

# Daniel J Klionsky

## List of Publications by Year in descending order

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541  
papers

93,231  
citations

553

126  
h-index

326

287  
g-index

619  
all docs

619  
docs citations

619  
times ranked

63616  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy fights disease through cellular self-digestion. <i>Nature</i> , 2008, 451, 1069-1075.	13.7	5,714
2	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
3	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
4	Development by Self-Digestion. <i>Developmental Cell</i> , 2004, 6, 463-477.	3.1	3,502
5	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
6	Regulation Mechanisms and Signaling Pathways of Autophagy. <i>Annual Review of Genetics</i> , 2009, 43, 67-93.	3.2	3,114
7	Autophagy as a Regulated Pathway of Cellular Degradation. , 2000, 290, 1717-1721.		3,087
8	Autophagy in Health and Disease: A Double-Edged Sword. <i>Science</i> , 2004, 306, 990-995.	6.0	2,367
9	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	4.3	2,064
10	Autophagosome formation: core machinery and adaptations. <i>Nature Cell Biology</i> , 2007, 9, 1102-1109.	4.6	1,938
11	Eaten alive: a history of macroautophagy. <i>Nature Cell Biology</i> , 2010, 12, 814-822.	4.6	1,839
12	Autophagy: from phenomenology to molecular understanding in less than a decade. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 931-937.	16.1	1,765
13	Mammalian autophagy: core molecular machinery and signaling regulation. <i>Current Opinion in Cell Biology</i> , 2010, 22, 124-131.	2.6	1,729
14	An Overview of Autophagy: Morphology, Mechanism, and Regulation. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 460-473.	2.5	1,669
15	The machinery of macroautophagy. <i>Cell Research</i> , 2014, 24, 24-41.	5.7	1,656
16	A protein conjugation system essential for autophagy. <i>Nature</i> , 1998, 395, 395-398.	13.7	1,468
17	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,102</i>	4.3	1,430
18	A Unified Nomenclature for Yeast Autophagy-Related Genes. <i>Developmental Cell</i> , 2003, 5, 539-545.	3.1	1,147

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19	Potential therapeutic applications of autophagy. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 304-312.	21.5	901
20	Endoplasmic Reticulum Stress Triggers Autophagy. <i>Journal of Biological Chemistry</i> , 2006, 281, 30299-30304.	1.6	842
21	The molecular machinery of autophagy: unanswered questions. <i>Journal of Cell Science</i> , 2005, 118, 7-18.	1.2	839
22	Cargo recognition and degradation by selective autophagy. <i>Nature Cell Biology</i> , 2018, 20, 233-242.	4.6	789
23	Ferroptosis: machinery and regulation. <i>Autophagy</i> , 2021, 17, 2054-2081.	4.3	765
24	Protein Turnover Via Autophagy: Implications for Metabolism. <i>Annual Review of Nutrition</i> , 2007, 27, 19-40.	4.3	730
25	Atg32 Is a Mitochondrial Protein that Confers Selectivity during Mitophagy. <i>Developmental Cell</i> , 2009, 17, 98-109.	3.1	709
26	The Atg8 and Atg12 ubiquitin-like conjugation systems in macroautophagy. <i>EMBO Reports</i> , 2008, 9, 859-864.	2.0	674
27	Atg8 Controls Phagophore Expansion during Autophagosome Formation. <i>Molecular Biology of the Cell</i> , 2008, 19, 3290-3298.	0.9	642
28	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
29	Methods for Monitoring Autophagy from Yeast to Human. <i>Autophagy</i> , 2007, 3, 181-206.	4.3	614
30	An Overview of the Molecular Mechanism of Autophagy. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 1-32.	0.7	595
31	Ferroptosis is a type of autophagy-dependent cell death. <i>Seminars in Cancer Biology</i> , 2020, 66, 89-100.	4.3	552
32	The regulation of autophagy – unanswered questions. <i>Journal of Cell Science</i> , 2011, 124, 161-170.	1.2	542
33	Autophagy in the Eukaryotic Cell. <i>Eukaryotic Cell</i> , 2002, 1, 11-21.	3.4	517
34	In search of an ‘autophagometer’. <i>Autophagy</i> , 2009, 5, 585-589.	4.3	503
35	Physiological functions of Atg6/Beclin 1: a unique autophagy-related protein. <i>Cell Research</i> , 2007, 17, 839-849.	5.7	492
36	AMPK-Mediated BECN1 Phosphorylation Promotes Ferroptosis by Directly Blocking System X <sub>c</sub> Activity. <i>Current Biology</i> , 2018, 28, 2388-2399.e5.	1.8	471

