Ana Maria Cuervo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2764342/publications.pdf

Version: 2024-02-01

280	70,129	813	631
papers	citations	118 h-index	257 g-index

312	312	312	60774
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extending human healthspan and longevity: a symposium report. Annals of the New York Academy of Sciences, 2022, 1507, 70-83.	1.8	18
2	The different autophagy degradation pathways and neurodegeneration. Neuron, 2022, 110, 935-966.	3.8	150
3	Chaperone-Mediated Autophagy Controls Proteomic and Transcriptomic Pathways to Maintain Glioma Stem Cell Activity. Cancer Research, 2022, 82, 1283-1297.	0.4	12
4	Circadian remodeling of the proteome by chaperone-mediated autophagy. Autophagy, 2022, 18, 1205-1207.	4.3	3
5	Protective role of chaperone-mediated autophagy against atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121133119.	3.3	29
6	Immunosurveillance, interferon, and autophagic networking in cancer: the PRKCI-ULK2 paradigm. Autophagy, 2022, 18, 226-227.	4.3	2
7	Mutant glucocerebrosidase impairs Î±-synuclein degradation by blockade of chaperone-mediated autophagy. Science Advances, 2022, 8, eabm6393.	4.7	63
8	Microglial NF-Î²B drives tau spreading and toxicity in a mouse model of tauopathy. Nature Communications, 2022, 13, 1969.	5.8	103
9	Quality Control: Maintaining molecular order and preventing cellular chaos. Molecular Cell, 2022, 82, 1390-1397.	4.5	5
10	Misfolded GBA/Î²-glucocerebrosidase impairs ER-quality control by chaperone-mediated autophagy in Parkinson disease. Autophagy, 2022, 18, 3050-3052.	4.3	9
11	Methamphetamine Dysregulates Macrophage Functions and Autophagy to Mediate HIV Neuropathogenesis. Biomedicines, 2022, 10, 1257.	1.4	2
12	Chaperone-mediated autophagy protects against atherosclerosis. Autophagy, 2022, 18, 2505-2507.	4.3	10
13	Assessment of mammalian endosomal microautophagy. Methods in Cell Biology, 2021, 164, 167-185.	0.5	11
14	Chaperone-mediated autophagy sustains haematopoietic stem-cell function. Nature, 2021, 591, 117-123.	13.7	145
15	Acetylated tau inhibits chaperone-mediated autophagy and promotes tau pathology propagation in mice. Nature Communications, 2021, 12, 2238.	5.8	101
16	MAEA is an E3 ubiquitin ligase promoting autophagy and maintenance of haematopoietic stem cells. Nature Communications, 2021, 12, 2522.	5.8	27
17	Chaperone-mediated autophagy prevents collapse of the neuronal metastable proteome. Cell, 2021, 184, 2696-2714.e25.	13.5	151
18	Chaperone-mediated autophagy: a gatekeeper of neuronal proteostasis. Autophagy, 2021, 17, 2040-2042.	4.3	21

#	Article	IF	Citations
19	GÎ±q activation modulates autophagy by promoting mTORC1 signaling. Nature Communications, 2021, 12, 4540.	5.8	15
20	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	3.5	615
21	HIV Increases the Inhibitory Impact of Morphine and Antiretrovirals on Autophagy in Primary Human Macrophages: Contributions to Neuropathogenesis. Cells, 2021, 10, 2183.	1.8	6
22	Einstein-Nathan Shock Center: translating the hallmarks of aging to extend human health span. GeroScience, 2021, 43, 2167-2182.	2.1	5
23	PKCÎ»/Î¹ inhibition activates an ULK2-mediated interferon response to repress tumorigenesis. Molecular Cell, 2021, 81, 4509-4526.e10.	4.5	12
24	Autophagy and the hallmarks of aging. Ageing Research Reviews, 2021, 72, 101468.	5.0	98
25	TSC1 loss increases risk for tauopathy by inducing tau acetylation and preventing tau clearance via chaperone-mediated autophagy. Science Advances, 2021, 7, eabg3897.	4.7	27
26	Reciprocal regulation of chaperone-mediated autophagy and the circadian clock. Nature Cell Biology, 2021, 23, 1255-1270.	4.6	33
27	Selective Autophagy: A Link Across the Hallmarks of Aging. Innovation in Aging, 2021, 5, 510-510.	0.0	0
28	Defining the role of PLD3 in Alzheimerâ€™s disease pathology. Alzheimer's and Dementia, 2021, 17, e058730.	0.4	3
29	Molecular damage in aging. Nature Aging, 2021, 1, 1096-1106.	5.3	51
30	Defining the role of PLD3 in Alzheimer disease pathology.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e054611.	0.4	0
31	The negative effect of lipid challenge on autophagy inhibits T cell responses. Autophagy, 2020, 16, 223-238.	4.3	18
32	Pros and Cons of Chaperone-Mediated Autophagy in Cancer Biology. Trends in Endocrinology and Metabolism, 2020, 31, 53-66.	3.1	58
33	Promoting tau secretion and propagation by hyperactive p300/CBP via autophagy-lysosomal pathway in tauopathy. Molecular Neurodegeneration, 2020, 15, 2.	4.4	69
34	Geroscience in the Age of COVID-19. , 2020, 11, 725.		24
35	Beth Cindy Levine (1960â€“2020). Science, 2020, 369, 378-378.	6.0	1
36	Elucidating the mechanisms by which disulfiram protects against obesity and metabolic syndrome. Npj Aging and Mechanisms of Disease, 2020, 6, 8.	4.5	12

