

# Daniel J Klionsky

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Bidirectional roles of the Ccr4-Not complex in regulating autophagy before and after nitrogen starvation. <i>Autophagy</i> , 2023, 19, 415-425.	4.3	4
2	Upstream open reading frames mediate autophagy-related protein translation. <i>Autophagy</i> , 2023, 19, 457-473.	4.3	3
3	Identification of HPCAL1 as a specific autophagy receptor involved in ferroptosis. <i>Autophagy</i> , 2023, 19, 54-74.	4.3	44
4	Autophagy in age-related macular degeneration. <i>Autophagy</i> , 2023, 19, 388-400.	4.3	56
5	Mutations in V-ATPase in follicular lymphoma activate autophagic flux creating a targetable dependency. <i>Autophagy</i> , 2023, 19, 716-719.	4.3	1
6	An intrinsically disordered protein region encoded by the human disease gene <i>CLEC16A</i> regulates mitophagy. <i>Autophagy</i> , 2023, 19, 525-543.	4.3	4
7	Current opinions on mitophagy in fungi. <i>Autophagy</i> , 2023, 19, 747-757.	4.3	9
8	Ion Channels and Transporters in Autophagy. <i>Autophagy</i> , 2022, 18, 4-23.	4.3	17
9	The role of autophagy in cardiovascular pathology. <i>Cardiovascular Research</i> , 2022, 118, 934-950.	1.8	34
10	Quantification of Autophagosome Size and Formation Rate by Electron and Fluorescence Microscopy in Baker's Yeast. <i>Neuromethods</i> , 2022, , 1-12.	0.2	0
11	Vorinostat in autophagic cell death: A critical insight into autophagy-mediated, -associated and -dependent cell death for cancer prevention. <i>Drug Discovery Today</i> , 2022, 27, 269-279.	3.2	24
12	Erwin Knecht "the intelligent and mad, funny and grumpy man of autophagy. <i>Autophagy</i> , 2022, 18, 711-725.	4.3	0
13	The necessity of nucleophagic modality. <i>Autophagy</i> , 2022, 18, 443-448.	4.3	2
14	The role of autophagy in the pathogenesis of SARS-CoV-2 infection in different cell types. <i>Autophagy</i> , 2022, 18, 1728-1731.	4.3	10
15	A neurodegeneration gene, <i>WDR45</i> , links impaired ferritinophagy to iron accumulation. <i>Journal of Neurochemistry</i> , 2022, 160, 356-375.	2.1	17
16	Post-transcriptional regulation of <i>ATG1</i> is a critical node that modulates autophagy during distinct nutrient stresses. <i>Autophagy</i> , 2022, 18, 1694-1714.	4.3	8
17	Melatonin-based therapeutics for atherosclerotic lesions and beyond: Focusing on macrophage mitophagy. <i>Pharmacological Research</i> , 2022, 176, 106072.	3.1	20
18	ER stress in obesity pathogenesis and management. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 97-109.	4.0	42

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19	How Cells Deal with the Fluctuating Environment: Autophagy Regulation under Stress in Yeast and Mammalian Systems. <i>Antioxidants</i> , 2022, 11, 304.	2.2	15
20	The RB1CC1 Claw-binding motif: a new piece in the puzzle of autophagy regulation. <i>Autophagy</i> , 2022, 18, 237-239.	4.3	1
21	Intermittent time-restricted feeding promotes longevity through circadian autophagy. <i>Autophagy</i> , 2022, 18, 471-472.	4.3	7
22	Wait, can you remind me just why we need another journal focused on autophagy?. , 2022, 1, 1-4.		1
23	Follicular lymphoma-associated mutations in the V-ATPase chaperone VMA21 activate autophagy creating a targetable dependency. <i>Autophagy</i> , 2022, 18, 1982-2000.	4.3	9
24	Targeting autophagy in prostate cancer: preclinical and clinical evidence for therapeutic response. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 105.	3.5	67
25	Autophagopathies: from autophagy gene polymorphisms to precision medicine for human diseases. <i>Autophagy</i> , 2022, 18, 2519-2536.	4.3	11
26	Targeting autophagy, oxidative stress, and ER stress for neurodegenerative disease treatment. <i>Journal of Controlled Release</i> , 2022, 345, 147-175.	4.8	65
27	DCN released from ferroptotic cells ignites AGER-dependent immune responses. <i>Autophagy</i> , 2022, 18, 2036-2049.	4.3	51
28	New regulators of PRKN-independent mitophagy. <i>Autophagy</i> , 2022, 18, 1-3.	4.3	3
29	Dimerization-dependent membrane tethering by Atg23 is essential for yeast autophagy. <i>Cell Reports</i> , 2022, 39, 110702.	2.9	8
30	Hitchhikerâ€™s guide through the axon: transport and local translation of <i>Pink1</i> mRNA support axonal mitophagy. <i>Autophagy</i> , 2022, , 1-2.	4.3	0
31	Autophagy regulation by RNA alternative splicing and implications in human diseases. <i>Nature Communications</i> , 2022, 13, 2735.	5.8	12
32	Follicular lymphoma-associated mutations in the V-ATPase chaperone Vma21 activate autophagy by dysfunctional V-ATPase assembly. , 2022, 1, 226-233.		0
33	Induction of autophagy-dependent ferroptosis to eliminate drug-tolerant human retinoblastoma cells. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	29
34	CCT2, a newly identified aggrephagy receptor in mammals, specifically mediates the autophagic clearance of solid protein aggregates. <i>Autophagy</i> , 2022, 18, 1483-1485.	4.3	7
35	Life and Death Decisionsâ€™The Many Faces of Autophagy in Cell Survival and Cell Death. <i>Biomolecules</i> , 2022, 12, 866.	1.8	16
36	A â€œshort-cutâ€ response of autophagy to oxidative stress: oxygen-dependent activity of a lysine demethylase guides the activity of ULK1 during hypoxia. <i>Autophagy</i> , 2022, 18, 1749-1751.	4.3	3