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37	The Molecular Mechanism of Autophagy. <i>Molecular Medicine</i> , 2003, 9, 65-76.	1.9	470
38	Autophagy: machinery and regulation. <i>Microbial Cell</i> , 2016, 3, 588-596.	1.4	461
39	Vacuolar Import of Proteins and Organelles From The Cytoplasm. <i>Annual Review of Cell and Developmental Biology</i> , 1999, 15, 1-32.	4.0	445
40	The Atg1-Atg13 Complex Regulates Atg9 and Atg23 Retrieval Transport from the Pre-Autophagosomal Structure. <i>Developmental Cell</i> , 2004, 6, 79-90.	3.1	429
41	Does bafilomycin A <sub>1</sub> block the fusion of autophagosomes with lysosomes?. <i>Autophagy</i> , 2008, 4, 849-850.	4.3	422
42	SNARE Proteins Are Required for Macroautophagy. <i>Cell</i> , 2011, 146, 290-302.	13.5	418
43	An Atg9-containing compartment that functions in the early steps of autophagosome biogenesis. <i>Journal of Cell Biology</i> , 2010, 190, 1005-1022.	2.3	412
44	Autophagy-Dependent Ferroptosis: Machinery and Regulation. <i>Cell Chemical Biology</i> , 2020, 27, 420-435.	2.5	399
45	The return of the nucleus: transcriptional and epigenetic control of autophagy. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 65-74.	16.1	393
46	The Role of Autophagy in Parkinson's Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a009357-a009357.	2.9	377
47	Apg9p/Cvt7p Is an Integral Membrane Protein Required for Transport Vesicle Formation in the Cvt and Autophagy Pathways. <i>Journal of Cell Biology</i> , 2000, 148, 465-480.	2.3	362
48	Mitochondria removal by autophagy. <i>Autophagy</i> , 2011, 7, 297-300.	4.3	361
49	Autophagy revisited: A conversation with Christian de Duve. <i>Autophagy</i> , 2008, 4, 740-743.	4.3	351
50	Autophagy, Cytoplasm-to-Vacuole Targeting Pathway, and Pexophagy in Yeast and Mammalian Cells. <i>Annual Review of Biochemistry</i> , 2000, 69, 303-342.	5.0	343
51	Autophagic Processes in Yeast: Mechanism, Machinery and Regulation. <i>Genetics</i> , 2013, 194, 341-361.	1.2	327
52	Mechanism of Cargo Selection in the Cytoplasm to Vacuole Targeting Pathway. <i>Developmental Cell</i> , 2002, 3, 825-837.	3.1	326
53	Autophagy-dependent ferroptosis drives tumor-associated macrophage polarization via release and uptake of oncogenic KRAS protein. <i>Autophagy</i> , 2020, 16, 2069-2083.	4.3	319
54	Two Distinct Pathways for Targeting Proteins from the Cytoplasm to the Vacuole/Lysosome. <i>Journal of Cell Biology</i> , 1997, 139, 1687-1695.	2.3	315

