10.2	138
126	Autophagy modulates cell migration and β1 integrin membrane recycling. *Cell Cycle*, **2013**, 12, 3317-28	4.7	73
125	Autophagy, Cell Death, and Cancer **2013**, 359-390		
124	Autophagy is a survival force via suppression of necrotic cell death. *Experimental Cell Research*, **2012**, 318, 1304-8	4.2	65
123	The roles of BECN1 and autophagy in cancer are context dependent. *Autophagy*, **2012**, 8, 1853-5	10.2	38
122	Autophagy, signaling and obesity. *Pharmacological Research*, **2012**, 66, 513-25	10.2	58
121	New targets for acetylation in autophagy. *Science Signaling*, **2012**, 5, pe29	8.8	28
120	Autophagy modulation as a potential therapeutic target for diverse diseases. *Nature Reviews Drug Discovery*, **2012**, 11, 709-30	64.1	1075
119	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
118	Abnormal activation of autophagy-induced crinophagy in Paneth cells from patients with Crohn's disease. *Gastroenterology*, **2012**, 142, 1097-1099.e4	13.3	69
117	Autophagy is a protective mechanism for human melanoma cells under acidic stress. *Journal of Biological Chemistry*, **2012**, 287, 30664-76	5.4	132
116	The human cytomegalovirus protein TRS1 inhibits autophagy via its interaction with Beclin 1. *Journal of Virology*, **2012**, 86, 2571-84	6.6	124
115	Canonical and non-canonical autophagy: variations on a common theme of self-eating?. *Nature Reviews Molecular Cell Biology*, **2011**, 13, 7-12	48.7	399
114	Autophagosomes and human diseases. *International Journal of Biochemistry and Cell Biology*, **2011**, 43, 460-4	5.6	56
113	Resveratrol-mediated autophagy requires WIPI-1-regulated LC3 lipidation in the absence of induced phagophore formation. *Autophagy*, **2011**, 7, 1448-61	10.2	90

112	Drug enhanced autophagy to fight mutant protein overload. *Journal of Hepatology*, **2011**, 54, 1066-8	13.4	6
111	Compartmentalized regulation of autophagy regulators: fine-tuning AMBRA1 by Bcl-2. *EMBO Journal*, **2011**, 30, 1185-6	13	9
110	Autophagy: regulation by energy sensing. *Current Biology*, **2011**, 21, R227-9	6.3	51
109	A new fluorescence-based assay for autophagy. *Chemistry and Biology*, **2011**, 18, 940-1		6
108	Regulation of autophagy by sphingolipids. *Anti-Cancer Agents in Medicinal Chemistry*, **2011**, 11, 844-53	2.2	45
107	Regulation of autophagy by extracellular matrix glycoproteins in HeLa cells. *Autophagy*, **2011**, 7, 27-39	10.2	21
106	Autophagic cell death: Loch Ness monster or endangered species?. *Autophagy*, **2011**, 7, 457-65	10.2	260
105	A comprehensive glossary of autophagy-related molecules and processes (2nd edition). *Autophagy*, **2011**, 7, 1273-94	10.2	205
104	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, 1066-75	4.3	68
103	Overview of macroautophagy regulation in mammalian cells. *Cell Research*, **2010**, 20, 748-62	24.7	368
102	Signaling in Autophagy Related Pathways **2010**, 2583-2588		
101	A comprehensive glossary of autophagy-related molecules and processes. *Autophagy*, **2010**, 6, 438-48	10.2	123
100	Starvation-induced hyperacetylation of tubulin is required for the stimulation of autophagy by nutrient deprivation. *Journal of Biological Chemistry*, **2010**, 285, 24184-94	5.4	133
99	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, 25570-81	5.4	102
98	Evidence for the interplay between JNK and p53-DRAM signalling pathways in the regulation of autophagy. *Autophagy*, **2010**, 6, 153-4	10.2	121
97	Autophagy in health and disease. 1. Regulation and significance of autophagy: an overview. *American Journal of Physiology - Cell Physiology*, **2010**, 298, C776-85	5.4	147
96	Regulation of cell death by sphingosine 1-phosphate lyase. *Autophagy*, **2010**, 6, 426-7	10.2	5
95	GTP: gatekeeper for autophagy. *Molecular Cell*, **2010**, 39, 485-6	17.6	1