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37	The coordination of V-ATPase and ATG16L1 is part of a common mechanism of non-canonical autophagy. <i>Autophagy</i> , 2022, 18, 2267-2269.	4.3	3
38	Regulation and function of autophagy in pancreatic cancer. <i>Autophagy</i> , 2021, 17, 3275-3296.	4.3	89
39	Ferroptosis: machinery and regulation. <i>Autophagy</i> , 2021, 17, 2054-2081.	4.3	765
40	Vac8 determines phagophore assembly site vacuolar localization during nitrogen starvation-induced autophagy. <i>Autophagy</i> , 2021, 17, 1636-1648.	4.3	22
41	Sex differences in autophagy-mediated diseases: toward precision medicine. <i>Autophagy</i> , 2021, 17, 1065-1076.	4.3	44
42	Mitochondrial DNA stress triggers autophagy-dependent ferroptotic death. <i>Autophagy</i> , 2021, 17, 948-960.	4.3	228
43	Elevating PI3P drives select downstream membrane trafficking pathways. <i>Molecular Biology of the Cell</i> , 2021, 32, 143-156.	0.9	15
44	A novel reticulophagy receptor, Epr1: a bridge between the phagophore protein Atg8 and ER transmembrane VAP proteins. <i>Autophagy</i> , 2021, 17, 597-598.	4.3	3
45	Autophagy under construction: insights from in vitro reconstitution of autophagosome nucleation. <i>Autophagy</i> , 2021, 17, 383-384.	4.3	4
46	Tumor heterogeneity in autophagy-dependent ferroptosis. <i>Autophagy</i> , 2021, 17, 3361-3374.	4.3	116
47	Did evolution choose Atg11 as the scaffolding platform beyond selective autophagy?. <i>Autophagy</i> , 2021, 17, 835-836.	4.3	0
48	Cell Death   Autophagy in Fungi and Mammals. , 2021, , 20-26.		0
49	Adaptive immunity at the crossroads of autophagy and metabolism. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1096-1105.	4.8	26
50	ER Stress in Cardiometabolic Diseases: From Molecular Mechanisms to Therapeutics. <i>Endocrine Reviews</i> , 2021, 42, 839-871.	8.9	38
51	New functions of a known autophagy regulator: VCP and autophagy initiation. <i>Autophagy</i> , 2021, 17, 1063-1064.	4.3	4
52	Membrane Binding and Homodimerization of Atg16 Via Two Distinct Protein Regions is Essential for Autophagy in Yeast. <i>Journal of Molecular Biology</i> , 2021, 433, 166809.	2.0	12
53	Incomplete mitophagy in the mevalonate kinase-deficient <i>Saccharomyces cerevisiae</i> and its relation to the MKD-related autoinflammatory disease in humans. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166053.	1.8	1
54	Moments in autophagy and disease: Past and present. <i>Molecular Aspects of Medicine</i> , 2021, 82, 100966.	2.7	22

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55	ATG4-family proteins drive phagophore growth independently of the LC3/CABARAP lipidation system. <i>Autophagy</i> , 2021, 17, 1293-1295.	4.3	3
56	Not lowering the bar, just providing a step stool. <i>Autophagy</i> , 2021, 17, 1569-1570.	4.3	1
57	Multiple structural rearrangements mediated by high-plasticity regions in Atg3 are key for efficient conjugation of Atg8 to PE during autophagy. <i>Autophagy</i> , 2021, 17, 1805-1808.	4.3	10
58	Ferritinophagy and ferroptosis in the management of metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 444-462.	3.1	148
59	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
60	Yeast mitophagy: Unanswered questions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129932.	1.1	7
61	Autophagy inhibition by targeting PIKfyve potentiates response to immune checkpoint blockade in prostate cancer. <i>Nature Cancer</i> , 2021, 2, 978-993.	5.7	52
62	An AMPK-ULK1-PIKFYVE signaling axis for PtdIns5P-dependent autophagy regulation upon glucose starvation. <i>Autophagy</i> , 2021, 17, 2663-2664.	4.3	4
63	The expanding role of Atg8. <i>Autophagy</i> , 2021, 17, 3273-3274.	4.3	8
64	Targeting autophagy in ischemic stroke: From molecular mechanisms to clinical therapeutics. , 2021, 225, 107848.		105
65	Nutrition acquisition by human immunity, transient overnutrition and the cytokine storm in severe cases of COVID-19. <i>Medical Hypotheses</i> , 2021, 155, 110668.	0.8	9
66	A perspective on the role of autophagy in cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166262.	1.8	54
67	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 1,430	4.3	1,430
68	Downregulation of autophagy by Met30-mediated Atg9 ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
69	Look youse guys and gals, dat just ainâ€™t right. <i>Autophagy</i> , 2021, 17, 3895-3896.	4.3	2
70	Autophagy: The Potential Link between SARS-CoV-2 and Cancer. <i>Cancers</i> , 2021, 13, 5721.	1.7	17
71	The Emerging Roles of Autophagy in Human Diseases. <i>Biomedicines</i> , 2021, 9, 1651.	1.4	23
72	Ferroptosis is a type of autophagy-dependent cell death. <i>Seminars in Cancer Biology</i> , 2020, 66, 89-100.	4.3	552

