

Ana Maria Cuervo

List of Publications by Year in Descending Order

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Version: 2024-04-17

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

262
papers

56,133
citations

109
h-index

236
g-index

312
ext. papers

63,672
ext. citations

12.2
avg, IF

8
L-index

#	Paper	IF	Citations
262	The different autophagy degradation pathways and neurodegeneration.. <i>Neuron</i> , 2022 ,	13.9	9
261	Circadian remodeling of the proteome by chaperone-mediated autophagy.. <i>Autophagy</i> , 2022 , 1-3	10.2	0
260	Protective role of chaperone-mediated autophagy against atherosclerosis.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2121133119	11.5	2
259	Mutant glucocerebrosidase impairs β -synuclein degradation by blockade of chaperone-mediated autophagy.. <i>Science Advances</i> , 2022 , 8, eabm6393	14.3	3
258	Microglial NF- κ B drives tau spreading and toxicity in a mouse model of tauopathy.. <i>Nature Communications</i> , 2022 , 13, 1969	17.4	7
257	Methamphetamine Dysregulates Macrophage Functions and Autophagy to Mediate HIV Neuropathogenesis. <i>Biomedicines</i> , 2022 , 10, 1257	4.8	0
256	Reciprocal regulation of chaperone-mediated autophagy and the circadian clock. <i>Nature Cell Biology</i> , 2021 ,	23.4	3
255	TSC1 loss increases risk for tauopathy by inducing tau acetylation and preventing tau clearance via chaperone-mediated autophagy. <i>Science Advances</i> , 2021 , 7, eabg3897	14.3	3
254	Assessment of mammalian endosomal microautophagy. <i>Methods in Cell Biology</i> , 2021 , 164, 167-185	1.8	1
253	Acetylated tau inhibits chaperone-mediated autophagy and promotes tau pathology propagation in mice. <i>Nature Communications</i> , 2021 , 12, 2238	17.4	29
252	MAEA is an E3 ubiquitin ligase promoting autophagy and maintenance of haematopoietic stem cells. <i>Nature Communications</i> , 2021 , 12, 2522	17.4	4
251	Chaperone-mediated autophagy prevents collapse of the neuronal metastable proteome. <i>Cell</i> , 2021 , 184, 2696-2714.e25	56.2	40
250	Chaperone-mediated autophagy: a gatekeeper of neuronal proteostasis. <i>Autophagy</i> , 2021 , 17, 2040-2042	20.2	3
249	G β activation modulates autophagy by promoting mTORC1 signaling. <i>Nature Communications</i> , 2021 , 12, 4540	17.4	4
248	Chaperone-mediated autophagy sustains haematopoietic stem-cell function. <i>Nature</i> , 2021 , 591, 117-123	50.4	38
247	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
246	HIV Increases the Inhibitory Impact of Morphine and Antiretrovirals on Autophagy in Primary Human Macrophages: Contributions to Neuropathogenesis. <i>Cells</i> , 2021 , 10,	7.9	1