#	Article	IF	Citations
37	In Vivo Remodeling of Altered Autophagy-Lysosomal Pathway by a Phosphopeptide in Lupus. Cells, 2020, 9, 2328.	1.8	26
38	Disulfiram Treatment Normalizes Body Weight in Obese Mice. Cell Metabolism, 2020, 32, 203-214.e4.	7.2	46
39	HIV Nef and Antiretroviral Therapy Have an Inhibitory Effect on Autophagy in Human Astrocytes that May Contribute to HIV-Associated Neurocognitive Disorders. Cells, 2020, 9, 1426.	1.8	20
40	PKCÎ»/Î¹ Loss Induces Autophagy, Oxidative Phosphorylation, and NRF2 to Promote Liver Cancer Progression. Cancer Cell, 2020, 38, 247-262.e11.	7.7	73
41	Monitoring spatiotemporal changes in chaperone-mediated autophagy in vivo. Nature Communications, 2020, 11, 645.	5.8	41
42	Cav-1 (Caveolin-1) Deficiency Increases Autophagy in the Endothelium and Attenuates Vascular Inflammation and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1510-1522.	1.1	75
43	ARDD 2020: from aging mechanisms to interventions. Aging, 2020, 12, 24484-24503.	1.4	32
44	Age- and stress-associated C. elegans granulins impair lysosomal function and induce a compensatory HLH-30/TFEB transcriptional response. PLoS Genetics, 2019, 15, e1008295.	1.5	23
45	Patient-Specific iPSC-Derived Astrocytes Contribute to Non-Cell-Autonomous Neurodegeneration in Parkinson's Disease. Stem Cell Reports, 2019, 12, 213-229.	2.3	250
46	Glioblastoma ablates pericytes antitumor immune function through aberrant up-regulation of chaperone-mediated autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20655-20665.	3.3	66
47	Proteome-wide analysis of chaperone-mediated autophagy targeting motifs. PLoS Biology, 2019, 17, e3000301.	2.6	136
48	Lysosomal Dysfunction in Down Syndrome Is APP-Dependent and Mediated by APP-Î²CTF (C99). Journal of Neuroscience, 2019, 39, 5255-5268.	1.7	109
49	A farnesyltransferase inhibitor activates lysosomes and reduces tau pathology in mice with tauopathy. Science Translational Medicine, 2019, 11, .	5.8	75
50	Chaperone-Mediated Autophagy Upregulation Rescues Megalin Expression and Localization in Cystinotic Proximal Tubule Cells. Frontiers in Endocrinology, 2019, 10, 21.	1.5	10
51	Analysis of Chaperone-Mediated Autophagy. Methods in Molecular Biology, 2019, 1880, 703-727.	0.4	40
52	Rare variants in the neuronal ceroid lipofuscinosis gene MFSD8 are candidate risk factors for frontotemporal dementia. Acta Neuropathologica, 2019, 137, 71-88.	3.9	29
53	Age-associated changes in human CD4+ T cells point to mitochondrial dysfunction consequent to impaired autophagy. Aging, 2019, 11, 9234-9263.	1.4	63
54	Chaperone-Mediated Autophagy Ensures Hematopoietic Stem Cell Maintenance. Blood, 2019, 134, 272-272.	0.6	0

#	Article	IF	Citations
55	The coming of age of chaperone-mediated autophagy. Nature Reviews Molecular Cell Biology, 2018, 19, 365-381.	16.1	827
56	Identification of distinct nanoparticles and subsets of extracellular vesicles by asymmetric flow field-flow fractionation. Nature Cell Biology, 2018, 20, 332-343.	4.6	1,101
57	Chaperone-mediated autophagy and endosomal microautophagy: Jointed by a chaperone. Journal of Biological Chemistry, 2018, 293, 5414-5424.	1.6	257
58	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. Circulation Research, 2018, 122, 568-582.	2.0	35
59	Probing the correlation of neuronal loss, neurofibrillary tangles, and cell death markers across the Alzheimer's disease Braak stages: a quantitative study in humans. Neurobiology of Aging, 2018, 61, 1-12.	1.5	89
60	Interplay of pathogenic forms of human tau with different autophagic pathways. Aging Cell, 2018, 17, e12692.	3.0	148
61	Humanin is an endogenous activator of chaperone-mediated autophagy. Journal of Cell Biology, 2018, 217, 635-647.	2.3	71
62	Autophagy is a gatekeeper of hepatic differentiation and carcinogenesis by controlling the degradation of Yap. Nature Communications, 2018, 9, 4962.	5.8	111
63	Lysosomal and network alterations in human mucopolysaccharidosis type VII iPSC-derived neurons. Scientific Reports, 2018, 8, 16644.	1.6	15
64	Sarcosine Is Uniquely Modulated by Aging and Dietary Restriction in Rodents and Humans. Cell Reports, 2018, 25, 663-676.e6.	2.9	43
65	Aging as a Biological Target for Prevention and Therapy. JAMA - Journal of the American Medical Association, 2018, 320, 1321.	3.8	82
66	Coordinate regulation of mutant NPC1 degradation by selective ER autophagy and MARCH6-dependent ERAD. Nature Communications, 2018, 9, 3671.	5.8	82
67	Transcription factor NFE2L2/NRF2 modulates chaperone-mediated autophagy through the regulation of LAMP2A. Autophagy, 2018, 14, 1310-1322.	4.3	134
68	Defective recruitment of motor proteins to autophagic compartments contributes to autophagic failure in aging. Aging Cell, 2018, 17, e12777.	3.0	33
69	Selective autophagy as a potential therapeutic target for neurodegenerative disorders. Lancet Neurology, The, 2018, 17, 802-815.	4.9	269
70	The ULK1-FBXW5-SEC23B nexus controls autophagy. ELife, 2018, 7, .	2.8	63
71	Abstract 117: Regulation of Cardiac Mitochondrial Function by Chaperone Mediated Autophagy. Circulation Research, 2018, 123, .	2.0	1
72	Store-Operated Ca 2+ Entry Controls Induction of Lipolysis and the Transcriptional Reprogramming to Lipid Metabolism. Cell Metabolism, 2017, 25, 698-712.	7.2	131