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55	Cargo Proteins Facilitate the Formation of Transport Vesicles in the Cytoplasm to Vacuole Targeting Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 29889-29894.	1.6	311
56	Autophagy and Human Disease. <i>Cell Cycle</i> , 2007, 6, 1837-1849.	1.3	299
57	Mitophagy in Yeast Occurs through a Selective Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 32386-32393.	1.6	296
58	Clockophagy is a novel selective autophagy process favoring ferroptosis. <i>Science Advances</i> , 2019, 5, eaaw2238.	4.7	286
59	How to control self-digestion: transcriptional, post-transcriptional, and post-translational regulation of autophagy. <i>Trends in Cell Biology</i> , 2015, 25, 354-363.	3.6	283
60	The Cvt pathway as a model for selective autophagy. <i>FEBS Letters</i> , 2010, 584, 1359-1366.	1.3	280
61	The histone H4 lysine 16 acetyltransferase hMOF regulates the outcome of autophagy. <i>Nature</i> , 2013, 500, 468-471.	13.7	275
62	Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles. <i>Autophagy</i> , 2019, 15, 4-33.	4.3	266
63	Dissection of Autophagosome Biogenesis into Distinct Nucleation and Expansion Steps. <i>Journal of Cell Biology</i> , 2000, 151, 1025-1034.	2.3	264
64	Posttranslational modification of autophagy-related proteins in macroautophagy. <i>Autophagy</i> , 2015, 11, 28-45.	4.3	264
65	Autophagosomes: biogenesis from scratch?. <i>Current Opinion in Cell Biology</i> , 2005, 17, 415-422.	2.6	257
66	Autophagy and disease: unanswered questions. <i>Cell Death and Differentiation</i> , 2020, 27, 858-871.	5.0	256
67	A comprehensive glossary of autophagy-related molecules and processes (2 <sup>nd</sup> edition). <i>Autophagy</i> , 2011, 7, 1273-1294.	4.3	255
68	Convergence of Multiple Autophagy and Cytoplasm to Vacuole Targeting Components to a Perivacuolar Membrane Compartment Prior to de Novo Vesicle Formation. <i>Journal of Biological Chemistry</i> , 2002, 277, 763-773.	1.6	253
69	Cvt9/Gsa9 Functions in Sequestering Selective Cytosolic Cargo Destined for the Vacuole. <i>Journal of Cell Biology</i> , 2001, 153, 381-396.	2.3	244
70	Trs85 directs a Ypt1 GEF, TRAPP III, to the phagophore to promote autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7811-7816.	3.3	244
71	Atg11 Links Cargo to the Vesicle-forming Machinery in the Cytoplasm to Vacuole Targeting Pathway. <i>Molecular Biology of the Cell</i> , 2005, 16, 1593-1605.	0.9	243
72	Cvt19 Is a Receptor for the Cytoplasm-to-Vacuole Targeting Pathway. <i>Molecular Cell</i> , 2001, 7, 1131-1141.	4.5	241

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73	Potential function for the Huntingtin protein as a scaffold for selective autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16889-16894.	3.3	236
74	Dynamic regulation of macroautophagy by distinctive ubiquitin-like proteins. Nature Structural and Molecular Biology, 2014, 21, 336-345.	3.6	235
75	Genetic and Phenotypic Overlap between Autophagy and the Cytoplasm to Vacuole Protein Targeting Pathway. Journal of Biological Chemistry, 1996, 271, 17621-17624.	1.6	234
76	Atg9 Cycles Between Mitochondria and the Pre-Autophagosomal Structure in Yeasts. Autophagy, 2005, 1, 101-109.	4.3	234
77	Molecular Mechanisms of Autophagy in the Cardiovascular System. Circulation Research, 2015, 116, 456-467.	2.0	234
78	The Atg1 Kinase Complex Is Involved in the Regulation of Protein Recruitment to Initiate Sequestering Vesicle Formation for Nonspecific Autophagy in <i>Saccharomyces cerevisiae</i> . Molecular Biology of the Cell, 2008, 19, 668-681.	0.9	233
79	Aup1p, a Yeast Mitochondrial Protein Phosphatase Homolog, Is Required for Efficient Stationary Phase Mitophagy and Cell Survival. Journal of Biological Chemistry, 2007, 282, 5617-5624.	1.6	232
80	The Scaffold Protein Atg11 Recruits Fission Machinery to Drive Selective Mitochondria Degradation by Autophagy. Developmental Cell, 2013, 26, 9-18.	3.1	232
81	Atg22 Recycles Amino Acids to Link the Degradative and Recycling Functions of Autophagy. Molecular Biology of the Cell, 2006, 17, 5094-5104.	0.9	230
82	A Genomic Screen for Yeast Mutants Defective in Selective Mitochondria Autophagy. Molecular Biology of the Cell, 2009, 20, 4730-4738.	0.9	229
83	Mitochondrial DNA stress triggers autophagy-dependent ferroptotic death. Autophagy, 2021, 17, 948-960.	4.3	228
84	How to Live Long and Prosper: Autophagy, Mitochondria, and Aging. Physiology, 2008, 23, 248-262.	1.6	223
85	Protein Kinase A and Sch9 Cooperatively Regulate Induction of Autophagy in <i>Saccharomyces cerevisiae</i> . Molecular Biology of the Cell, 2007, 18, 4180-4189.	0.9	221
86	The Itinerary of a Vesicle Component, Aut7p/Cvt5p, Terminates in the Yeast Vacuole via the Autophagy/Cvt Pathways. Journal of Biological Chemistry, 2000, 275, 5845-5851.	1.6	209
87	Membrane Recruitment of Aut7p in the Autophagy and Cytoplasm to Vacuole Targeting Pathways Requires Aut1p, Aut2p, and the Autophagy Conjugation Complex. Journal of Cell Biology, 2001, 152, 51-64.	2.3	209
88	An overview of macroautophagy in yeast. Journal of Molecular Biology, 2016, 428, 1681-1699.	2.0	208
89	Atg17 Regulates the Magnitude of the Autophagic Response. Molecular Biology of the Cell, 2005, 16, 3438-3453.	0.9	207
90	Watch What You (Self-) Eat: Autophagic Mechanisms that Modulate Metabolism. Cell Metabolism, 2019, 29, 803-826.	7.2	206

