

Patrice Codogno

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5025284/patrice-codogno-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
200	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546	10.2	2783
199	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
198	Inhibition of macroautophagy triggers apoptosis. <i>Molecular and Cellular Biology</i> , 2005 , 25, 1025-40	4.8	1411
197	Autophagy modulation as a potential therapeutic target for diverse diseases. <i>Nature Reviews Drug Discovery</i> , 2012 , 11, 709-30	64.1	1075
196	Distinct classes of phosphatidylinositol 3Rkinases are involved in signaling pathways that control macroautophagy in HT-29 cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 992-8	5.4	928
195	Regulation of autophagy by cytoplasmic p53. <i>Nature Cell Biology</i> , 2008 , 10, 676-87	23.4	899
194	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857
193	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015 , 34, 856-80	13	801
192	Emerging regulation and functions of autophagy. <i>Nature Cell Biology</i> , 2013 , 15, 713-20	23.4	793
191	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, 10850-61	5.4	774
190	Regulation and role of autophagy in mammalian cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2004 , 36, 2445-62	5.6	512
189	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, 35243-6	5.4	445
188	Regulation of macroautophagy by mTOR and Beclin 1 complexes. <i>Biochimie</i> , 2008 , 90, 313-23	4.6	422
187	Canonical and non-canonical autophagy: variations on a common theme of self-eating?. <i>Nature Reviews Molecular Cell Biology</i> , 2011 , 13, 7-12	48.7	399
186	NF-kappaB activation represses tumor necrosis factor-alpha-induced autophagy. <i>Journal of Biological Chemistry</i> , 2006 , 281, 30373-82	5.4	370
185	Overview of macroautophagy regulation in mammalian cells. <i>Cell Research</i> , 2010 , 20, 748-62	24.7	368

184	AMP-activated protein kinase and the regulation of autophagic proteolysis. <i>Journal of Biological Chemistry</i> , 2006 , 281, 34870-9	5.4	354
183	Autophagy is involved in T cell death after binding of HIV-1 envelope proteins to CXCR4. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2161-72	15.9	334
182	Ceramide-mediated macroautophagy involves inhibition of protein kinase B and up-regulation of beclin 1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 18384-91	5.4	333
181	Regulation of autophagy by cytosolic acetyl-coenzyme A. <i>Molecular Cell</i> , 2014 , 53, 710-25	17.6	331
180	Functional interaction between autophagy and ciliogenesis. <i>Nature</i> , 2013 , 502, 194-200	50.4	281
179	Activation of lysosomal function in the course of autophagy via mTORC1 suppression and autophagosome-lysosome fusion. <i>Cell Research</i> , 2013 , 23, 508-23	24.7	274
178	Autophagic cell death: Loch Ness monster or endangered species?. <i>Autophagy</i> , 2011 , 7, 457-65	10.2	260
177	Erk1/2-dependent phosphorylation of Galpha-interacting protein stimulates its GTPase accelerating activity and autophagy in human colon cancer cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 39090-5	5.4	241
176	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, 27613-21	5.4	235
175	Development of autophagy inducers in clinical medicine. <i>Journal of Clinical Investigation</i> , 2015 , 125, 14-24	45.9	223
174	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, 16667-74	5.4	219
173	Role of JNK1-dependent Bcl-2 phosphorylation in ceramide-induced macroautophagy. <i>Journal of Biological Chemistry</i> , 2009 , 284, 2719-2728	5.4	213
172	Signalling and autophagy regulation in health, aging and disease. <i>Molecular Aspects of Medicine</i> , 2006 , 27, 411-25	16.7	210
171	A comprehensive glossary of autophagy-related molecules and processes (2nd edition). <i>Autophagy</i> , 2011 , 7, 1273-94	10.2	205
170	Regulation of autophagy by sphingosine kinase 1 and its role in cell survival during nutrient starvation. <i>Journal of Biological Chemistry</i> , 2006 , 281, 8518-27	5.4	198
169	Autophagy induction by the pathogen receptor CD46. <i>Cell Host and Microbe</i> , 2009 , 6, 354-66	23.4	190
168	Autophagy regulation and its role in cancer. <i>Seminars in Cancer Biology</i> , 2013 , 23, 361-79	12.7	181
167	Autophagy: regulation and role in disease. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2009 , 46, 210-40	40.4	152