#	Article	IF	Citations
73	Transgenic expression of human APOL1 risk variants in podocytes induces kidney disease in mice. Nature Medicine, 2017, 23, 429-438.	15.2	282
74	Chaperone-mediated autophagy prevents cellular transformation by regulating MYC proteasomal degradation. Autophagy, 2017, 13, 928-940.	4.3	77
75	Programmed mitophagy is essential for the glycolytic switch during cell differentiation. EMBO Journal, 2017, 36, 1688-1706.	3.5	245
76	Cystinosin, the small GTPase Rab11, and the Rab7 effector RILP regulate intracellular trafficking of the chaperone-mediated autophagy receptor LAMP2A. Journal of Biological Chemistry, 2017, 292, 10328-10346.	1.6	62
77	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	3.5	1,230
78	Role of chaperoneâ€mediated autophagy in metabolism. FEBS Journal, 2016, 283, 2403-2413.	2.2	106
79	Selective endosomal microautophagy is starvation-inducible inDrosophila. Autophagy, 2016, 12, 1984-1999.	4.3	94
80	Structural and Biological Interaction of hsc-70 Protein with Phosphatidylserine in Endosomal Microautophagy. Journal of Biological Chemistry, 2016, 291, 18096-18106.	1.6	52
81	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112.	7.2	360
82	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
83	Autophagy and primary cilia: dual interplay. Current Opinion in Cell Biology, 2016, 39, 1-7.	2.6	72
84	AMPK-dependent phosphorylation of lipid droplet protein PLIN2 triggers its degradation by CMA. Autophagy, 2016, 12, 432-438.	4.3	173
85	Regulation of Liver Metabolism by Autophagy. Gastroenterology, 2016, 150, 328-339.	0.6	263
86	Obatoclax kills anaplastic thyroid cancer cells by inducing lysosome neutralization and necrosis. Oncotarget, 2016, 7, 34453-34471.	0.8	21
87	The Role of Autophagy in Liver Diseases: Mechanisms and Potential Therapeutic Targets. BioMed Research International, 2015, 2015, 1-2.	0.9	35
88	Annexin A2 promotes phagophore assembly by enhancing Atg16L+ vesicle biogenesis and homotypic fusion. Nature Communications, 2015, 6, 5856.	5.8	43
89	HTT/Huntingtin in selective autophagy and Huntington disease: A foe or a friend within?. Autophagy, 2015, 11, 858-860.	4.3	40
90	Proteostasis and aging. Nature Medicine, 2015, 21, 1406-1415.	15.2	647

#	Article	IF	Citations
91	Huntingtin functions as a scaffold for selective macroautophagy. Nature Cell Biology, 2015, 17, 262-275.	4.6	336
92	Methods to study chaperone-mediated autophagy. Methods, 2015, 75, 133-140.	1.9	63
93	Lysosomal mTORC2/PHLPP1/Akt Regulate Chaperone-Mediated Autophagy. Molecular Cell, 2015, 59, 270-284.	4.5	223
94	Selective autophagy and Huntingtin: learning from disease. Cell Cycle, 2015, 14, 1617-1618.	1.3	12
95	Modulation of deregulated chaperone-mediated autophagy by a phosphopeptide. Autophagy, 2015, 11, 472-486.	4.3	83
96	Regulated degradation of Chk1 by chaperone-mediated autophagy in response to DNA damage. Nature Communications, 2015, 6, 6823.	5.8	168
97	Degradation of lipid droplet-associated proteins by chaperone-mediated autophagy facilitates lipolysis. Nature Cell Biology, 2015, 17, 759-770.	4.6	498
98	Î±-Synuclein-Independent Histopathological and Motor Deficits in Mice Lacking the Endolysosomal Parkinsonism Protein Atp13a2. Journal of Neuroscience, 2015, 35, 5724-5742.	1.7	87
99	Reflections on the Field of Metabolism. Cell Metabolism, 2015, 21, 505-506.	7.2	0
100	Loss of hepatic chaperoneâ€mediated autophagy accelerates proteostasis failure in aging. Aging Cell, 2015, 14, 249-264.	3.0	141
101	Hydrodynamic size-based separation and characterization of protein aggregates from total cell lysates. Nature Protocols, 2015, 10, 134-148.	5.5	8
102	Autophagy and regulation of cilia function and assembly. Cell Death and Differentiation, 2015, 22, 389-397.	5.0	64
103	Malfolded Protein Structure and Proteostasis in Lung Diseases. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 96-103.	2.5	57
104	Editorial. Aging Cell, 2014, 13, 1-1.	3.0	1
105	Proteasome Failure Promotes Positioning of Lysosomes around the Aggresome via Local Block of Microtubule-Dependent Transport. Molecular and Cellular Biology, 2014, 34, 1336-1348.	1.1	62
106	Connexins modulate autophagosome biogenesis. Nature Cell Biology, 2014, 16, 401-414.	4.6	113
107	Proteostasis and the Aging Proteome in Health and Disease. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, S33-S38.	1.7	235
108	Chaperone-mediated autophagy: roles in disease and aging. Cell Research, 2014, 24, 92-104.	5.7	682