245	Einstein-Nathan Shock Center: translating the hallmarks of aging to extend human health span. <i>GeroScience</i> , 2021 , 43, 2167-2182	8.9	1
244	PKC ζ inhibition activates an ULK2-mediated interferon response to repress tumorigenesis. <i>Molecular Cell</i> , 2021 , 81, 4509-4526.e10	17.6	3
243	Autophagy and the hallmarks of aging. <i>Ageing Research Reviews</i> , 2021 , 72, 101468	12	13
242	Selective Autophagy: A Link Across the Hallmarks of Aging. <i>Innovation in Aging</i> , 2021 , 5, 510-510	0.1	
241	Defining the role of PLD3 in Alzheimer's disease pathology.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 2, e058730	1.2	1
240	Immunosurveillance, interferon, and autophagic networking in cancer: the PRKCI-ULK2 paradigm.. <i>Autophagy</i> , 2021 , 1-2	10.2	0
239	Molecular damage in aging. <i>Nature Aging</i> , 2021 , 1, 1096-1106		3
238	Defining the role of PLD3 in Alzheimer disease pathology.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e054611	1.2	
237	In Vivo Remodeling of Altered Autophagy-Lysosomal Pathway by a Phosphopeptide in Lupus. <i>Cells</i> , 2020 , 9,	7.9	12
236	Disulfiram Treatment Normalizes Body Weight in Obese Mice. <i>Cell Metabolism</i> , 2020 , 32, 203-214.e4	24.6	22
235	HIV Nef and Antiretroviral Therapy Have an Inhibitory Effect on Autophagy in Human Astrocytes that May Contribute to HIV-Associated Neurocognitive Disorders. <i>Cells</i> , 2020 , 9,	7.9	8
234	PKC ζ Loss Induces Autophagy, Oxidative Phosphorylation, and NRF2 to Promote Liver Cancer Progression. <i>Cancer Cell</i> , 2020 , 38, 247-262.e11	24.3	31
233	Monitoring spatiotemporal changes in chaperone-mediated autophagy in vivo. <i>Nature Communications</i> , 2020 , 11, 645	17.4	21
232	Cav-1 (Caveolin-1) Deficiency Increases Autophagy in the Endothelium and Attenuates Vascular Inflammation and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1510-1522	2.4	31
231	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020 , 12, 24484-24503	5.6	11
230	Pros and Cons of Chaperone-Mediated Autophagy in Cancer Biology. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 53-66	8.8	31
229	Promoting tau secretion and propagation by hyperactive p300/CBP via autophagy-lysosomal pathway in tauopathy. <i>Molecular Neurodegeneration</i> , 2020 , 15, 2	19	43
228	Beth Cindy Levine (1960-2020). <i>Science</i> , 2020 , 369, 378	33.3	1

227	Elucidating the mechanisms by which disulfiram protects against obesity and metabolic syndrome. <i>Npj Aging and Mechanisms of Disease</i> , 2020 , 6, 8	5.5	5
226	The negative effect of lipid challenge on autophagy inhibits T cell responses. <i>Autophagy</i> , 2020 , 16, 223-238.2		7
225	Protein Degradation and the Lysosomal System 2020 , 122-136		1
224	Glioblastoma ablates pericytes antitumor immune function through aberrant up-regulation of chaperone-mediated autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 20655-20665	11.5	46
223	Proteome-wide analysis of chaperone-mediated autophagy targeting motifs. <i>PLoS Biology</i> , 2019 , 17, e3000301	9.7	73
222	Lysosomal Dysfunction in Down Syndrome Is APP-Dependent and Mediated by APP-CTF (C99). <i>Journal of Neuroscience</i> , 2019 , 39, 5255-5268	6.6	65
221	A farnesyltransferase inhibitor activates lysosomes and reduces tau pathology in mice with tauopathy. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	46
220	Age- and stress-associated C. elegans granulins impair lysosomal function and induce a compensatory HLH-30/TFEB transcriptional response. <i>PLoS Genetics</i> , 2019 , 15, e1008295	6	11
219	Patient-Specific iPSC-Derived Astrocytes Contribute to Non-Cell-Autonomous Neurodegeneration in Parkinson's Disease. <i>Stem Cell Reports</i> , 2019 , 12, 213-229	8	154
218	Age-associated changes in human CD4 T cells point to mitochondrial dysfunction consequent to impaired autophagy. <i>Aging</i> , 2019 , 11, 9234-9263	5.6	28
217	Chaperone-Mediated Autophagy Ensures Hematopoietic Stem Cell Maintenance. <i>Blood</i> , 2019 , 134, 272-272		
216	Chaperone-Mediated Autophagy Upregulation Rescues Megalin Expression and Localization in Cystinotic Proximal Tubule Cells. <i>Frontiers in Endocrinology</i> , 2019 , 10, 21	5.7	6
215	Analysis of Chaperone-Mediated Autophagy. <i>Methods in Molecular Biology</i> , 2019 , 1880, 703-727	1.4	21
214	Rare variants in the neuronal ceroid lipofuscinosis gene MFSD8 are candidate risk factors for frontotemporal dementia. <i>Acta Neuropathologica</i> , 2019 , 137, 71-88	14.3	20
213	The coming of age of chaperone-mediated autophagy. <i>Nature Reviews Molecular Cell Biology</i> , 2018 , 19, 365-381	48.7	484
212	Identification of distinct nanoparticles and subsets of extracellular vesicles by asymmetric flow field-flow fractionation. <i>Nature Cell Biology</i> , 2018 , 20, 332-343	23.4	686
211	Chaperone-mediated autophagy and endosomal microautophagy: Joint by a chaperone. <i>Journal of Biological Chemistry</i> , 2018 , 293, 5414-5424	5.4	182
210	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. <i>Circulation Research</i> , 2018 , 122, 568-582	15.7	22