94	Prion protein: From physiology to cancer biology. *Cancer Letters*, **2010**, 290, 1-23	9.9	67
93	Autophagy: a potential link between obesity and insulin resistance. *Cell Metabolism*, **2010**, 11, 449-51	24.6	78
92	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, 10850-61	5.4	774
91	Role of JNK1-dependent Bcl-2 phosphorylation in ceramide-induced macroautophagy. *Journal of Biological Chemistry*, **2009**, 284, 2719-2728	5.4	213
90	Disruption of sphingosine 1-phosphate lyase confers resistance to chemotherapy and promotes oncogenesis through Bcl-2/Bcl-xL upregulation. *Cancer Research*, **2009**, 69, 9346-53	10.1	91
89	Ceramide-induced autophagy: to junk or to protect cells?. *Autophagy*, **2009**, 5, 558-60	10.2	67
88	Autophagy activation by NFkappaB is essential for cell survival after heat shock. *Autophagy*, **2009**, 5, 766-83	10.2	98
87	c-Jun NH2-terminal kinase activation is essential for DRAM-dependent induction of autophagy and apoptosis in 2-methoxyestradiol-treated Ewing sarcoma cells. *Cancer Research*, **2009**, 69, 6924-31	10.1	61
86	Autophagy induction by the pathogen receptor CD46. *Cell Host and Microbe*, **2009**, 6, 354-66	23.4	190
85	Autophagy: regulation and role in disease. *Critical Reviews in Clinical Laboratory Sciences*, **2009**, 46, 210-40	9.4	152
84	Assaying of autophagic protein degradation. *Methods in Enzymology*, **2009**, 452, 47-61	1.7	64
83	Macroautophagy signaling and regulation. *Current Topics in Microbiology and Immunology*, **2009**, 335, 33-70	3.3	65
82	Regulation of autophagy by cytoplasmic p53. *Nature Cell Biology*, **2008**, 10, 676-87	23.4	899
81	Lost to translation: when autophagy targets mature ribosomes. *Trends in Cell Biology*, **2008**, 18, 311-4	18.3	57
80	Regulation of macroautophagy by mTOR and Beclin 1 complexes. *Biochimie*, **2008**, 90, 313-23	4.6	422
79	In vivo effect of an antilipolytic drug (3,5Rdimethylpyrazole) on autophagic proteolysis and autophagy-related gene expression in rat liver. *Biochemical and Biophysical Research Communications*, **2008**, 366, 786-92	3.4	17
78	Autophagy: a sweet process in diabetes. *Cell Metabolism*, **2008**, 8, 275-6	24.6	48
77	What is the role of autophagy in HIV-1 infection?. *Autophagy*, **2008**, 4, 273-5	10.2	21

76	Human cytomegalovirus controls a new autophagy-dependent cellular antiviral defense mechanism. *Autophagy*, **2008**, 4, 46-53	10.2	106
75	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. *Autophagy*, **2008**, 4, 151-75	10.2	1920
74	Non-canonical autophagy: an exception or an underestimated form of autophagy?. *Autophagy*, **2008**, 4, 1083-5	10.2	65
73	Autophagy protects renal tubular cells against cyclosporine toxicity. *Autophagy*, **2008**, 4, 783-91	10.2	138
72	Sphingolipids in macroautophagy. *Methods in Molecular Biology*, **2008**, 445, 159-73	1.4	27
71	Involvement of autophagy in viral infections: antiviral function and subversion by viruses. *Journal of Molecular Medicine*, **2007**, 85, 811-23	5.5	64
70	Autophagy and CD4+ T lymphocyte destruction by HIV-1. *Autophagy*, **2007**, 3, 32-4	10.2	22
69	AMP-activated protein kinase and autophagy. *Autophagy*, **2007**, 3, 238-40	10.2	131
68	Macroautophagy as a Target of Cancer Therapy. *Current Cancer Therapy Reviews*, **2007**, 3, 199-208	0.4	
67	Is autophagy the key mechanism by which the sphingolipid rheostat controls the cell fate decision?. *Autophagy*, **2007**, 3, 45-7	10.2	77
66	Macroautophagy: protector in the diabetes drama?. *Autophagy*, **2007**, 3, 523-6	10.2	27
65	Regulation of autophagy by NFkappaB transcription factor and reactives oxygen species. *Autophagy*, **2007**, 3, 390-2	10.2	81
64	Autophagy and Autophagic Cell Death **2007**, 93-107		2
63	Lysosomes and lysosomal proteins in cancer cell death (new players of an old struggle). *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2006**, 1765, 101-25	11.2	42
62	Autophagy signaling and the cogwheels of cancer. *Autophagy*, **2006**, 2, 67-73	10.2	120
61	AMP-activated protein kinase and the regulation of autophagic proteolysis. *Journal of Biological Chemistry*, **2006**, 281, 34870-9	5.4	354
60	Autophagy is involved in T cell death after binding of HIV-1 envelope proteins to CXCR4. *Journal of Clinical Investigation*, **2006**, 116, 2161-72	15.9	334
59	Regulation of autophagy by sphingosine kinase 1 and its role in cell survival during nutrient starvation. *Journal of Biological Chemistry*, **2006**, 281, 8518-27	5.4	198