166	Autophagy in health and disease. 1. Regulation and significance of autophagy: an overview. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 298, C776-85	5-4	147
165	Autophagy and microtubules - new story, old players. <i>Journal of Cell Science</i> , 2013 , 126, 1071-80	5-3	143
164	Inhibition of the autophagic flux by salinomycin in breast cancer stem-like/progenitor cells interferes with their maintenance. <i>Autophagy</i> , 2013 , 9, 714-29	10.2	138
163	Autophagy protects renal tubular cells against cyclosporine toxicity. <i>Autophagy</i> , 2008 , 4, 783-91	10.2	138
162	The mechanism and physiological function of macroautophagy. <i>Journal of Innate Immunity</i> , 2013 , 5, 427-33		137
161	Autophagy in liver diseases: Time for translation?. <i>Journal of Hepatology</i> , 2019 , 70, 985-998	13.4	136
160	hnRNP G: sequence and characterization of a glycosylated RNA-binding protein. <i>Nucleic Acids Research</i> , 1993 , 21, 4210-7	20.1	135
159	Starvation-induced hyperacetylation of tubulin is required for the stimulation of autophagy by nutrient deprivation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 24184-94	5-4	133
158	Autophagy is a protective mechanism for human melanoma cells under acidic stress. <i>Journal of Biological Chemistry</i> , 2012 , 287, 30664-76	5-4	132
157	AMP-activated protein kinase and autophagy. <i>Autophagy</i> , 2007 , 3, 238-40	10.2	131
156	Autophagy: a barrier or an adaptive response to cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2003 , 1603, 113-28	11.2	131
155	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , 2015 , 34, 1025-41	13	126
154	The human cytomegalovirus protein TRS1 inhibits autophagy via its interaction with Beclin 1. <i>Journal of Virology</i> , 2012 , 86, 2571-84	6.6	124
153	Autophagy delays sulindac sulfide-induced apoptosis in the human intestinal colon cancer cell line HT-29. <i>Experimental Cell Research</i> , 2001 , 268, 139-49	4.2	124
152	A comprehensive glossary of autophagy-related molecules and processes. <i>Autophagy</i> , 2010 , 6, 438-48	10.2	123
151	Evidence for the interplay between JNK and p53-DRAM signalling pathways in the regulation of autophagy. <i>Autophagy</i> , 2010 , 6, 153-4	10.2	121
150	Autophagy signaling and the cogwheels of cancer. <i>Autophagy</i> , 2006 , 2, 67-73	10.2	120
149	The herpes simplex virus 1 Us11 protein inhibits autophagy through its interaction with the protein kinase PKR. <i>Journal of Virology</i> , 2013 , 87, 859-71	6.6	111