209	Probing the correlation of neuronal loss, neurofibrillary tangles, and cell death markers across the Alzheimer's disease Braak stages: a quantitative study in humans. <i>Neurobiology of Aging</i> , 2018 , 61, 1-12	5.6	50
208	Interplay of pathogenic forms of human tau with different autophagic pathways. <i>Aging Cell</i> , 2018 , 17, e12692	9.9	89
207	Selective autophagy as a potential therapeutic target for neurodegenerative disorders. <i>Lancet Neurology</i> , 2018 , 17, 802-815	24.1	151
206	The ULK1-FBXW5-SEC23B nexus controls autophagy. <i>ELife</i> , 2018 , 7,	8.9	39
205	Humanin is an endogenous activator of chaperone-mediated autophagy. <i>Journal of Cell Biology</i> , 2018 , 217, 635-647	7.3	51
204	Autophagy is a gatekeeper of hepatic differentiation and carcinogenesis by controlling the degradation of Yap. <i>Nature Communications</i> , 2018 , 9, 4962	17.4	71
203	Lysosomal and network alterations in human mucopolysaccharidosis type VII iPSC-derived neurons. <i>Scientific Reports</i> , 2018 , 8, 16644	4.9	10
202	Sarcosine Is Uniquely Modulated by Aging and Dietary Restriction in Rodents and Humans. <i>Cell Reports</i> , 2018 , 25, 663-676.e6	10.6	24
201	Aging as a Biological Target for Prevention and Therapy. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1321-1322	27.4	53
200	Coordinate regulation of mutant NPC1 degradation by selective ER autophagy and MARCH6-dependent ERAD. <i>Nature Communications</i> , 2018 , 9, 3671	17.4	49
199	Transcription factor NFE2L2/NRF2 modulates chaperone-mediated autophagy through the regulation of LAMP2A. <i>Autophagy</i> , 2018 , 14, 1310-1322	10.2	86
198	Defective recruitment of motor proteins to autophagic compartments contributes to autophagic failure in aging. <i>Aging Cell</i> , 2018 , 17, e12777	9.9	25
197	Store-Operated Ca Entry Controls Induction of Lipolysis and the Transcriptional Reprogramming to Lipid Metabolism. <i>Cell Metabolism</i> , 2017 , 25, 698-712	24.6	89
196	Transgenic expression of human APOL1 risk variants in podocytes induces kidney disease in mice. <i>Nature Medicine</i> , 2017 , 23, 429-438	50.5	193
195	Chaperone-mediated autophagy prevents cellular transformation by regulating MYC proteasomal degradation. <i>Autophagy</i> , 2017 , 13, 928-940	10.2	55
194	Programmed mitophagy is essential for the glycolytic switch during cell differentiation. <i>EMBO Journal</i> , 2017 , 36, 1688-1706	13	171
193	Cystinosin, the small GTPase Rab11, and the Rab7 effector RILP regulate intracellular trafficking of the chaperone-mediated autophagy receptor LAMP2A. <i>Journal of Biological Chemistry</i> , 2017 , 292, 10328-10346	5.4	38
192	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857