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73	A novel role of UBQLNs (ubiquilins) in regulating autophagy, MTOR signaling and v-ATPase function. <i>Autophagy</i> , 2020, 16, 1-2.	4.3	56
74	The Paf1 complex transcriptionally regulates the mitochondrial-anchored protein Atg32 leading to activation of mitophagy. <i>Autophagy</i> , 2020, 16, 1366-1379.	4.3	26
75	How bacteria can block xenophagy: an insight from <i>Salmonella</i> . <i>Autophagy</i> , 2020, 16, 193-194.	4.3	6
76	The carboxy terminus of yeast Atg13 binds phospholipid membrane via motifs that overlap with the Vac8-interacting domain. <i>Autophagy</i> , 2020, 16, 1007-1020.	4.3	17
77	The transcription factor Spt4-Spt5 complex regulates the expression of <i>ATG8</i> and <i>ATG41</i> . <i>Autophagy</i> , 2020, 16, 1172-1185.	4.3	9
78	At a glance: A history of autophagy and cancer. <i>Seminars in Cancer Biology</i> , 2020, 66, 3-11.	4.3	70
79	Allosteric regulation through a switch element in the autophagy E2, Atg3. <i>Autophagy</i> , 2020, 16, 183-184.	4.3	10
80	On the relevance of precision autophagy flux control <i>in vivo</i> – Points of departure for clinical translation. <i>Autophagy</i> , 2020, 16, 750-762.	4.3	18
81	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
82	Autophagy and disease: unanswered questions. <i>Cell Death and Differentiation</i> , 2020, 27, 858-871.	5.0	256
83	The curious case of polyamines: spermidine drives reversal of B cell senescence. <i>Autophagy</i> , 2020, 16, 389-390.	4.3	5
84	Extracellular SQSTM1 mediates bacterial septic death in mice through insulin receptor signalling. <i>Nature Microbiology</i> , 2020, 5, 1576-1587.	5.9	45
85	A multifactorial score including autophagy for prognosis and care of COVID-19 patients. <i>Autophagy</i> , 2020, 16, 2276-2281.	4.3	11
86	Chloroquine in fighting COVID-19: good, bad, or both?. <i>Autophagy</i> , 2020, 16, 2273-2275.	4.3	15
87	NPC-phagy: selective autophagy of the nuclear pore complexes. <i>Autophagy</i> , 2020, 16, 1735-1736.	4.3	5
88	Extracellular SQSTM1 as an inflammatory mediator. <i>Autophagy</i> , 2020, 16, 2313-2315.	4.3	25
89	Structure of human ATG9A: how holey art thou?. <i>Autophagy</i> , 2020, 16, 1929-1931.	4.3	0
90	The Roles of Ubiquitin in Mediating Autophagy. <i>Cells</i> , 2020, 9, 2025.	1.8	68

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91	Highlights in the fight against COVID-19: does autophagy play a role in SARS-CoV-2 infection? Autophagy, 2020, 16, 2123-2127.	4.3	27
92	The LC3-conjugation machinery specifies cargo loading and secretion of extracellular vesicles. Autophagy, 2020, 16, 1169-1171.	4.3	10
93	New tricks of an old autophagy regulator: AMPK-dependent regulation of autophagy through CCNY (cyclin Y)-CDK16. Autophagy, 2020, 16, 973-974.	4.3	7
94	Open questions for harnessing autophagy-modulating drugs in the SARS-CoV-2 war: hope or hype?. Autophagy, 2020, 16, 2267-2270.	4.3	18
95	Autophagy as an emerging target for COVID-19: lessons from an old friend, chloroquine. Autophagy, 2020, 16, 2260-2266.	4.3	54
96	Phosphorylation of ULK1 serine 746 dictates ATG5-independent autophagy. Autophagy, 2020, 16, 1557-1558.	4.3	4
97	Autophagy and SARS-CoV-2 infection: A possible smart targeting of the autophagy pathway. Virulence, 2020, 11, 805-810.	1.8	79
98	Autophagy/virophagy: a "disposal strategy" to combat COVID-19. Autophagy, 2020, 16, 2271-2272.	4.3	28
99	Scission, a critical step in autophagosome formation. Autophagy, 2020, 16, 1363-1365.	4.3	1
100	Autophagy-Dependent Ferroptosis: Machinery and Regulation. Cell Chemical Biology, 2020, 27, 420-435.	2.5	399
101	A separation that's for the best: coming together at the PAS. Cell Research, 2020, 30, 372-373.	5.7	4
102	Canonical and Noncanonical Autophagy as Potential Targets for COVID-19. Cells, 2020, 9, 1619.	1.8	60
103	Autophagy participates in, well, just about everything. Cell Death and Differentiation, 2020, 27, 831-832.	5.0	29
104	As (and when) you like it: on-demand phospholipid synthesis drives phagophore expansion during autophagy. Autophagy, 2020, 16, 779-781.	4.3	0
105	Old factors, new players: transcriptional regulation of autophagy. Autophagy, 2020, 16, 956-958.	4.3	11
106	Molecular dynamics simulations reveal how the reticulon-homology domain of the autophagy receptor RETREG1/FAM134B remodels membranes for efficient selective reticulophagy. Autophagy, 2020, 16, 585-588.	4.3	5
107	TORC1 regulates vacuole membrane composition through ubiquitin- and ESCRT-dependent microautophagy. Journal of Cell Biology, 2020, 219, .	2.3	47
108	Teaching the telephone book. Biochemistry and Molecular Biology Education, 2019, 47, 106-106.	0.5	0