148	Autophagy: A Druggable Process. <i>Annual Review of Pharmacology and Toxicology</i> , 2017 , 57, 375-398	17.9	108
147	Human cytomegalovirus controls a new autophagy-dependent cellular antiviral defense mechanism. <i>Autophagy</i> , 2008 , 4, 46-53	10.2	106
146	Phosphatidylinositol-3-phosphate in the regulation of autophagy membrane dynamics. <i>FEBS Journal</i> , 2017 , 284, 1267-1278	5.7	104
145	Regulation of autophagy by amino acids and MTOR-dependent signal transduction. <i>Amino Acids</i> , 2015 , 47, 2037-63	3.5	104
144	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, 25570-81	5.4	102
143	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	11.5	98
142	Autophagy in stem cells: repair, remodelling and metabolic reprogramming. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	98
141	Autophagy activation by NFkappaB is essential for cell survival after heat shock. <i>Autophagy</i> , 2009 , 5, 766-83	10.2	98
140	Guanine nucleotide exchange on heterotrimeric Gi3 protein controls autophagic sequestration in HT-29 cells. <i>Journal of Biological Chemistry</i> , 1996 , 271, 28593-600	5.4	95
139	Autophagy and p70S6 kinase. <i>Autophagy</i> , 2005 , 1, 59-60; discussion 60-1	10.2	94
138	Legionella pneumophila 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, 1901-6	11.5	91
137	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, 9346-53	10.1	91
136	Resveratrol-mediated autophagy requires WIPI-1-regulated LC3 lipidation in the absence of induced phagophore formation. <i>Autophagy</i> , 2011 , 7, 1448-61	10.2	90
135	A heterotrimeric Gi3-protein controls autophagic sequestration in the human colon cancer cell line HT-29. <i>Journal of Biological Chemistry</i> , 1995 , 270, 13-6	5.4	88
134	Primary-cilium-dependent autophagy controls epithelial cell volume in response to fluid flow. <i>Nature Cell Biology</i> , 2016 , 18, 657-67	23.4	87
133	Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. <i>Current Biology</i> , 2019 , 29, 435-448.e8	6.3	84
132	Regulation of autophagy by NFkappaB transcription factor and reactivities oxygen species. <i>Autophagy</i> , 2007 , 3, 390-2	10.2	81
131	Aspirin Recapitulates Features of Caloric Restriction. <i>Cell Reports</i> , 2018 , 22, 2395-2407	10.6	80

130	PK11195 potently sensitizes to apoptosis induction independently from the peripheral benzodiazepin receptor. <i>Oncogene</i> , 2005 , 24, 7503-13	9.2	79
129	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
128	Autophagy: a potential link between obesity and insulin resistance. <i>Cell Metabolism</i> , 2010 , 11, 449-51	24.6	78
127	Is autophagy the key mechanism by which the sphingolipid rheostat controls the cell fate decision?. <i>Autophagy</i> , 2007 , 3, 45-7	10.2	77
126	Common origin and evolution of glycosyltransferases using Dol-P-monosaccharides as donor substrate. <i>Molecular Biology and Evolution</i> , 2002 , 19, 1451-63	8.3	75
125	Autophagy modulates cell migration and β 1 integrin membrane recycling. <i>Cell Cycle</i> , 2013 , 12, 3317-28	4.7	73
124	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, 25815-22	5.4	73
123	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	7.3	70
122	Abnormal activation of autophagy-induced crinophagy in Paneth cells from patients with Crohn's disease. <i>Gastroenterology</i> , 2012 , 142, 1097-1099.e4	13.3	69
121	Ca ²⁺ /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, 1066-75	4.3	68
120	Prion protein: From physiology to cancer biology. <i>Cancer Letters</i> , 2010 , 290, 1-23	9.9	67
119	Ceramide-induced autophagy: to junk or to protect cells?. <i>Autophagy</i> , 2009 , 5, 558-60	10.2	67
118	Autophagy is a survival force via suppression of necrotic cell death. <i>Experimental Cell Research</i> , 2012 , 318, 1304-8	4.2	65
117	Macroautophagy signaling and regulation. <i>Current Topics in Microbiology and Immunology</i> , 2009 , 335, 33-70	3.3	65
116	Non-canonical autophagy: an exception or an underestimated form of autophagy?. <i>Autophagy</i> , 2008 , 4, 1083-5	10.2	65
115	Assaying of autophagic protein degradation. <i>Methods in Enzymology</i> , 2009 , 452, 47-61	1.7	64
114	Involvement of autophagy in viral infections: antiviral function and subversion by viruses. <i>Journal of Molecular Medicine</i> , 2007 , 85, 811-23	5.5	64
113	Diversity of signaling controls of macroautophagy in mammalian cells. <i>Cell Structure and Function</i> , 2002 , 27, 431-41	2.2	64