191	Regulation of Liver Metabolism by Autophagy. <i>Gastroenterology</i> , 2016 , 150, 328-39	13.3	195
190	Structural and Biological Interaction of hsc-70 Protein with Phosphatidylserine in Endosomal Microautophagy. <i>Journal of Biological Chemistry</i> , 2016 , 291, 18096-106	5.4	37
189	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016 , 23, 1093-1112	14.12	245
188	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
187	Autophagy and primary cilia: dual interplay. <i>Current Opinion in Cell Biology</i> , 2016 , 39, 1-7	9	53
186	AMPK-dependent phosphorylation of lipid droplet protein PLIN2 triggers its degradation by CMA. <i>Autophagy</i> , 2016 , 12, 432-8	10.2	118
185	Obatoclox kills anaplastic thyroid cancer cells by inducing lysosome neutralization and necrosis. <i>Oncotarget</i> , 2016 , 7, 34453-71	3.3	17
184	Role of chaperone-mediated autophagy in metabolism. <i>FEBS Journal</i> , 2016 , 283, 2403-13	5.7	69
183	Selective endosomal microautophagy is starvation-inducible in Drosophila. <i>Autophagy</i> , 2016 , 12, 1984-1992	10.2	78
182	Lysosomal mTORC2/PHLPP1/Akt Regulate Chaperone-Mediated Autophagy. <i>Molecular Cell</i> , 2015 , 59, 270-84	17.6	170
181	Modulation of deregulated chaperone-mediated autophagy by a phosphopeptide. <i>Autophagy</i> , 2015 , 11, 472-86	10.2	59
180	Regulated degradation of Chk1 by chaperone-mediated autophagy in response to DNA damage. <i>Nature Communications</i> , 2015 , 6, 6823	17.4	134
179	Degradation of lipid droplet-associated proteins by chaperone-mediated autophagy facilitates lipolysis. <i>Nature Cell Biology</i> , 2015 , 17, 759-70	23.4	352
178	Synuclein-independent histopathological and motor deficits in mice lacking the endolysosomal Parkinsonism protein Atp13a2. <i>Journal of Neuroscience</i> , 2015 , 35, 5724-42	6.6	72
177	Loss of hepatic chaperone-mediated autophagy accelerates proteostasis failure in aging. <i>Aging Cell</i> , 2015 , 14, 249-64	9.9	108
176	Hydrodynamic size-based separation and characterization of protein aggregates from total cell lysates. <i>Nature Protocols</i> , 2015 , 10, 134-48	18.8	6
175	Autophagy and regulation of cilia function and assembly. <i>Cell Death and Differentiation</i> , 2015 , 22, 389-97	12.7	48
174	The role of autophagy in liver diseases: mechanisms and potential therapeutic targets. <i>BioMed Research International</i> , 2015 , 2015, 480508	3	28

173	Annexin A2 promotes phagophore assembly by enhancing Atg16L+ vesicle biogenesis and homotypic fusion. <i>Nature Communications</i> , 2015 , 6, 5856	17.4	32
172	HTT/Huntingtin in selective autophagy and Huntington disease: A foe or a friend within?. <i>Autophagy</i> , 2015 , 11, 858-60	10.2	32
171	Proteostasis and aging. <i>Nature Medicine</i> , 2015 , 21, 1406-15	50.5	436
170	Huntingtin functions as a scaffold for selective macroautophagy. <i>Nature Cell Biology</i> , 2015 , 17, 262-75	23.4	266
169	Methods to study chaperone-mediated autophagy. <i>Methods</i> , 2015 , 75, 133-40	4.6	49
168	Proteasome failure promotes positioning of lysosomes around the aggresome via local block of microtubule-dependent transport. <i>Molecular and Cellular Biology</i> , 2014 , 34, 1336-48	4.8	52
167	Connexins modulate autophagosome biogenesis. <i>Nature Cell Biology</i> , 2014 , 16, 401-14	23.4	98
166	Proteostasis and the aging proteome in health and disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69 Suppl 1, S33-8	6.4	173
165	Chaperone-mediated autophagy: roles in disease and aging. <i>Cell Research</i> , 2014 , 24, 92-104	24.7	553
164	Geroscience: linking aging to chronic disease. <i>Cell</i> , 2014 , 159, 709-13	56.2	1068
163	Liver autophagy: much more than just taking out the trash. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014 , 11, 187-200	24.2	127
162	Phosphorylation-regulated degradation of the tumor-suppressor form of PED by chaperone-mediated autophagy in lung cancer cells. <i>Journal of Cellular Physiology</i> , 2014 , 229, 1359-68	7	38
161	Deficient chaperone-mediated autophagy in liver leads to metabolic dysregulation. <i>Cell Metabolism</i> , 2014 , 20, 417-32	24.6	191
160	Defective macroautophagic turnover of brain lipids in the TgCRND8 Alzheimer mouse model: prevention by correcting lysosomal proteolytic deficits. <i>Brain</i> , 2014 , 137, 3300-18	11.2	77
159	Chaperone-mediated autophagy regulates T cell responses through targeted degradation of negative regulators of T cell activation. <i>Nature Immunology</i> , 2014 , 15, 1046-54	19.1	121
158	Autophagy and the immune function in aging. <i>Current Opinion in Immunology</i> , 2014 , 29, 97-104	7.8	87
157	Autophagy and human disease: emerging themes. <i>Current Opinion in Genetics and Development</i> , 2014 , 26, 16-23	4.9	231
156	Dietary intake of polyphenols and major food sources in an institutionalised elderly population. <i>Journal of Human Nutrition and Dietetics</i> , 2014 , 27, 176-83	3.1	29