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91	Apg7p/Cvt2p Is Required for the Cytoplasm-to-Vacuole Targeting, Macroautophagy, and Peroxisome Degradation Pathways. <i>Molecular Biology of the Cell</i> , 1999, 10, 1337-1351.	0.9	205
92	Apg13p and Vac8p Are Part of a Complex of Phosphoproteins That Are Required for Cytoplasm to Vacuole Targeting. <i>Journal of Biological Chemistry</i> , 2000, 275, 25840-25849.	1.6	205
93	Atg21 Is a Phosphoinositide Binding Protein Required for Efficient Lipidation and Localization of Atg8 during Uptake of Aminopeptidase I by Selective Autophagy. <i>Molecular Biology of the Cell</i> , 2004, 15, 3553-3566.	0.9	203
94	Endoplasmic Reticulum Stress: A New Pathway to Induce Autophagy. <i>Autophagy</i> , 2007, 3, 160-162.	4.3	200
95	The molecular mechanism of autophagy. <i>Molecular Medicine</i> , 2003, 9, 65-76.	1.9	197
96	Dual roles of Atg8~PE deconjugation by Atg4 in autophagy. <i>Autophagy</i> , 2012, 8, 883-892.	4.3	196
97	Cvt18/Gsa12 Is Required for Cytoplasm-to-Vacuole Transport, Pexophagy, and Autophagy in <i>Saccharomyces cerevisiae</i> and <i>Pichia pastoris</i> . <i>Molecular Biology of the Cell</i> , 2001, 12, 3821-3838.	0.9	195
98	Recruitment of Atg9 to the preautophagosomal structure by Atg11 is essential for selective autophagy in budding yeast. <i>Journal of Cell Biology</i> , 2006, 175, 925-935.	2.3	185
99	A role for Atg8~PE deconjugation in autophagosome biogenesis. <i>Autophagy</i> , 2012, 8, 780-793.	4.3	184
100	Autophagy in Yeast: A Review of the Molecular Machinery.. <i>Cell Structure and Function</i> , 2002, 27, 409-420.	0.5	180
101	Multiple roles of the cytoskeleton in autophagy. <i>Biological Reviews</i> , 2009, 84, 431-448.	4.7	180
102	The Ras/cAMP-dependent Protein Kinase Signaling Pathway Regulates an Early Step of the Autophagy Process in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 20663-20671.	1.6	179
103	Eating the endoplasmic reticulum: quality control by autophagy. <i>Trends in Cell Biology</i> , 2007, 17, 279-285.	3.6	179
104	The conserved oligomeric Golgi complex is involved in double-membrane vesicle formation during autophagy. <i>Journal of Cell Biology</i> , 2010, 188, 101-114.	2.3	179
105	The Mechanism and Physiological Function of Macroautophagy. <i>Journal of Innate Immunity</i> , 2013, 5, 427-433.	1.8	177
106	Cooperative Binding of the Cytoplasm to Vacuole Targeting Pathway Proteins, Cvt13 and Cvt20, to Phosphatidylinositol 3-Phosphate at the Pre-autophagosomal Structure Is Required for Selective Autophagy. <i>Journal of Biological Chemistry</i> , 2002, 277, 30198-30207.	1.6	176
107	PINK1 and PARK2 Suppress Pancreatic Tumorigenesis through Control of Mitochondrial Iron-Mediated Immunometabolism. <i>Developmental Cell</i> , 2018, 46, 441-455.e8.	3.1	176
108	Degradation of Lipid Vesicles in the Yeast Vacuole Requires Function of Cvt17, a Putative Lipase. <i>Journal of Biological Chemistry</i> , 2001, 276, 2083-2087.	1.6	175