112	Autophagy: a multifaceted partner in liver fibrosis. <i>BioMed Research International</i> , 2014 , 2014, 869390	3	62
111	A deficiency in dolichyl-P-glucose:Glc1Man9GlcNAc2-PP-dolichyl alpha3-glucoyltransferase defines a new subtype of congenital disorders of glycosylation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 9962-71	5.4	62
110	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, 6924-31	10.1	61
109	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, 4115-20	11.5	60
108	Reactive oxygen species, AMP-activated protein kinase, and the transcription cofactor p300 regulate Tubulin acetyltransferase-1 (TAT-1/MEC-17)-dependent microtubule hyperacetylation during cell stress. <i>Journal of Biological Chemistry</i> , 2014 , 289, 11816-11828	5.4	59
107	Autophagy, signaling and obesity. <i>Pharmacological Research</i> , 2012 , 66, 513-25	10.2	58
106	Lost to translation: when autophagy targets mature ribosomes. <i>Trends in Cell Biology</i> , 2008 , 18, 311-4	18.3	57
105	Autophagosomes and human diseases. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 460-4	5.6	56
104	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, 20995-1002	5.4	55
103	Autophagy: regulation by energy sensing. <i>Current Biology</i> , 2011 , 21, R227-9	6.3	51
102	Cytosol-to-lysosome transport of free polymannose-type oligosaccharides. Kinetic and specificity studies using rat liver lysosomes. <i>Journal of Biological Chemistry</i> , 1999 , 274, 13547-55	5.4	51
101	miR-125b controls monocyte adaptation to inflammation through mitochondrial metabolism and dynamics. <i>Blood</i> , 2016 , 128, 3125-3136	2.2	51
100	Control of the expression and activity of the Galpha-interacting protein (GAIP) in human intestinal cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 24599-603	5.4	49
99	Glutamate dehydrogenase contributes to leucine sensing in the regulation of autophagy. <i>Autophagy</i> , 2013 , 9, 850-60	10.2	48
98	Autophagy: a sweet process in diabetes. <i>Cell Metabolism</i> , 2008 , 8, 275-6	24.6	48
97	The nucleotide-sugar transporter family: a phylogenetic approach. <i>Biochimie</i> , 2003 , 85, 245-60	4.6	47
96	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	13.4	47
95	Analyses of Galpha-interacting protein and activator of G-protein-signaling-3 functions in macroautophagy. <i>Methods in Enzymology</i> , 2004 , 390, 17-31	1.7	46