58	NF-kappaB activation represses tumor necrosis factor-alpha-induced autophagy. *Journal of Biological Chemistry*, **2006**, 281, 30373-82	5.4	370
57	Autophagy and caspase-independent cell death: p19ARF enters the game. *Developmental Cell*, **2006**, 10, 688-9	10.2	5
56	Signalling and autophagy regulation in health, aging and disease. *Molecular Aspects of Medicine*, **2006**, 27, 411-25	16.7	210
55	Defect of N-glycosylation is not directly related to congenital disorder of glycosylation Ia fibroblast sensitivity to staurosporine-induced cell death. *Pediatric Research*, **2005**, 58, 254-7	3.2	0
54	PK11195 potently sensitizes to apoptosis induction independently from the peripheral benzodiazepin receptor. *Oncogene*, **2005**, 24, 7503-13	9.2	79
53	Inhibition of macroautophagy triggers apoptosis. *Molecular and Cellular Biology*, **2005**, 25, 1025-40	4.8	1411
52	Autophagy and p70S6 kinase. *Autophagy*, **2005**, 1, 59-60; discussion 60-1	10.2	94
51	Activity and tissue distribution of splice variants of alpha6-fucosyltransferase in human embryogenesis. *Glycobiology*, **2004**, 14, 13-25	5.8	9
50	Analyses of Galpha-interacting protein and activator of G-protein-signaling-3 functions in macroautophagy. *Methods in Enzymology*, **2004**, 390, 17-31	1.7	46
49	Ceramide-mediated macroautophagy involves inhibition of protein kinase B and up-regulation of beclin 1. *Journal of Biological Chemistry*, **2004**, 279, 18384-91	5.4	333
48	Regulation and role of autophagy in mammalian cells. *International Journal of Biochemistry and Cell Biology*, **2004**, 36, 2445-62	5.6	512
47	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, 16667-74	5.4	219
46	The G-protein regulator AGS3 controls an early event during macroautophagy in human intestinal HT-29 cells. *Journal of Biological Chemistry*, **2003**, 278, 20995-1002	5.4	55
45	Autophagy: a barrier or an adaptive response to cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2003**, 1603, 113-28	11.2	131
44	The nucleotide-sugar transporter family: a phylogenetic approach. *Biochimie*, **2003**, 85, 245-60	4.6	47
43	A deficiency in dolichyl-P-glucose:Glc1Man9GlcNAc2-PP-dolichyl alpha3-glucosyltransferase defines a new subtype of congenital disorders of glycosylation. *Journal of Biological Chemistry*, **2003**, 278, 9962-71	5.4	62
42	Diversity of signaling controls of macroautophagy in mammalian cells. *Cell Structure and Function*, **2002**, 27, 431-41	2.2	64
41	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	4.5	26

40	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, 27613-21	5.4	235
39	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, 25815-22	5.4	73
38	Common origin and evolution of glycosyltransferases using Dol-P-monosaccharides as donor substrate. *Molecular Biology and Evolution*, **2002**, 19, 1451-63	8.3	75
37	Increased biosynthesis of glycosphingolipids in congenital disorder of glycosylation Ia (CDG-Ia) fibroblasts. *Pediatric Research*, **2002**, 52, 645-51	3.2	9
36	The tumor suppressor PTEN positively regulates macroautophagy by inhibiting the phosphatidylinositol 3-kinase/protein kinase B pathway. *Journal of Biological Chemistry*, **2001**, 276, 35243-6	5.4	445
35	Autophagy delays sulindac sulfide-induced apoptosis in the human intestinal colon cancer cell line HT-29. *Experimental Cell Research*, **2001**, 268, 139-49	4.2	124
34	Glucose persistence on high-mannose oligosaccharides selectively inhibits the macroautophagic sequestration of N-linked glycoproteins. *Biochemical Journal*, **2000**, 345, 459	3.8	3
33	Erk1/2-dependent phosphorylation of Galpha-interacting protein stimulates its GTPase accelerating activity and autophagy in human colon cancer cells. *Journal of Biological Chemistry*, **2000**, 275, 39090-5	5.4	241
32	Distinct classes of phosphatidylinositol 3Rkinases are involved in signaling pathways that control macroautophagy in HT-29 cells. *Journal of Biological Chemistry*, **2000**, 275, 992-8	5.4	928
31	Isoforms of the Lutheran/basal cell adhesion molecule glycoprotein are differentially delivered in polarized epithelial cells. Mapping of the basolateral sorting signal to a cytoplasmic di-leucine motif. *Journal of Biological Chemistry*, **1999**, 274, 31903-8	5.4	44
30	Subcellular localization of the GB 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	3.8	10
29	Subcellular localization of the GB 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	3.8	35
28	Cytosol-to-lysosome transport of free polymannose-type oligosaccharides. Kinetic and specificity studies using rat liver lysosomes. *Journal of Biological Chemistry*, **1999**, 274, 13547-55	5.4	51
27	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	7.3	70
26	Control of the expression and activity of the Galpha-interacting protein (GAIP) in human intestinal cells. *Journal of Biological Chemistry*, **1997**, 272, 24599-603	5.4	49
25	Evidence for a dual control of macroautophagic sequestration and intracellular trafficking of N-linked glycoproteins by the trimeric G(i3) protein in HT-29 cells. *Biochemical and Biophysical Research Communications*, **1997**, 235, 166-70	3.4	15
24	Signal transduction pathways in macroautophagy. *Cellular Signalling*, **1997**, 9, 125-30	4.9	38
23	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, 109-17	4.2	25