155	Malfolded protein structure and proteostasis in lung diseases. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 96-103	10.2	43
154	Chaperone-mediated autophagy: dedicated saviour and unfortunate victim in the neurodegeneration arena. <i>Biochemical Society Transactions</i> , 2013 , 41, 1483-8	5.1	13
153	Functional interaction between autophagy and ciliogenesis. <i>Nature</i> , 2013 , 502, 194-200	50.4	281
152	Balance between autophagic pathways preserves retinal homeostasis. <i>Aging Cell</i> , 2013 , 12, 478-88	9.9	113
151	S30202: Autophagy and neurodegeneration 2013 , 9, P512-P512		1
150	Interplay of LRRK2 with chaperone-mediated autophagy. <i>Nature Neuroscience</i> , 2013 , 16, 394-406	25.5	438
149	Chemical modulation of chaperone-mediated autophagy by retinoic acid derivatives. <i>Nature Chemical Biology</i> , 2013 , 9, 374-82	11.7	131
148	Selective autophagy: talking with the UPS. <i>Cell Biochemistry and Biophysics</i> , 2013 , 67, 3-13	3.2	92
147	Retraction: PM02734 (elisidepsin) induces caspase-independent cell death associated with features of autophagy, inhibition of the Akt/mTOR signaling pathway, and activation of death-associated protein kinase. <i>Clinical Cancer Research</i> , 2013 , 19, 4900	12.9	1
146	The lipid kinase PI4KIII β preserves lysosomal identity. <i>EMBO Journal</i> , 2013 , 32, 324-39	13	86
145	Selective autophagy in cellular quality control. <i>Research and Perspectives in Alzheimer's Disease</i> , 2013 , 63-75		
144	Chaperone-mediated autophagy: a unique way to enter the lysosome world. <i>Trends in Cell Biology</i> , 2012 , 22, 407-17	18.3	575
143	Dietary lipids and aging compromise chaperone-mediated autophagy by similar mechanisms. <i>Autophagy</i> , 2012 , 8, 1152-4	10.2	21
142	Molecular determinants of selective clearance of protein inclusions by autophagy. <i>Nature Communications</i> , 2012 , 3, 1240	17.4	51
141	Age-related oxidative stress compromises endosomal proteostasis. <i>Cell Reports</i> , 2012 , 2, 136-49	10.6	56
140	Autophagy, nutrition and immunology. <i>Molecular Aspects of Medicine</i> , 2012 , 33, 2-13	16.7	64
139	Mouse skeletal muscle fiber-type-specific macroautophagy and muscle wasting are regulated by a Fyn/STAT3/Vps34 signaling pathway. <i>Cell Reports</i> , 2012 , 1, 557-69	10.6	69
138	Targeting the UPR transcription factor XBP1 protects against Huntington's disease through the regulation of FoxO1 and autophagy. <i>Human Molecular Genetics</i> , 2012 , 21, 2245-62	5.6	205