94	PP2A blockade inhibits autophagy and causes intraneuronal accumulation of ubiquitinated proteins. <i>Neurobiology of Aging</i> , 2013 , 34, 770-90	5.6	45
93	Regulation of autophagy by sphingolipids. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011 , 11, 844-53	2.2	45
92	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. <i>Journal of Biological Chemistry</i> , 1999 , 274, 31903-8	5.4	44
91	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, 101-25	11.2	42
90	The Journey of the Autophagosome through Mammalian Cell Organelles and Membranes. <i>Journal of Molecular Biology</i> , 2017 , 429, 497-514	6.5	38
89	The Pro-apoptotic STK38 Kinase Is a New Beclin1 Partner Positively Regulating Autophagy. <i>Current Biology</i> , 2015 , 25, 2479-92	6.3	38
88	The roles of BECN1 and autophagy in cancer are context dependent. <i>Autophagy</i> , 2012 , 8, 1853-5	10.2	38
87	Signal transduction pathways in macroautophagy. <i>Cellular Signalling</i> , 1997 , 9, 125-30	4.9	38
86	Polyclonal and monoclonal antibodies against chicken gizzard 5Rnucleotidase inhibit the spreading process of chicken embryonic fibroblasts on laminin substratum. <i>Experimental Cell Research</i> , 1988 , 174, 344-54	4.2	36
85	Targeting autophagy enhances the anti-tumoral action of crizotinib in ALK-positive anaplastic large cell lymphoma. <i>Oncotarget</i> , 2015 , 6, 30149-64	3.3	36
84	Subcellular localization of the G1B 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	3.8	35
83	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	10.2	33
82	Machinery, regulation and pathophysiological implications of autophagosome maturation. <i>Nature Reviews Molecular Cell Biology</i> , 2021 , 22, 733-750	48.7	33
81	Autophagy in the liver. <i>Journal of Hepatology</i> , 2013 , 59, 389-91	13.4	29
80	New targets for acetylation in autophagy. <i>Science Signaling</i> , 2012 , 5, pe29	8.8	28
79	An iron hand over cancer stem cells. <i>Autophagy</i> , 2017 , 13, 1465-1466	10.2	27
78	Constitutive autophagy contributes to resistance to TP53-mediated apoptosis in Epstein-Barr virus-positive latency III B-cell lymphoproliferations. <i>Autophagy</i> , 2015 , 11, 2275-87	10.2	27
77	Macroautophagy: protector in the diabetes drama?. <i>Autophagy</i> , 2007 , 3, 523-6	10.2	27

76	Sphingolipids in macroautophagy. <i>Methods in Molecular Biology</i> , 2008 , 445, 159-73	1.4	27
75	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	4.5	26
74	Fine-tuning autophagy: from transcriptional to posttranslational regulation. <i>American Journal of Physiology - Cell Physiology</i> , 2016 , 311, C351-62	5.4	26
73	LC3-associated phagocytosis protects against inflammation and liver fibrosis via immunoreceptor inhibitory signaling. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	26
72	PI3KC2B-dependent and VPS34-independent generation of PI3P controls primary cilium-mediated autophagy in response to shear stress. <i>Nature Communications</i> , 2020 , 11, 294	17.4	25
71	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, 109-17	4.2	25
70	The metabolism of sphingo(glyco)lipids is correlated with the differentiation-dependent autophagic pathway in HT-29 cells. <i>FEBS Journal</i> , 1996 , 237, 454-9		24
69	Evidence for a dual mechanism of chick embryo fibroblast adhesion on fibronectin and laminin substrata. <i>Experimental Cell Research</i> , 1987 , 169, 478-89	4.2	24
68	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, 453-60		24
67	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	23.4	23
66	Autophagy and CD4+ T lymphocyte destruction by HIV-1. <i>Autophagy</i> , 2007 , 3, 32-4	10.2	22
65	Dual mechanism of laminin modulation of ecto-5Nucleotidase activity. <i>Journal of Cellular Biochemistry</i> , 1993 , 52, 266-74	4.7	22
64	Autophagy and autophagic flux in tumor cells. <i>Methods in Enzymology</i> , 2014 , 543, 73-88	1.7	21
63	Regulation of autophagy by extracellular matrix glycoproteins in HeLa cells. <i>Autophagy</i> , 2011 , 7, 27-39	10.2	21
62	What is the role of autophagy in HIV-1 infection?. <i>Autophagy</i> , 2008 , 4, 273-5	10.2	21
61	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, 786-92	3.4	17
60	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	4.7	17
59	Endothelial autophagic flux hampers atherosclerotic lesion development. <i>Autophagy</i> , 2018 , 14, 173-175	10.2	17