22	Guanine nucleotide exchange on heterotrimeric Gi3 protein controls autophagic sequestration in HT-29 cells. *Journal of Biological Chemistry*, **1996**, 271, 28593-600	5.4	95
21	The metabolism of sphingo(glyco)lipids is correlated with the differentiation-dependent autophagic pathway in HT-29 cells. *FEBS Journal*, **1996**, 237, 454-9		24
20	A heterotrimeric Gi3-protein controls autophagic sequestration in the human colon cancer cell line HT-29. *Journal of Biological Chemistry*, **1995**, 270, 13-6	5.4	88
19	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, 277-87	4.2	12
18	hnRNP G: sequence and characterization of a glycosylated RNA-binding protein. *Nucleic Acids Research*, **1993**, 21, 4210-7	20.1	135
17	Dual mechanism of laminin modulation of ecto-5Rnucleotidase activity. *Journal of Cellular Biochemistry*, **1993**, 52, 266-74	4.7	22
16	Enzymatic activity and in vivo distribution of 5Rnucleotidase, an extracellular matrix binding glycoprotein, during the development of chicken striated muscle. *Experimental Cell Research*, **1992**, 203, 62-71	4.2	14
15	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, 1169-74		7
14	Relationship between the content of [14C]glucose-derived monosaccharides in glycoprotein oligosaccharide chains and the state of enterocytic differentiation of HT-29 cells. *Carbohydrate Research*, **1992**, 236, 97-105	2.9	
13	Evidence for the presence of complex high-molecular mass N-linked oligosaccharides in intranuclear glycoproteins from HeLa cells. *Journal of Cellular Biochemistry*, **1992**, 50, 93-102	4.7	7
12	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, 236-42	4.2	6
11	Intracellular events are responsible for the differential expression of fibronectin on the fibroblast surface during chick embryo development. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1991**, 1093, 13-9	4.9	2
10	Increased UDP-GlcNAc: alpha-mannoside beta(1----4) N-acetylglucosaminyltransferase activity during chick embryo development. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1990**, 1054, 149-53	4.9	6
9	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	4.7	17
8	Role of cell surface glycoproteins in embryo cell adhesion to extracellular matrix. *Biochemical Society Transactions*, **1989**, 17, 27-8	5.1	1
7	Concanavalin A-induced impairment of fibroblast spreading on laminin but not on fibronectin. *Journal of Cellular Physiology*, **1988**, 136, 463-70	7	9
6	Polyclonal and monoclonal antibodies against chicken gizzard 5Rnucleotidase inhibit the spreading process of chicken embryonic fibroblasts on laminin substratum. *Experimental Cell Research*, **1988**, 174, 344-54	4.2	36
5	Evidence for a dual mechanism of chick embryo fibroblast adhesion on fibronectin and laminin substrata. *Experimental Cell Research*, **1987**, 169, 478-89	4.2	24

4	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, 453-60		24
3	Influence of Concanavalin A on 3-O-methylglucose uptake in cultured chick embryo fibroblasts. Evidence for differences related to the age of embryos. *Differentiation*, **1984**, 27, 192-5	3.5	
2	Changes in protein glycosylation during chick embryo development. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1983**, 763, 265-75	4.9	14
1	Changes in cell-surface sialic acid content during chick embryo development. *Mechanisms of Ageing and Development*, **1983**, 23, 307-14	5.6	11