#	Article	IF	Citations
109	Geroscience: Linking Aging to Chronic Disease. Cell, 2014, 159, 709-713.	13.5	1,709
110	Liver autophagy: much more than just taking out the trash. Nature Reviews Gastroenterology and Hepatology, 2014, 11, 187-200.	8.2	158
111	Phosphorylationâ€Regulated Degradation of the Tumorâ€Suppressor Form of PED by Chaperoneâ€Mediated Autophagy in Lung Cancer Cells. Journal of Cellular Physiology, 2014, 229, 1359-1368.	2.0	42
112	Deficient Chaperone-Mediated Autophagy in Liver Leads to Metabolic Dysregulation. Cell Metabolism, 2014, 20, 417-432.	7.2	249
113	Defective macroautophagic turnover of brain lipids in the TgCRND8 Alzheimer mouse model: prevention by correcting lysosomal proteolytic deficits. Brain, 2014, 137, 3300-3318.	3.7	92
114	Chaperone-mediated autophagy regulates T cell responses through targeted degradation of negative regulators of T cell activation. Nature Immunology, 2014, 15, 1046-1054.	7.0	166
115	Autophagy and the immune function in aging. Current Opinion in Immunology, 2014, 29, 97-104.	2.4	100
116	Autophagy and human disease: emerging themes. Current Opinion in Genetics and Development, 2014, 26, 16-23.	1.5	280
117	Dietary intake of polyphenols and major food sources in an institutionalised elderly population. Journal of Human Nutrition and Dietetics, 2014, 27, 176-183.	1.3	34
118	Chaperone-mediated autophagy: dedicated saviour and unfortunate victim in the neurodegeneration arena. Biochemical Society Transactions, 2013, 41, 1483-1488.	1.6	18
119	Functional interaction between autophagy and ciliogenesis. Nature, 2013, 502, 194-200.	13.7	357
120	Balance between autophagic pathways preserves retinal homeostasis. Aging Cell, 2013, 12, 478-488.	3.0	169
121	S3-02-02: Autophagy and neurodegeneration. , 2013, 9, P512-P512.		1
122	Editorial. Aging Cell, 2013, 12, 1-1.	3.0	1
123	Interplay of LRRK2 with chaperone-mediated autophagy. Nature Neuroscience, 2013, 16, 394-406.	7.1	515
124	Chemical modulation of chaperone-mediated autophagy by retinoic acid derivatives. Nature Chemical Biology, 2013, 9, 374-382.	3.9	172
125	Selective Autophagy: Talking with the UPS. Cell Biochemistry and Biophysics, 2013, 67, 3-13.	0.9	102
126	Preventing lysosomal fat indigestion. Nature Cell Biology, 2013, 15, 565-567.	4.6	8

#	Article	IF	Citations
127	Aging Cell Prize for Best Paper 2012. Aging Cell, 2013, 12, 1148-1148.	3.0	0
128	Selective autophagy in cellular quality control. Research and Perspectives in Alzheimer's Disease, 2013, , 63-75.	0.1	0
129	The lipid kinase PI4KIIIÎ² preserves lysosomal identity. EMBO Journal, 2012, 32, 324-339.	3.5	104
130	Autophagy modulates dynamics of connexins at the plasma membrane in a ubiquitin-dependent manner. Molecular Biology of the Cell, 2012, 23, 2156-2169.	0.9	110
131	Inhibitory effect of dietary lipids on chaperone-mediated autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E705-14.	3.3	181
132	Chronic Expression of RCAN1-1L Protein Induces Mitochondrial Autophagy and Metabolic Shift from Oxidative Phosphorylation to Glycolysis in Neuronal Cells. Journal of Biological Chemistry, 2012, 287, 14088-14098.	1.6	66
133	Lipophagy: Connecting Autophagy and Lipid Metabolism. International Journal of Cell Biology, 2012, 2012, 1-12.	1.0	392
134	Chaperone-mediated autophagy: a unique way to enter the lysosome world. Trends in Cell Biology, 2012, 22, 407-417.	3.6	695
135	Dietary lipids and aging compromise chaperone-mediated autophagy by similar mechanisms. Autophagy, 2012, 8, 1152-1154.	4.3	26
136	Molecular determinants of selective clearance of protein inclusions by autophagy. Nature Communications, 2012, 3, 1240.	5.8	58
137	Age-Related Oxidative Stress Compromises Endosomal Proteostasis. Cell Reports, 2012, 2, 136-149.	2.9	77
138	Autophagy, nutrition and immunology. Molecular Aspects of Medicine, 2012, 33, 2-13.	2.7	76
139	Mouse Skeletal Muscle Fiber-Type-Specific Macroautophagy and Muscle Wasting Are Regulated by a Fyn/STAT3/Vps34 Signaling Pathway. Cell Reports, 2012, 1, 557-569.	2.9	80
140	Targeting the UPR transcription factor XBP1 protects against Huntington's disease through the regulation of FoxO1 and autophagy. Human Molecular Genetics, 2012, 21, 2245-2262.	1.4	253
141	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
142	Chaperones in autophagy. Pharmacological Research, 2012, 66, 484-493.	3.1	60
143	Autophagy and disease: always two sides to a problem. Journal of Pathology, 2012, 226, 255-273.	2.1	258
144	Diseaseâ€specific phenotypes in dopamine neurons from human iPSâ€based models of genetic and sporadic Parkinson's disease. EMBO Molecular Medicine, 2012, 4, 380-395.	3.3	501