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109	A switch element in the autophagy E2 Atg3 mediates allosteric regulation across the lipidation cascade. <i>Nature Communications</i> , 2019, 10, 3600.	5.8	36
110	Found art: the yeast vacuole. <i>Autophagy</i> , 2019, 15, 1638-1644.	4.3	0
111	Gene essentiality of Tubgcp4: dosage effect and autophagy regulation in retinal photoreceptors. <i>Autophagy</i> , 2019, 15, 1834-1837.	4.3	3
112	Clockophagy is a novel selective autophagy process favoring ferroptosis. <i>Science Advances</i> , 2019, 5, eaaw2238.	4.7	286
113	TEX264 is a major receptor for mammalian reticulophagy. <i>Autophagy</i> , 2019, 15, 1677-1681.	4.3	28
114	Psp2, a novel regulator of autophagy that promotes autophagy-related protein translation. <i>Cell Research</i> , 2019, 29, 994-1008.	5.7	23
115	Autophagic degradation of the circadian clock regulator promotes ferroptosis. <i>Autophagy</i> , 2019, 15, 2033-2035.	4.3	96
116	PP2C phosphatases promote autophagy by dephosphorylation of the Atg1 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1613-1620.	3.3	48
117	Spatially distinct pools of TORC1 balance protein homeostasis. <i>Autophagy</i> , 2019, 15, 561-564.	4.3	8
118	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019, 15, 1829-1833.	4.3	0
119	The “found-art vacuole” people learn in different ways. <i>Autophagy</i> , 2019, 15, 1493-1494.	4.3	1
120	2020 Is not that far away, which means it is time for the new guidelines. <i>Autophagy</i> , 2019, 15, 1129-1129.	4.3	4
121	UIM-UDS: a new interface between ATG8 and its interactors. <i>Cell Research</i> , 2019, 29, 507-508.	5.7	5
122	Bidirectional roles of Dhh1 in regulating autophagy. <i>Autophagy</i> , 2019, 15, 1838-1839.	4.3	6
123	The Pat1-Lsm complex prevents 3' to 5' degradation of a specific subset of <i>ATG</i> mRNAs during nitrogen starvation-induced autophagy. <i>Autophagy</i> , 2019, 15, 750-751.	4.3	3
124	Endoplasmic Reticulum-Mitochondria Contacts Are Required for Pexophagy in <i>Saccharomyces cerevisiae</i> . <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2019, 2, 251525641882158.	0.4	12
125	Dhh1 promotes autophagy-related protein translation during nitrogen starvation. <i>PLoS Biology</i> , 2019, 17, e3000219.	2.6	30
126	Watch What You (Self-) Eat: Autophagic Mechanisms that Modulate Metabolism. <i>Cell Metabolism</i> , 2019, 29, 803-826.	7.2	206