58	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	23.4	16
57	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. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 235, 166-70	3.4	15
56	Non-canonical Autophagy: Facts and Prospects. <i>Current Pathobiology Reports</i> , 2013 , 1, 263-271	2	14
55	Enzymatic activity and in vivo distribution of 5Rnucleotidase, an extracellular matrix binding glycoprotein, during the development of chicken striated muscle. <i>Experimental Cell Research</i> , 1992 , 203, 62-71	4.2	14
54	Changes in protein glycosylation during chick embryo development. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1983 , 763, 265-75	4.9	14
53	Mitochondrial clearance by the STK38 kinase supports oncogenic Ras-induced cell transformation. <i>Oncotarget</i> , 2016 , 7, 44142-44160	3.3	14
52	Forskolin blocks the apical expression of dipeptidyl peptidase IV in Caco-2 cells and induces its retention in lamp-1-containing vesicles. <i>Experimental Cell Research</i> , 1993 , 209, 277-87	4.2	12
51	Cancer stem cells and autophagy: Facts and Perspectives. <i>Journal of Cancer Stem Cell Research</i> , 2014 , 2, 1		12
50	Changes in cell-surface sialic acid content during chick embryo development. <i>Mechanisms of Ageing and Development</i> , 1983 , 23, 307-14	5.6	11
49	Autophagy transduces physical constraints into biological responses. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 79, 419-426	5.6	10
48	Subcellular localization of the GIB 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	3.8	10
47	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	5.5	10
46	Compartmentalized regulation of autophagy regulators: fine-tuning AMBRA1 by Bcl-2. <i>EMBO Journal</i> , 2011 , 30, 1185-6	13	9
45	Activity and tissue distribution of splice variants of alpha6-fucosyltransferase in human embryogenesis. <i>Glycobiology</i> , 2004 , 14, 13-25	5.8	9
44	Increased biosynthesis of glycosphingolipids in congenital disorder of glycosylation Ia (CDG-Ia) fibroblasts. <i>Pediatric Research</i> , 2002 , 52, 645-51	3.2	9
43	Concanavalin A-induced impairment of fibroblast spreading on laminin but not on fibronectin. <i>Journal of Cellular Physiology</i> , 1988 , 136, 463-70	7	9
42	LC3-associated phagocytosis in myeloid cells, a fireman that restrains inflammation and liver fibrosis, via immunoreceptor inhibitory signaling. <i>Autophagy</i> , 2020 , 16, 1526-1528	10.2	7
41	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. <i>FEBS Journal</i> , 1992 , 205, 1169-74		7

40	Evidence for the presence of complex high-molecular mass N-linked oligosaccharides in intranuclear glycoproteins from HeLa cells. <i>Journal of Cellular Biochemistry</i> , 1992 , 50, 93-102	4.7	7
39	Mitochondrial morphodynamics alteration induced by influenza virus infection as a new antiviral strategy. <i>PLoS Pathogens</i> , 2021 , 17, e1009340	7.6	7
38	Drug enhanced autophagy to fight mutant protein overload. <i>Journal of Hepatology</i> , 2011 , 54, 1066-8	13.4	6
37	A new fluorescence-based assay for autophagy. <i>Chemistry and Biology</i> , 2011 , 18, 940-1		6
36	Increased UDP-GlcNAc: alpha-mannoside beta(1----4) N-acetylglucosaminyltransferase activity during chick embryo development. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1990 , 1054, 149-53	4.9	6
35	A Mr 72K cell surface concanavalin A binding glycoprotein is specifically involved in the spreading of chick embryo fibroblasts onto laminin substrate. <i>Experimental Cell Research</i> , 1991 , 192, 236-42	4.2	6
34	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	10.6	6
33	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	9.8	6
32	Regulation of cell death by sphingosine 1-phosphate lyase. <i>Autophagy</i> , 2010 , 6, 426-7	10.2	5
31	Autophagy and caspase-independent cell death: p19ARF enters the game. <i>Developmental Cell</i> , 2006 , 10, 688-9	10.2	5
30	Fluid flow-induced shear stress controls the metabolism of proximal tubule kidney epithelial cells through primary cilium-dependent lipophagy and mitochondria biogenesis. <i>Autophagy</i> , 2020 , 16, 2287-2288	10.2	5
29	Primary cilium-dependent autophagy drafts PIK3C2A to generate PtdIns3P in response to shear stress. <i>Autophagy</i> , 2020 , 16, 1143-1144	10.2	4
28	Chemical targeting of NEET proteins reveals their function in mitochondrial morphodynamics. <i>EMBO Reports</i> , 2020 , 21, e49019	6.5	4
27	Driving next-generation autophagy researchers towards translation (DRIVE), an international PhD training program on autophagy. <i>Autophagy</i> , 2019 , 15, 347-351	10.2	4
26	Glucose persistence on high-mannose oligosaccharides selectively inhibits the macroautophagic sequestration of N-linked glycoproteins. <i>Biochemical Journal</i> , 2000 , 345, 459	3.8	3
25	Intracellular events are responsible for the differential expression of fibronectin on the fibroblast surface during chick embryo development. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991 , 1093, 13-9	4.9	2
24	Autophagy and Autophagic Cell Death 2007 , 93-107		2
23	ATG4D is the main ATG8 delipidating enzyme in mammalian cells and protects against cerebellar neurodegeneration. <i>Cell Death and Differentiation</i> , 2021 , 28, 2651-2672	12.7	2