#	Article	IF	Citations
145	Selective autophagy in the maintenance of cellular homeostasis in aging organisms. Biogerontology, 2012, 13, 21-35.	2.0	83
146	Chaperone-mediated autophagy at a glance. Journal of Cell Science, 2011, 124, 495-499.	1.2	177
147	Chaperone-Mediated Autophagy Is Required for Tumor Growth. Science Translational Medicine, 2011, 3, 109ra117.	5.8	205
148	Protein homeostasis and aging: The importance of exquisite quality control. Ageing Research Reviews, 2011, 10, 205-215.	5.0	389
149	Autophagy in the Cellular Energetic Balance. Cell Metabolism, 2011, 13, 495-504.	7.2	673
150	Autophagy in Hypothalamic AgRP Neurons Regulates Food Intake and Energy Balance. Cell Metabolism, 2011, 14, 173-183.	7.2	326
151	Microautophagy of Cytosolic Proteins by Late Endosomes. Developmental Cell, 2011, 20, 131-139.	3.1	728
152	Protein Homeostasis and Aging. , 2011, , 297-317.		0
153	Aging Cell Prize for Best Paper 2010. Aging Cell, 2011, 10, 1092-1092.	3.0	0
154	Chaperone-mediated autophagy: Dice's 'wild' idea about lysosomal selectivity. Nature Reviews Molecular Cell Biology, 2011, 12, 535-541.	16.1	59
155	Chaperone-mediated autophagy in protein quality control. Current Opinion in Cell Biology, 2011, 23, 184-189.	2.6	272
156	A photoconvertible fluorescent reporter to track chaperone-mediated autophagy. Nature Communications, 2011, 2, 386.	5.8	156
157	Chaperone-mediated autophagy dysfunction in the pathogenesis of neurodegeneration. Neurobiology of Disease, 2011, 43, 29-37.	2.1	77
158	Autophagy's Top Chef. Science, 2011, 332, 1392-1393.	6.0	35
159	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. Clinical Cancer Research, 2011, 17, 5353-5366.	3.2	60
160	Therapeutic effects of remediating autophagy failure in a mouse model of Alzheimer disease by enhancing lysosomal proteolysis. Autophagy, 2011, 7, 788-789.	4.3	89
161	Chasing the elusive mammalian microautophagy. Autophagy, 2011, 7, 652-654.	4.3	66
162	Constitutive Upregulation of Chaperone-Mediated Autophagy in Huntington's Disease. Journal of Neuroscience, 2011, 31, 18492-18505.	1.7	139

#	Article	IF	Citations
163	Reversal of autophagy dysfunction in the TgCRND8 mouse model of Alzheimer's disease ameliorates amyloid pathologies and memory deficits. Brain, 2011, 134, 258-277.	3.7	394
164	A comprehensive glossary of autophagy-related molecules and processes (2ndedition). Autophagy, 2011, 7, 1273-1294.	4.3	255
165	Lysosomal Degradation of Î±-Synuclein in Vivo. Journal of Biological Chemistry, 2010, 285, 13621-13629.	1.6	298
166	Autophagy and lipids: tightening the knot. Seminars in Immunopathology, 2010, 32, 343-353.	2.8	43
167	Trehalose ameliorates dopaminergic and tau pathology in parkin deleted/tau overexpressing mice through autophagy activation. Neurobiology of Disease, 2010, 39, 423-438.	2.1	275
168	Chaperoneâ€mediated autophagy in health and disease. FEBS Letters, 2010, 584, 1399-1404.	1.3	109
169	Eps8 is recruited to lysosomes and subjected to chaperone-mediated autophagy in cancer cells. Experimental Cell Research, 2010, 316, 1914-1924.	1.2	40
170	Protein degradation, aggregation, and misfolding. Movement Disorders, 2010, 25, S49-54.	2.2	121
171	Aging Cell Prize for Best Paper 2009. Aging Cell, 2010, 9, 650-650.	3.0	0
172	HDAC6 controls autophagosome maturation essential for ubiquitin-selective quality-control autophagy. EMBO Journal, 2010, 29, 969-980.	3.5	660
173	The plasma membrane brings autophagosomes to life. Nature Cell Biology, 2010, 12, 735-737.	4.6	50
174	Cargo recognition failure is responsible for inefficient autophagy in Huntington's disease. Nature Neuroscience, 2010, 13, 567-576.	7.1	730
175	Autophagy gone awry in neurodegenerative diseases. Nature Neuroscience, 2010, 13, 805-811.	7.1	805
176	Autophagic pathways and metabolic stress. Diabetes, Obesity and Metabolism, 2010, 12, 4-14.	2.2	77
177	Chaperone-Mediated Autophagy. Proceedings of the American Thoracic Society, 2010, 7, 29-39.	3.5	127
178	A comprehensive glossary of autophagy-related molecules and processes. Autophagy, 2010, 6, 438-448.	4.3	144
179	Integration of Clearance Mechanisms: The Proteasome and Autophagy. Cold Spring Harbor Perspectives in Biology, 2010, 2, a006734-a006734.	2.3	257
180	Altered lipid content inhibits autophagic vesicular fusion. FASEB Journal, 2010, 24, 3052-3065.	0.2	371