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127	Towards understanding mRNA-binding protein specificity: lessons from post-transcriptional regulation of ATG mRNA during nitrogen starvation-induced autophagy. <i>Current Genetics</i> , 2019, 65, 847-849.	0.8	4
128	Podocytes and autophagy: a potential therapeutic target in lupus nephritis. <i>Autophagy</i> , 2019, 15, 908-912.	4.3	64
129	Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles. <i>Autophagy</i> , 2019, 15, 4-33.	4.3	266
130	On the edge of degradation: Autophagy regulation by RNA decay. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019, 10, e1522.	3.2	11
131	Regulation of JMY's actin nucleation activity by TTC5/STRAP and LC3 during autophagy. <i>Autophagy</i> , 2019, 15, 373-374.	4.3	8
132	Vacuolar hydrolysis and efflux: current knowledge and unanswered questions. <i>Autophagy</i> , 2019, 15, 212-227.	4.3	26
133	Inflammatory-dependent Sting activation induces antiviral autophagy to limit zika virus in the <i>Drosophila</i> brain. <i>Autophagy</i> , 2019, 15, 1-3.	4.3	38
134	The Pat1-Lsm Complex Stabilizes ATG mRNA during Nitrogen Starvation-Induced Autophagy. <i>Molecular Cell</i> , 2019, 73, 314-324.e4.	4.5	28
135	Mitochondrial quality control mediated by PINK1 and PRKN: links to iron metabolism and tumor immunity. <i>Autophagy</i> , 2019, 15, 172-173.	4.3	53
136	Follicular lymphoma-associated mutations in vacuolar ATPase ATP6V1B2 activate autophagic flux and mTOR. <i>Journal of Clinical Investigation</i> , 2019, 129, 1626-1640.	3.9	23
137	The exoribonuclease Xrn1 is a post-transcriptional negative regulator of autophagy. <i>Autophagy</i> , 2018, 14, 898-912.	4.3	30
138	Cargo recognition and degradation by selective autophagy. <i>Nature Cell Biology</i> , 2018, 20, 233-242.	4.6	789
139	Genetic aberrations in macroautophagy genes leading to diseases. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 803-816.	1.9	49
140	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
141	An Autophagy-Independent Role for ATG41 in Sulfur Metabolism During Zinc Deficiency. <i>Genetics</i> , 2018, 208, 1115-1130.	1.2	6
142	Autophagy and inflammation: A special review issue. <i>Autophagy</i> , 2018, 14, 179-180.	4.3	72
143	Transcriptional and post-transcriptional regulation of autophagy in the yeast <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 5396-5403.	1.6	51
144	Ion channels in the regulation of autophagy. <i>Autophagy</i> , 2018, 14, 3-21.	4.3	77

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145	Regulation of autophagic lysosome reformation by kinesin 1, clathrin and phosphatidylinositol-4,5-bisphosphate. <i>Autophagy</i> , 2018, 14, 1-2.	4.3	57
146	Secretory autophagy holds the key to lysozyme secretion during bacterial infection of the intestine. <i>Autophagy</i> , 2018, 14, 365-367.	4.3	21
147	Structural basis for extremely strong binding affinity of giant ankyrins to LC3/GABARAP and its application in the inhibition of autophagy. <i>Autophagy</i> , 2018, 14, 1847-1849.	4.3	2
148	MAP1A/BLC3? Now I am really confused. <i>Autophagy</i> , 2018, 14, 2033-2034.	4.3	0
149	An atypical BAR domain protein in autophagy. <i>Autophagy</i> , 2018, 14, 1155-1156.	4.3	1
150	Why do we need autophagy? A cartoon depiction. <i>Autophagy</i> , 2018, 14, 739-742.	4.3	11
151	Inhibiting autophagy reduces retinal degeneration caused by protein misfolding. <i>Autophagy</i> , 2018, 14, 1226-1238.	4.3	81
152	Autophagy, Inflammation, and Metabolism (AIM) Center of Biomedical Research Excellence: supporting the next generation of autophagy researchers and fostering international collaborations. <i>Autophagy</i> , 2018, 14, 925-929.	4.3	3
153	Functions of the COPII gene paralogs SEC23A and SEC23B are interchangeable in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7748-E7757.	3.3	58
154	<i>Plasmodium</i> protein UIS3 protects the parasite from autophagy clearance. <i>Autophagy</i> , 2018, 14, 1291-1292.	4.3	6
155	Finding a ribophagy receptor. <i>Autophagy</i> , 2018, 14, 1479-1480.	4.3	4
156	A newly characterized vacuolar serine carboxypeptidase, Atg42/Ybr139w, is required for normal vacuole function and the terminal steps of autophagy in the yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2018, 29, 1089-1099.	0.9	60
157	AMPK-Mediated BECN1 Phosphorylation Promotes Ferroptosis by Directly Blocking System X <sup>c-</sup> Activity. <i>Current Biology</i> , 2018, 28, 2388-2399.e5.	1.8	471
158	The phagophore in four dimensions—a study in wood. <i>Autophagy</i> , 2018, 14, 1674-1676.	4.3	2
159	BECN1 is a new driver of ferroptosis. <i>Autophagy</i> , 2018, 14, 2173-2175.	4.3	123
160	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
161	Why do we need to regulate autophagy (and how can we do it)? A cartoon depiction. <i>Autophagy</i> , 2018, 14, 1661-1664.	4.3	8
162	CCPG1 is a noncanonical autophagy cargo receptor essential for reticulophagy and pancreatic ER proteostasis. <i>Autophagy</i> , 2018, 14, 1107-1109.	4.3	14