137	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	10.2	2783
136	Chaperones in autophagy. <i>Pharmacological Research</i> , 2012 , 66, 484-93	10.2	49
135	Autophagy and disease: always two sides to a problem. <i>Journal of Pathology</i> , 2012 , 226, 255-73	9.4	211
134	Disease-specific phenotypes in dopamine neurons from human iPS-based models of genetic and sporadic Parkinson's disease. <i>EMBO Molecular Medicine</i> , 2012 , 4, 380-95	12	431
133	Selective autophagy in the maintenance of cellular homeostasis in aging organisms. <i>Biogerontology</i> , 2012 , 13, 21-35	4.5	69
132	Autophagy modulates dynamics of connexins at the plasma membrane in a ubiquitin-dependent manner. <i>Molecular Biology of the Cell</i> , 2012 , 23, 2156-69	3.5	102
131	Inhibitory effect of dietary lipids on chaperone-mediated autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E705-14	11.5	152
130	Chronic expression of RCAN1-1L protein induces mitochondrial autophagy and metabolic shift from oxidative phosphorylation to glycolysis in neuronal cells. <i>Journal of Biological Chemistry</i> , 2012 , 287, 14088-98	5.4	54
129	Lipophagy: connecting autophagy and lipid metabolism. <i>International Journal of Cell Biology</i> , 2012 , 2012, 282041	2.6	330
128	Chaperone-mediated autophagy at a glance. <i>Journal of Cell Science</i> , 2011 , 124, 495-9	5.3	145
127	Chaperone-mediated autophagy is required for tumor growth. <i>Science Translational Medicine</i> , 2011 , 3, 109ra117	17.5	159
126	Protein homeostasis and aging: The importance of exquisite quality control. <i>Ageing Research Reviews</i> , 2011 , 10, 205-15	12	309
125	Autophagy in the cellular energetic balance. <i>Cell Metabolism</i> , 2011 , 13, 495-504	24.6	558
124	Autophagy in hypothalamic AgRP neurons regulates food intake and energy balance. <i>Cell Metabolism</i> , 2011 , 14, 173-83	24.6	277
123	Microautophagy of cytosolic proteins by late endosomes. <i>Developmental Cell</i> , 2011 , 20, 131-9	10.2	574
122	Protein Homeostasis and Aging 2011 , 297-317		
121	Chaperone-mediated autophagy: Dice's Wild Idea about lysosomal selectivity. <i>Nature Reviews Molecular Cell Biology</i> , 2011 , 12, 535-41	48.7	46
120	Chaperone-mediated autophagy in protein quality control. <i>Current Opinion in Cell Biology</i> , 2011 , 23, 184-9		221

119	A photoconvertible fluorescent reporter to track chaperone-mediated autophagy. <i>Nature Communications</i> , 2011 , 2, 386	17.4	123
118	Chaperone-mediated autophagy dysfunction in the pathogenesis of neurodegeneration. <i>Neurobiology of Disease</i> , 2011 , 43, 29-37	7.5	66
117	Cell biology. Autophagy's top chef. <i>Science</i> , 2011 , 332, 1392-3	33.3	32
116	PM02734 (elisidepsin) induces caspase-independent cell death associated with features of autophagy, inhibition of the Akt/mTOR signaling pathway, and activation of death-associated protein kinase. <i>Clinical Cancer Research</i> , 2011 , 17, 5353-66	12.9	54
115	Therapeutic effects of remediating autophagy failure in a mouse model of Alzheimer disease by enhancing lysosomal proteolysis. <i>Autophagy</i> , 2011 , 7, 788-9	10.2	80
114	Chasing the elusive mammalian microautophagy. <i>Autophagy</i> , 2011 , 7, 652-4	10.2	58
113	Constitutive upregulation of chaperone-mediated autophagy in Huntington's disease. <i>Journal of Neuroscience</i> , 2011 , 31, 18492-505	6.6	114
112	Reversal of autophagy dysfunction in the TgCRND8 mouse model of Alzheimer's disease ameliorates amyloid pathologies and memory deficits. <i>Brain</i> , 2011 , 134, 258-77	11.2	345
111	A comprehensive glossary of autophagy-related molecules and processes (2nd edition). <i>Autophagy</i> , 2011 , 7, 1273-94	10.2	205
110	HDAC6 controls autophagosome maturation essential for ubiquitin-selective quality-control autophagy. <i>EMBO Journal</i> , 2010 , 29, 969-80	13	584
109	Cargo recognition failure is responsible for inefficient autophagy in Huntington's disease. <i>Nature Neuroscience</i> , 2010 , 13, 567-76	25.5	621
108	Autophagy gone awry in neurodegenerative diseases. <i>Nature Neuroscience</i> , 2010 , 13, 805-11	25.5	727
107	Autophagic pathways and metabolic stress. <i>Diabetes, Obesity and Metabolism</i> , 2010 , 12 Suppl 2, 4-14	6.7	64
106	Chaperone-mediated autophagy. <i>Proceedings of the American Thoracic Society</i> , 2010 , 7, 29-39		104
105	A comprehensive glossary of autophagy-related molecules and processes. <i>Autophagy</i> , 2010 , 6, 438-48	10.2	123
104	Integration of clearance mechanisms: the proteasome and autophagy. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010 , 2, a006734	10.2	224
103	Altered lipid content inhibits autophagic vesicular fusion. <i>FASEB Journal</i> , 2010 , 24, 3052-65	0.9	324
102	Macroautophagy regulates energy metabolism during effector T cell activation. <i>Journal of Immunology</i> , 2010 , 185, 7349-57	5.3	204