#	Article	IF	Citations
181	Macroautophagy Regulates Energy Metabolism during Effector T Cell Activation. Journal of Immunology, 2010, 185, 7349-7357.	0.4	240
182	Synergy and antagonism of macroautophagy and chaperone-mediated autophagy in a cell model of pathological tau aggregation. Autophagy, 2010, 6, 182-183.	4.3	82
183	Ubiquilin functions in autophagy and is degraded by chaperone-mediated autophagy. Human Molecular Genetics, 2010, 19, 3219-3232.	1.4	203
184	Inhibitory effect of intracellular lipid load on macroautophagy. Autophagy, 2010, 6, 825-827.	4.3	21
185	Identification of Regulators of Chaperone-Mediated Autophagy. Molecular Cell, 2010, 39, 535-547.	4.5	178
186	Lysosomal Proteolysis and Autophagy Require Presenilin 1 and Are Disrupted by Alzheimer-Related PS1 Mutations. Cell, 2010, 141, 1146-1158.	13.5	1,002
187	Chaperone-mediated autophagy: selectivity pays off. Trends in Endocrinology and Metabolism, 2010, 21, 142-150.	3.1	225
188	Chaperone-mediated autophagy: Molecular mechanisms and physiological relevance. Seminars in Cell and Developmental Biology, 2010, 21, 719-726.	2.3	222
189	Changes in Lysosomes and Their Autophagic Function in Aging: The Comparative Biology of Lysosomal Function. , 2010, , 201-226.		2
190	Induction of Autophagy by Cystatin C: A Mechanism That Protects Murine Primary Cortical Neurons and Neuronal Cell Lines. PLoS ONE, 2010, 5, e9819.	1.1	104
191	Autophagy regulates adipose mass and differentiation in mice. Journal of Clinical Investigation, 2009, 119, 3329-39.	3.9	580
192	XBP-1 deficiency in the nervous system protects against amyotrophic lateral sclerosis by increasing autophagy. Genes and Development, 2009, 23, 2294-2306.	2.7	463
193	In search of an â€œautophagomometerâ€• Autophagy, 2009, 5, 585-589.	4.3	503
194	Lipases in lysosomes, what for?. Autophagy, 2009, 5, 866-867.	4.3	26
195	Tau fragmentation, aggregation and clearance: the dual role of lysosomal processing. Human Molecular Genetics, 2009, 18, 4153-4170.	1.4	516
196	IKK phosphorylates Huntingtin and targets it for degradation by the proteasome and lysosome. Journal of Cell Biology, 2009, 187, 1083-1099.	2.3	343
197	Autophagy regulates lipid metabolism. Nature, 2009, 458, 1131-1135.	13.7	3,149
198	Monomeric fluorescent timers that change color from blue to red report on cellular trafficking. Nature Chemical Biology, 2009, 5, 118-126.	3.9	164

#	Article	IF	Citations
199	Announcements from your Editorial Team. Aging Cell, 2009, 8, 1-1.	3.0	4
200	Aging Cell Prize for Best Paper. Aging Cell, 2009, 8, 345-345.	3.0	0
201	Chapter 19 Methods to Monitor Chaperoneâ€Mediated Autophagy. Methods in Enzymology, 2009, 452, 297-324.	0.4	119
202	Protein Homeostasis and Aging: Taking Care of Proteins From the Cradle to the Grave. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 167-170.	1.7	136
203	Autophagy and aging: connecting nutritionalâ€regulated catabolism and cellular quality control. FASEB Journal, 2009, 23, 425.3.	0.2	0
204	Autophagy fights disease through cellular self-digestion. Nature, 2008, 451, 1069-1075.	13.7	5,714
205	Restoration of chaperone-mediated autophagy in aging liver improves cellular maintenance and hepatic function. Nature Medicine, 2008, 14, 959-965.	15.2	456
206	Aging Cell manuscripts on the road to PubMed Central: shifting from manual to automatic transmission. Aging Cell, 2008, 7, 447-447.	3.0	0
207	Autophagy and aging: keeping that old broom working. Trends in Genetics, 2008, 24, 604-612.	2.9	495
208	Chaperone-Mediated Autophagy. Methods in Molecular Biology, 2008, 445, 227-244.	0.4	69
209	Constitutive Activation of Chaperone-mediated Autophagy in Cells with Impaired Macroautophagy. Molecular Biology of the Cell, 2008, 19, 2179-2192.	0.9	281
210	Autophagy-mediated clearance of aggresomes is not a universal phenomenon. Human Molecular Genetics, 2008, 17, 2570-2582.	1.4	143
211	Calorie Restriction and Aging: The Ultimate "Cleansing Diet". Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 547-549.	1.7	45
212	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
213	Loss of Macroautophagy Promotes or Prevents Fibroblast Apoptosis Depending on the Death Stimulus. Journal of Biological Chemistry, 2008, 283, 4766-4777.	1.6	119
214	Early cellular changes after blockage of chaperone-mediated autophagy. Autophagy, 2008, 4, 442-456.	4.3	65
215	Entering the lysosome through a transient gate by chaperone-mediated autophagy. Autophagy, 2008, 4, 1101-1103.	4.3	46
216	The Chaperone-Mediated Autophagy Receptor Organizes in Dynamic Protein Complexes at the Lysosomal Membrane. Molecular and Cellular Biology, 2008, 28, 5747-5763.	1.1	435