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163	A pathway of targeted autophagy is induced by DNA damage in budding yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1158-E1167.	3.3	52
164	The molecular mechanism of Atg13 function in autophagy induction: What is hidden behind the data?. <i>Autophagy</i> , 2017, 13, 449-451.	4.3	15
165	Autophagic membrane delivery through ATG9. <i>Cell Research</i> , 2017, 27, 161-162.	5.7	44
166	PHB2/prohibitin 2: An inner membrane mitophagy receptor. <i>Cell Research</i> , 2017, 27, 311-312.	5.7	45
167	Does relevancy matter?. <i>Biochemistry and Molecular Biology Education</i> , 2017, 45, 377-378.	0.5	2
168	Direct quantification of autophagic flux by a single molecule-based probe. <i>Autophagy</i> , 2017, 13, 639-641.	4.3	19
169	Augmenting brain metabolism to increase macro- and chaperone-mediated autophagy for decreasing neuronal proteotoxicity and aging. <i>Progress in Neurobiology</i> , 2017, 156, 90-106.	2.8	52
170	Blame it on Southern, but it's a western blot. <i>Autophagy</i> , 2017, 13, 1-2.	4.3	23
171	A novel role for a glycolytic pathway kinase in regulating autophagy has implications in cancer therapy. <i>Autophagy</i> , 2017, 13, 1091-1092.	4.3	18
172	Functional impairment in RHOT1/Miro1 degradation and mitophagy is a shared feature in familial and sporadic Parkinson disease. <i>Autophagy</i> , 2017, 13, 1259-1261.	4.3	15
173	MitoPho8 <sup>+</sup> 60 Assay as a Tool to Quantitatively Measure Mitophagy Activity. <i>Methods in Molecular Biology</i> , 2017, 1759, 85-93.	0.4	6
174	HS1BP3 provides a novel mechanism of negative autophagy regulation through membrane lipids. <i>Autophagy</i> , 2017, 13, 779-780.	4.3	3
175	Xenophagy: A battlefield between host and microbe, and a possible avenue for cancer treatment. <i>Autophagy</i> , 2017, 13, 223-224.	4.3	44
176	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
177	Conserved and unique features of the fission yeast core Atg1 complex. <i>Autophagy</i> , 2017, 13, 2018-2027.	4.3	21
178	BRD4 is a newly characterized transcriptional regulator that represses autophagy and lysosomal function. <i>Autophagy</i> , 2017, 13, 1801-1803.	4.3	35
179	The puncta enigma. <i>Autophagy</i> , 2017, 13, 1471-1471.	4.3	0
180	Glycolytic Enzymes Coalesce in G Bodies under Hypoxic Stress. <i>Cell Reports</i> , 2017, 20, 895-908.	2.9	139

#	ARTICLE	IF	CITATIONS
181	Receptors make the pathway choice for protein degradation. <i>Autophagy</i> , 2017, 13, 1617-1618.	4.3	5
182	Education is the Only Business Where the Customer is Satisfied with Less of the Product. <i>Journal of Microbiology and Biology Education</i> , 2017, 18, .	0.5	1
183	Structure and function of yeast Atg20, a sorting nexin that facilitates autophagy induction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10112-E10121.	3.3	34
184	Autophagy regulates DNA repair through SQSTM1/p62. <i>Autophagy</i> , 2017, 13, 995-996.	4.3	25
185	Autolysosome biogenesis and developmental senescence are regulated by both Spns1 and v-ATPase. <i>Autophagy</i> , 2017, 13, 386-403.	4.3	49
186	New insights into MTORC1 amino acid sensing and activation. <i>Biotarget</i> , 2017, 1, 2-2.	0.5	1
187	Overlap of SEC23A and SEC23B Function Suggests a Novel Therapeutic Approach for Congenital Dyserythropoietic Anemia Type II. <i>Blood</i> , 2017, 130, 80-80.	0.6	1
188	Autophagy: machinery and regulation. <i>Microbial Cell</i> , 2016, 3, 588-596.	1.4	461
189	miR-30e Blocks Autophagy and Acts Synergistically with Proanthocyanidin for Inhibition of AVEN and BIRC6 to Increase Apoptosis in Glioblastoma Stem Cells and Glioblastoma SNB19 Cells. <i>PLoS ONE</i> , 2016, 11, e0158537.	1.1	27
190	Phosphorylation of Atg9 regulates movement to the phagophore assembly site and the rate of autophagosome formation. <i>Autophagy</i> , 2016, 12, 648-658.	4.3	68
191	Autophagy is a key factor in maintaining the regenerative capacity of muscle stem cells by promoting quiescence and preventing senescence. <i>Autophagy</i> , 2016, 12, 617-618.	4.3	27
192	Seeking punctuation clarityâ€”that is, the proper use of the hyphen and dashesâ€”for publishing in <i>Autophagy</i> . <i>Autophagy</i> , 2016, 12, 449-450.	4.3	3
193	A role of autophagy in spinocerebellar ataxiaâ€”Rare exception or general principle?. <i>Autophagy</i> , 2016, 12, 1208-1209.	4.3	0
194	Opening new doors in autophagy research: Patrice Codogno. <i>Autophagy</i> , 2016, 12, 1063-1068.	4.3	0
195	Downregulation of autophagy through CUL3-KLHL20-mediated turnover of the ULK1 and PIK3C3/VPS34 complexes. <i>Autophagy</i> , 2016, 12, 1071-1072.	4.3	3
196	The proteasome subunit RPN10 functions as a specific receptor for degradation of the 26S proteasome by macroautophagy in <i>Arabidopsis</i> . <i>Autophagy</i> , 2016, 12, 905-906.	4.3	11
197	An unconventional pathway for mitochondrial protein degradation. <i>Autophagy</i> , 2016, 12, 1971-1972.	4.3	9
198	Autophagy promotes cell motility by driving focal adhesion turnover. <i>Autophagy</i> , 2016, 12, 1685-1686.	4.3	18