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109	Autophagosomes, phagosomes, autolysosomes, phagolysosomes, autophagolysosomesâ€¦ Wait, Iâ€™m confused. <i>Autophagy</i> , 2014, 10, 549-551.	4.3	168
110	Assaying autophagic activity in transgenic GFP-Lc3 and GFP-Gabarap zebrafish embryos. <i>Autophagy</i> , 2009, 5, 520-526.	4.3	166
111	Aminopeptidase I Is Targeted to the Vacuole by a Nonclassical Vesicular Mechanism. <i>Journal of Cell Biology</i> , 1997, 138, 37-44.	2.3	164
112	Two MAPK-signaling pathways are required for mitophagy in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2011, 193, 755-767.	2.3	163
113	Atg27 Is Required for Autophagy-dependent Cycling of Atg9. <i>Molecular Biology of the Cell</i> , 2007, 18, 581-593.	0.9	162
114	Mutation in ATG5 reduces autophagy and leads to ataxia with developmental delay. <i>ELife</i> , 2016, 5, .	2.8	161
115	Post-Golgi Sec Proteins Are Required for Autophagy in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2010, 21, 2257-2269.	0.9	159
116	Chapter 1 Biochemical Methods to Monitor Autophagyâ€¢Related Processes in Yeast. <i>Methods in Enzymology</i> , 2008, 451, 1-26.	0.4	158
117	Autophagy in Yeast: Mechanistic Insights and Physiological Function. <i>Microbiology and Molecular Biology Reviews</i> , 2001, 65, 463-479.	2.9	155
118	Autophagy. <i>Current Biology</i> , 2005, 15, R282-R283.	1.8	154
119	Chemical Genetic Analysis of Apg1 Reveals A Non-kinase Role in the Induction of Autophagy. <i>Molecular Biology of the Cell</i> , 2003, 14, 477-490.	0.9	152
120	Approaching the Molecular Mechanism of Autophagy. <i>Traffic</i> , 2001, 2, 524-531.	1.3	151
121	Ferritinophagy and ferroptosis in the management of metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 444-462.	3.1	148
122	Vacuolar Localization of Oligomeric Î±-Mannosidase Requires the Cytoplasm to Vacuole Targeting and Autophagy Pathway Components in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 20491-20498.	1.6	145
123	How Shall I Eat Thee?. <i>Autophagy</i> , 2007, 3, 413-416.	4.3	145
124	A comprehensive glossary of autophagy-related molecules and processes. <i>Autophagy</i> , 2010, 6, 438-448.	4.3	144
125	Apg2 Is a Novel Protein Required for the Cytoplasm to Vacuole Targeting, Autophagy, and Pexophagy Pathways. <i>Journal of Biological Chemistry</i> , 2001, 276, 30442-30451.	1.6	142
126	A Diacylglycerol-Dependent Signaling Pathway Contributes to Regulation of Antibacterial Autophagy. <i>Cell Host and Microbe</i> , 2010, 8, 137-146.	5.1	141



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127	The Actin Cytoskeleton Is Required for Selective Types of Autophagy, but Not Nonspecific Autophagy, in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2005, 16, 5843-5856.	0.9	139
128	Glycolytic Enzymes Coalesce in G Bodies under Hypoxic Stress. <i>Cell Reports</i> , 2017, 20, 895-908.	2.9	139
129	Transport of a Large Oligomeric Protein by the Cytoplasm to Vacuole Protein Targeting Pathway. <i>Journal of Cell Biology</i> , 1997, 137, 609-618.	2.3	133
130	Chapter 3 The Quantitative Pho81 <sup>60</sup> Assay of Nonspecific Autophagy. <i>Methods in Enzymology</i> , 2008, 451, 33-42.	0.4	132
131	Autophagy wins the 2016 Nobel Prize in Physiology or Medicine: Breakthroughs in baker's yeast fuel advances in biomedical research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 201-205.	3.3	131
132	Early Stages of the Secretory Pathway, but Not Endosomes, Are Required for Cvt Vesicle and Autophagosome Assembly in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2004, 15, 2189-2204.	0.9	130
133	The molecular mechanism of mitochondria autophagy in yeast. <i>Molecular Microbiology</i> , 2010, 75, 795-800.	1.2	130
134	The variability of autophagy and cell death susceptibility. <i>Autophagy</i> , 2013, 9, 1270-1285.	4.3	126
135	AMPK-Dependent Phosphorylation of ULK1 Induces Autophagy. <i>Cell Metabolism</i> , 2011, 13, 119-120.	7.2	125
136	The regulation of aging: does autophagy underlie longevity?. <i>Trends in Cell Biology</i> , 2009, 19, 487-494.	3.6	123
137	BECN1 is a new driver of ferroptosis. <i>Autophagy</i> , 2018, 14, 2173-2175.	4.3	123
138	Phosphatidylinositol-3-Phosphate Clearance Plays a Key Role in Autophagosome Completion. <i>Current Biology</i> , 2012, 22, 1545-1553.	1.8	122
139	Regulation of autophagy: Modulation of the size and number of autophagosomes. <i>FEBS Letters</i> , 2014, 588, 2457-2463.	1.3	120
140	Molecular Mechanisms and Regulation of Specific and Nonspecific Autophagy Pathways in Yeast. <i>Journal of Biological Chemistry</i> , 2005, 280, 41785-41788.	1.6	118
141	Tumor heterogeneity in autophagy-dependent ferroptosis. <i>Autophagy</i> , 2021, 17, 3361-3374.	4.3	116
142	The Ccz1-Mon1 Protein Complex Is Required for the Late Step of Multiple Vacuole Delivery Pathways. <i>Journal of Biological Chemistry</i> , 2002, 277, 47917-47927.	1.6	114
143	Arp2 Links Autophagic Machinery with the Actin Cytoskeleton. <i>Molecular Biology of the Cell</i> , 2008, 19, 1962-1975.	0.9	111
144	Roles of the Lipid-binding Motifs of Atg18 and Atg21 in the Cytoplasm to Vacuole Targeting Pathway and Autophagy. <i>Journal of Biological Chemistry</i> , 2010, 285, 11476-11488.	1.6	109