22	When the autophagy protein ATG16L1 met the ciliary protein IFT20. <i>Autophagy</i> , 2021 , 17, 1791-1793	10.2	2
21	Links between autophagy and tissue mechanics. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	2
20	GTP: gatekeeper for autophagy. <i>Molecular Cell</i> , 2010 , 39, 485-6	17.6	1
19	Role of cell surface glycoproteins in embryo cell adhesion to extracellular matrix. <i>Biochemical Society Transactions</i> , 1989 , 17, 27-8	5.1	1
18	Autophagy and Tumor Cell Metabolism 2015 , 45-63		1
17	Human Cytomegalovirus Inhibits Autophagy of Renal Tubular Epithelial Cells and Promotes Cellular Enlargement. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 474	5.9	1
16	The Role of Autophagy in Cell Death 2016 , 139-154		1
15	TRANSAUTOPHAGY: European network for multidisciplinary research and translation of autophagy knowledge. <i>Autophagy</i> , 2016 , 12, 614-7	10.2	1
14	Monitoring of Autophagy and Cell Volume Regulation in Kidney Epithelial Cells in Response to Fluid Shear Stress. <i>Methods in Molecular Biology</i> , 2019 , 1880, 331-340	1.4	1
13	Monitoring lipophagy in kidney epithelial cells in response to shear stress. <i>Methods in Cell Biology</i> , 2021 , 164, 11-25	1.8	1
12	Regulation of Autophagy by Amino Acids 2015 , 55-68		0
11	Defect of N-glycosylation is not directly related to congenital disorder of glycosylation Ia fibroblast sensitivity to staurosporine-induced cell death. <i>Pediatric Research</i> , 2005 , 58, 254-7	3.2	0
10	GCN2 upregulates autophagy in response to short-term deprivation of a single essential amino acid 2022 , 1, 119-142		0
9	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019 , 15, 1829-1832	8.32	
8	Autophagy in Necrosis: A Force for Survival 2014 , 233-252		
7	Signaling in Autophagy Related Pathways 2010 , 2583-2588		
6	Macroautophagy as a Target of Cancer Therapy. <i>Current Cancer Therapy Reviews</i> , 2007 , 3, 199-208	0.4	
5	Relationship between the content of [¹⁴ C]glucose-derived monosaccharides in glycoprotein oligosaccharide chains and the state of enterocytic differentiation of HT-29 cells. <i>Carbohydrate Research</i> , 1992 , 236, 97-105	2.9	

- 4 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
- 3 Autophagy, Cell Death, and Cancer **2013**, 359-390
- 2 Opening new doors in autophagy research: Patrice Codogno. *Autophagy*, **2016**, 12, 1063-8 10.2
- 1 Overview of noncanonical autophagy **2021**, 41-67