#	Article	IF	Citations
217	Selective Autophagy in the Pathogenesis of Parkinson's Disease. , 2008, , 409-422.		0
218	Dopamine-modified Î±-synuclein blocks chaperone-mediated autophagy. Journal of Clinical Investigation, 2008, 118, 777-88.	3.9	531
219	A2E, A Pigment of RPE Lipofuscin, is Generated from the Precursor, A2PE by a Lysosomal Enzyme Activity. Advances in Experimental Medicine and Biology, 2008, 613, 393-398.	0.8	45
220	How Shall I Eat Thee?. Autophagy, 2007, 3, 413-416.	4.3	145
221	Methods for Monitoring Autophagy from Yeast to Human. Autophagy, 2007, 3, 181-206.	4.3	614
222	Chaperone-Mediated Autophagy and Aging: A Novel Regulatory Role of Lipids Revealed. Autophagy, 2007, 3, 387-389.	4.3	20
223	Altered dynamics of the lysosomal receptor for chaperone-mediated autophagy with age. Journal of Cell Science, 2007, 120, 782-791.	1.2	186
224	Eat your heart out. Nature Medicine, 2007, 13, 539-541.	15.2	26
225	Chaperone-mediated autophagy in aging and neurodegeneration: Lessons from Î±-synuclein. Experimental Gerontology, 2007, 42, 120-128.	1.2	87
226	Autophagy and neurodegeneration: when the cleaning crew goes on strike. Lancet Neurology, The, 2007, 6, 352-361.	4.9	439
227	Autophagy and neurodegeneration. Current Neurology and Neuroscience Reports, 2007, 7, 443-451.	2.0	70
228	Chaperoneâ€Mediated Autophagy in Aging and Disease. Current Topics in Developmental Biology, 2006, 73, 205-235.	1.0	259
229	Autophagic Defects in Aging: Looking for an â€œEmergency Exit"?. Cell Cycle, 2006, 5, 1292-1296.	1.3	38
230	Oxidative Stress and Autophagy. Antioxidants and Redox Signaling, 2006, 8, 152-162.	2.5	456
231	Autophagy as a cell-repair mechanism: Activation of chaperone-mediated autophagy during oxidative stress. Molecular Aspects of Medicine, 2006, 27, 444-454.	2.7	127
232	Autophagy in neurons: it is not all about food. Trends in Molecular Medicine, 2006, 12, 461-464.	3.5	44
233	Autophagy in Disease and Aging. , 2006, , 69-104.		0
234	Lysosome membrane lipid microdomains: novel regulators of chaperone-mediated autophagy. EMBO Journal, 2006, 25, 3921-3933.	3.5	183

#	Article	IF	Citations
235	Lysosomal Chat Maintains the Balance. Autophagy, 2006, 2, 325-327.	4.3	28
236	Consequences of the selective blockage of chaperone-mediated autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5805-5810.	3.3	453
237	Disease-Modifying Pathways in Neurodegeneration. Journal of Neuroscience, 2006, 26, 10349-10357.	1.7	51
238	Autophagy Is Disrupted in a Knock-in Mouse Model of Juvenile Neuronal Ceroid Lipofuscinosis. Journal of Biological Chemistry, 2006, 281, 20483-20493.	1.6	222
239	Unifying Nomenclature for the Isoforms of the Lysosomal Membrane Protein LAMP-2. Traffic, 2005, 6, 1058-1061.	1.3	107
240	Protein degradation and aging. Experimental Gerontology, 2005, 40, 622-633.	1.2	222
241	Autophagy and Aging: The Importance of Maintaining "Clean" Cells. Autophagy, 2005, 1, 131-140.	4.3	709
242	Extensive Involvement of Autophagy in Alzheimer Disease: An Immuno-Electron Microscopy Study. Journal of Neuropathology and Experimental Neurology, 2005, 64, 113-122.	0.9	1,270
243	Medical bioremediation: Prospects for the application of microbial catabolic diversity to aging and several major age-related diseases. Ageing Research Reviews, 2005, 4, 315-338.	5.0	34
244	Macroautophagyâ€”a novel Î²-amyloid peptide-generating pathway activated in Alzheimer's disease. Journal of Cell Biology, 2005, 171, 87-98.	2.3	891
245	Activation of Chaperone-mediated Autophagy during Oxidative Stress. Molecular Biology of the Cell, 2004, 15, 4829-4840.	0.9	546
246	Autophagy: in sickness and in health. Trends in Cell Biology, 2004, 14, 70-77.	3.6	762
247	Autophagy: Many paths to the same end. Molecular and Cellular Biochemistry, 2004, 263, 55-72.	1.4	395
248	Characterization of chronic low-level proteasome inhibition on neural homeostasis. Journal of Neurochemistry, 2004, 86, 489-497.	2.1	130
249	Impaired Degradation of Mutant Â-Synuclein by Chaperone-Mediated Autophagy. Science, 2004, 305, 1292-1295.	6.0	1,762
250	Pathophysiology of chaperone-mediated autophagy. International Journal of Biochemistry and Cell Biology, 2004, 36, 2420-2434.	1.2	169
251	Autophagic vacuoles are enriched in amyloid precursor protein-secretase activities: implications for Î²-amyloid peptide over-production and localization in Alzheimerâ€™s disease. International Journal of Biochemistry and Cell Biology, 2004, 36, 2531-2540.	1.2	279
252	Autophagy: many paths to the same end. Molecular and Cellular Biochemistry, 2004, 263, 55-72.	1.4	154