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145	Quantitative analysis of autophagy-related protein stoichiometry by fluorescence microscopy. <i>Journal of Cell Biology</i> , 2008, 182, 129-140.	2.3	108
146	Yeast homotypic vacuole fusion requires the Ccz1-Mon1 complex during the tethering/docking stage. <i>Journal of Cell Biology</i> , 2003, 163, 973-985.	2.3	107
147	A Cycling Protein Complex Required for Selective Autophagy. <i>Autophagy</i> , 2007, 3, 422-432.	4.3	107
148	Targeting autophagy in ischemic stroke: From molecular mechanisms to clinical therapeutics. , 2021, 225, 107848.		105
149	Deletion of autophagy inducer <i>RB1CC1</i> results in degeneration of the retinal pigment epithelium. <i>Autophagy</i> , 2015, 11, 939-953.	4.3	103
150	Antibacterial autophagy occurs at PI(3)P-enriched domains of the endoplasmic reticulum and requires Rab1 GTPase. <i>Autophagy</i> , 2011, 7, 17-26.	4.3	102
151	Autophagy and p70S6 Kinase. <i>Autophagy</i> , 2005, 1, 59-61.	4.3	101
152	Self-Interaction Is Critical for Atg9 Transport and Function at the Phagophore Assembly Site during Autophagy. <i>Molecular Biology of the Cell</i> , 2008, 19, 5506-5516.	0.9	101
153	Regulation of macroautophagy in <i>Saccharomyces cerevisiae</i> . <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 664-670.	2.3	101
154	Ume6 transcription factor is part of a signaling cascade that regulates autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11206-11210.	3.3	100
155	Rph1/KDM4 Mediates Nutrient-Limitation Signaling that Leads to the Transcriptional Induction of Autophagy. <i>Current Biology</i> , 2015, 25, 546-555.	1.8	96
156	Autophagic degradation of the circadian clock regulator promotes ferroptosis. <i>Autophagy</i> , 2019, 15, 2033-2035.	4.3	96
157	V1-situated Stalk Subunits of the Yeast Vacuolar Proton-translocating ATPase. <i>Journal of Biological Chemistry</i> , 1997, 272, 26787-26793.	1.6	94
158	Regulated self-cannibalism. <i>Nature</i> , 2004, 431, 31-32.	13.7	94
159	Delivery of proteins and organelles to the vacuole from the cytoplasm. <i>Current Opinion in Cell Biology</i> , 1998, 10, 523-529.	2.6	93
160	Noncanonical E2 recruitment by the autophagy E1 revealed by Atg7-Atg3 and Atg7-Atg10 structures. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1242-1249.	3.6	92
161	Vps51 Is Part of the Yeast Vps Fifty-three Tethering Complex Essential for Retrograde Traffic from the Early Endosome and Cvt Vesicle Completion. <i>Journal of Biological Chemistry</i> , 2003, 278, 5009-5020.	1.6	91
162	SnapShot: Selective Autophagy. <i>Cell</i> , 2013, 152, 368-368.e2.	13.5	91

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164	Regulation and function of autophagy in pancreatic cancer. <i>Autophagy</i> , 2021, 17, 3275-3296.	4.3	89
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