101	Synergy and antagonism of macroautophagy and chaperone-mediated autophagy in a cell model of pathological tau aggregation. <i>Autophagy</i> , 2010 , 6, 182-3	10.2	75
100	Ubiquilin functions in autophagy and is degraded by chaperone-mediated autophagy. <i>Human Molecular Genetics</i> , 2010 , 19, 3219-32	5.6	178
99	Inhibitory effect of intracellular lipid load on macroautophagy. <i>Autophagy</i> , 2010 , 6, 825-827	10.2	19
98	Identification of regulators of chaperone-mediated autophagy. <i>Molecular Cell</i> , 2010 , 39, 535-47	17.6	156
97	Lysosomal proteolysis and autophagy require presenilin 1 and are disrupted by Alzheimer-related PS1 mutations. <i>Cell</i> , 2010 , 141, 1146-58	56.2	816
96	Chaperone-mediated autophagy: selectivity pays off. <i>Trends in Endocrinology and Metabolism</i> , 2010 , 21, 142-50	8.8	192
95	Chaperone-mediated autophagy: molecular mechanisms and physiological relevance. <i>Seminars in Cell and Developmental Biology</i> , 2010 , 21, 719-26	7.5	186
94	Lysosomal degradation of alpha-synuclein in vivo. <i>Journal of Biological Chemistry</i> , 2010 , 285, 13621-9	5.4	252
93	Autophagy and lipids: tightening the knot. <i>Seminars in Immunopathology</i> , 2010 , 32, 343-53	12	34
92	Trehalose ameliorates dopaminergic and tau pathology in parkin deleted/tau overexpressing mice through autophagy activation. <i>Neurobiology of Disease</i> , 2010 , 39, 423-38	7.5	235
91	Chaperone-mediated autophagy in health and disease. <i>FEBS Letters</i> , 2010 , 584, 1399-404	3.8	86
90	Eps8 is recruited to lysosomes and subjected to chaperone-mediated autophagy in cancer cells. <i>Experimental Cell Research</i> , 2010 , 316, 1914-24	4.2	36
89	Autophagy: An Alternative Degradation Mechanism for Misfolded Proteins 2010 , 113-129		2
88	Protein degradation, aggregation, and misfolding. <i>Movement Disorders</i> , 2010 , 25 Suppl 1, S49-54	7	104
87	Induction of autophagy by cystatin C: a mechanism that protects murine primary cortical neurons and neuronal cell lines. <i>PLoS ONE</i> , 2010 , 5, e9819	3.7	84
86	Changes in Lysosomes and Their Autophagic Function in Aging: The Comparative Biology of Lysosomal Function 2010 , 201-226		1
85	Autophagy regulates adipose mass and differentiation in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3329-39	15.9	485
84	XBP-1 deficiency in the nervous system protects against amyotrophic lateral sclerosis by increasing autophagy. <i>Genes and Development</i> , 2009 , 23, 2294-306	12.6	412

83	Lipases in lysosomes, what for?. <i>Autophagy</i> , 2009 , 5, 866-7	10.2	22
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