#	Article	IF	Citations
253	Cathepsin A regulates chaperone-mediated autophagy through cleavage of the lysosomal receptor. EMBO Journal, 2003, 22, 47-59.	3.5	152
254	Autophagy and Aging--When "All You Can Eat" Is Yourself. Science of Aging Knowledge Environment: SAGE KE, 2003, 2003, 25pe-25.	0.9	24
255	Stimulatory effect of vitamin C on autophagy in glial cells. Journal of Neurochemistry, 2002, 82, 538-549.	2.1	44
256	Lysosomal targeting and degradation of annexins. Biochemical Society Transactions, 2000, 28, A349-A349.	1.6	0
257	Regulation of Lamp2a Levels in the Lysosomal Membrane. Traffic, 2000, 1, 570-583.	1.3	249
258	When lysosomes get oldâ˜†. Experimental Gerontology, 2000, 35, 119-131.	1.2	214
259	Age-related Decline in Chaperone-mediated Autophagy. Journal of Biological Chemistry, 2000, 275, 31505-31513.	1.6	555
260	Selective Degradation of Annexins by Chaperone-mediated Autophagy. Journal of Biological Chemistry, 2000, 275, 33329-33335.	1.6	72
261	Unique properties of lamp2a compared to other lamp2 isoforms. Journal of Cell Science, 2000, 113 Pt 24, 4441-50.	1.2	134
262	Direct lysosomal uptake of Î±2-microglobulin contributes to chemically induced nephropathy. Kidney International, 1999, 55, 529-545.	2.6	85
263	IÎºB Is a Substrate for a Selective Pathway of Lysosomal Proteolysis. Molecular Biology of the Cell, 1998, 9, 1995-2010.	0.9	140
264	How do intracellular proteolytic systems change with age. Frontiers in Bioscience - Landmark, 1998, 3, d25-43.	3.0	104
265	Title is missing!. Journal of Molecular Medicine, 1998, 76, 6-12.	1.7	171
266	A Population of Rat Liver Lysosomes Responsible for the Selective Uptake and Degradation of Cytosolic Proteins. Journal of Biological Chemistry, 1997, 272, 5606-5615.	1.6	256
267	Lysosomes, a meeting point of proteins, chaperones, and proteases. Journal of Molecular Medicine, 1997, 76, 6-12.	1.7	73
268	LAPTM5: A Novel Lysosomal-Associated Multispanning Membrane Protein Preferentially Expressed in Hematopoietic Cells. Genomics, 1996, 35, 328-337.	1.3	95
269	A Receptor for the Selective Uptake and Degradation of Proteins by Lysosomes. Science, 1996, 273, 501-503.	6.0	815
270	Activation of a selective pathway of lysosomal proteolysis in rat liver by prolonged starvation. American Journal of Physiology - Cell Physiology, 1995, 269, C1200-C1208.	2.1	294

#	Article	IF	Citations
271	Degradation of Proteasomes by Lysosomes in Rat Liver. FEBS Journal, 1995, 227, 792-800.	0.2	62
272	Degradation of Proteasomes by Lysosomes in Rat Liver. FEBS Journal, 1995, 227, 792-800.	0.2	166
273	Nerve conduction velocity decrease and synaptic transmission alterations in caffeine-treated rats. Neurotoxicology and Teratology, 1994, 16, 11-15.	1.2	6
274	Selective binding and uptake of ribonuclease A and glyceraldehyde-3-phosphate dehydrogenase by isolated rat liver lysosomes. Journal of Biological Chemistry, 1994, 269, 26374-26380.	1.6	122
275	Selective binding and uptake of ribonuclease A and glyceraldehyde-3-phosphate dehydrogenase by isolated rat liver lysosomes. Journal of Biological Chemistry, 1994, 269, 26374-80.	1.6	107
276	Uptake and degradation of glyceraldehyde-3-phosphate dehydrogenase by rat liver lysosomes. Journal of Biological Chemistry, 1993, 268, 10463-70.	1.6	119
277	Temperature dependence of the toxic effects of phenytoin on peripheral neuromuscular function of the rat tail. Neurotoxicology and Teratology, 1990, 12, 627-631.	1.2	7
278	Autophagy â€“ The Liaison between the Lysosomal System and Cell Death. , 0, , 63-73.		0
279	Degradation of lipid droplet-associated proteins by chaperone-mediated autophagy facilitates lipolysis. , 0, .		1
280	Proteostasis and aging. , 0, .		1