#	ARTICLE	IF	CITATIONS
199	Autophagy regulates cytoplasmic remodeling during cell reprogramming in a zebrafish model of muscle regeneration. <i>Autophagy</i> , 2016, 12, 1864-1875.	4.3	54
200	Autophagy core machinery: overcoming spatial barriers in neurons. <i>Journal of Molecular Medicine</i> , 2016, 94, 1217-1227.	1.7	87
201	Alternative autophagy, brefeldin A and viral trafficking pathways. <i>Autophagy</i> , 2016, 12, 1429-1430.	4.3	15
202	Autophagy-mediated catabolism of visual transduction proteins prevents retinal degeneration. <i>Autophagy</i> , 2016, 12, 2439-2450.	4.3	37
203	A novel PINK1- and PARK2-dependent protective neuroimmune pathway in lethal sepsis. <i>Autophagy</i> , 2016, 12, 2374-2385.	4.3	78
204	Recurrent Mutations in the MTOR Regulator RRAGC in Follicular Lymphoma. <i>Clinical Cancer Research</i> , 2016, 22, 5383-5393.	3.2	36
205	The Atg17-Atg31-Atg29 Complex Coordinates with Atg11 to Recruit the Vam7 SNARE and Mediate Autophagosome-Vacuole Fusion. <i>Current Biology</i> , 2016, 26, 150-160.	1.8	45
206	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
207	The Atg17-Atg31-Atg29 complex and Atg11 regulate autophagosome-vacuole fusion. <i>Autophagy</i> , 2016, 12, 894-895.	4.3	12
208	Stepping back from the guidelines: Where do we stand?. <i>Autophagy</i> , 2016, 12, 223-224.	4.3	16
209	Developing a set of guidelines for your research field: a practical approach. <i>Molecular Biology of the Cell</i> , 2016, 27, 733-738.	0.9	17
210	An overview of macroautophagy in yeast. <i>Journal of Molecular Biology</i> , 2016, 428, 1681-1699.	2.0	208
211	Tor-dependent post-transcriptional regulation of autophagy: Implications for cancer therapeutics. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1078923.	0.3	2
212	The AMPK-SKP2-CARM1 axis links nutrient sensing to transcriptional and epigenetic regulation of autophagy. <i>Annals of Translational Medicine</i> , 2016, 4, S7-S7.	0.7	10
213	Mutation in ATG5 reduces autophagy and leads to ataxia with developmental delay. <i>ELife</i> , 2016, 5, .	2.8	161
214	Functional Analyses of V-Atpase Mutations in Follicular Lymphoma. <i>Blood</i> , 2016, 128, 1762-1762.	0.6	0
215	Post-translationally modified structures in the autophagy machinery: an integrative perspective. <i>FEBS Journal</i> , 2015, 282, 3474-3488.	2.2	39
216	Atg23 and Atg27 Act at the Early Stages of Atg9 Trafficking in <i>S. cerevisiae</i> . <i>Traffic</i> , 2015, 16, 172-190.	1.3	44

#	ARTICLE	IF	CITATIONS
217	Autophagy: research topic, painting, poem, dance. EMBO Reports, 2015, 16, 547-552.	2.0	3
218	Not learning how to ride a bike: The lecture approach. Biochemistry and Molecular Biology Education, 2015, 43, 210-210.	0.5	0
219	Letter to the Editor. Journal of Microbiology and Biology Education, 2015, 16, 5-5.	0.5	1
220	But is it an improvement?. Biochemistry and Molecular Biology Education, 2015, 43, 301-302.	0.5	0
221	Lifeguard Final Exam Encouraging the Use of Active Learning. Journal of Microbiology and Biology Education, 2015, 16, 133-135.	0.5	1
222	Molecular interactions of the <i>Saccharomyces cerevisiae</i> Atg1 complex provide insights into assembly and regulatory mechanisms. Autophagy, 2015, 11, 891-905.	4.3	31
223	The symphony of autophagy and calcium signaling. Autophagy, 2015, 11, 973-974.	4.3	8
224	Atg41/Icy2 regulates autophagosome formation. Autophagy, 2015, 11, 2288-2299.	4.3	88
225	TOR-dependent post-transcriptional regulation of autophagy. Autophagy, 2015, 11, 2390-2392.	4.3	11
226	A large-scale analysis of autophagy-related gene expression identifies new regulators of autophagy. Autophagy, 2015, 11, 2114-2122.	4.3	57
227	Rph1/KDM4 Mediates Nutrient-Limitation Signaling that Leads to the Transcriptional Induction of Autophagy. Current Biology, 2015, 25, 546-555.	1.8	96
228	Molecular Mechanisms of Autophagy in the Cardiovascular System. Circulation Research, 2015, 116, 456-467.	2.0	234
229	The yeast <i>Saccharomyces cerevisiae</i> : An overview of methods to study autophagy progression. Methods, 2015, 75, 3-12.	1.9	46
230	How to control self-digestion: transcriptional, post-transcriptional, and post-translational regulation of autophagy. Trends in Cell Biology, 2015, 25, 354-363.	3.6	283
231	Quiltophagy autophagy as folk art. Autophagy, 2015, 11, 195-199.	4.3	1
232	TOS-sing aside the glycolytic role of HK2/hexokinase-II to activate autophagy. Autophagy, 2015, 11, 865-866.	4.3	2
233	TP53INP2/DOR protein chaperones deacetylated nuclear LC3 to the cytoplasm to promote macroautophagy. Autophagy, 2015, 11, 1441-1442.	4.3	12
234	Deletion of autophagy inducer RB1CC1 results in degeneration of the retinal pigment epithelium. Autophagy, 2015, 11, 939-953.	4.3	103

#	ARTICLE	IF	CITATIONS
235	A conserved mechanism of TOR-dependent RCK-mediated mRNA degradation regulates autophagy. <i>Nature Cell Biology</i> , 2015, 17, 930-942.	4.6	91
236	Rph1 mediates the nutrient-limitation signaling pathway leading to transcriptional activation of autophagy. <i>Autophagy</i> , 2015, 11, 718-719.	4.3	9
237	Toward an understanding of autophagosome-lysosome fusion: The unsuspected role of ATG14. <i>Autophagy</i> , 2015, 11, 583-584.	4.3	20
238	Long-distance autophagy. <i>Autophagy</i> , 2015, 11, 193-194.	4.3	8
239	mTORC1 maintains metabolic balance. <i>Cell Research</i> , 2015, 25, 1085-1086.	5.7	2
240	The amino acid transporter SLC38A9 regulates MTORC1 and autophagy. <i>Autophagy</i> , 2015, 11, 1709-1710.	4.3	10
241	Wouter G van Doorn, December 13, 1951–May 16, 2015. <i>Autophagy</i> , 2015, 11, 1197-1197.	4.3	0
242	One step closer to understanding mammalian macroautophagy initiation: Interplay of 2 HORMA architectures in the ULK1 complex. <i>Autophagy</i> , 2015, 11, 1953-1955.	4.3	10
243	A missing piece of the puzzle: Atg11 functions as a scaffold to activate Atg1 for selective autophagy. <i>Autophagy</i> , 2015, 11, 2139-2141.	4.3	5
244	Analysis of the native conformation of the LIR/AIM motif in the Atg8/LC3/GABARAP-binding proteins. <i>Autophagy</i> , 2015, 11, 2153-2159.	4.3	55
245	Posttranslational modification of autophagy-related proteins in macroautophagy. <i>Autophagy</i> , 2015, 11, 28-45.	4.3	264
246	Assays for the biochemical and ultrastructural measurement of selective and nonselective types of autophagy in the yeast <i>Saccharomyces cerevisiae</i> . <i>Methods</i> , 2015, 75, 141-150.	1.9	38
247	The role of transcriptional "futile cycles"™ in autophagy and microbial pathogenesis. <i>Microbial Cell</i> , 2015, 2, 302-304.	1.4	2
248	A few key points about figure presentation. <i>Autophagy</i> , 2015, 11, 1-8.	4.3	6
249	Molecular Process and Physiological Significance of Mitophagy. , 2014, , 49-63.		1
250	Transcriptional regulation of <i>ATG9</i> by the Pho23-Rpd3 complex modulates the frequency of autophagosome formation. <i>Autophagy</i> , 2014, 10, 1681-1682.	4.3	34
251	Citing recent declines in the discovery of new <i>ATG</i> genes, some scientists now suggest that the end of autophagy research may be within sight. <i>Autophagy</i> , 2014, 10, 715-716.	4.3	16
252	Detection of <i>Saccharomyces cerevisiae</i> Atg13 by western blot. <i>Autophagy</i> , 2014, 10, 514-517.	4.3	15

#	ARTICLE	IF	CITATIONS
253	The progression of peroxisomal degradation through autophagy requires peroxisomal division. <i>Autophagy</i> , 2014, 10, 652-661.	4.3	80
254	Defining the membrane precursor supporting the nucleation of the phagophore. <i>Autophagy</i> , 2014, 10, 1-2.	4.3	57
255	Autophagy and SQSTM1 on the RHOA(d) again. <i>Autophagy</i> , 2014, 10, 201-208.	4.3	32
256	CUET-ting edge research. <i>Autophagy</i> , 2014, 10, 2097-2098.	4.3	0
257	The vacuole vs. the lysosome. <i>Autophagy</i> , 2014, 10, 185-187.	4.3	34
258	Aberrant Autolysosomal Regulation Is Linked to The Induction of Embryonic Senescence: Differential Roles of Beclin 1 and p53 in Vertebrate Spns1 Deficiency. <i>PLoS Genetics</i> , 2014, 10, e1004409.	1.5	47
259	Roles for PI(3,5)P <sub>2</sub> in nutrient sensing through TORC1. <i>Molecular Biology of the Cell</i> , 2014, 25, 1171-1185.	0.9	68
260	Macromusophagy. <i>Autophagy</i> , 2014, 10, 721-735.	4.3	3
261	Autophagy is required for G1/G0 quiescence in response to nitrogen starvation in <i>Saccharomyces cerevisiae</i> . <i>Autophagy</i> , 2014, 10, 1702-1711.	4.3	54
262	Estimating the size and number of autophagic bodies by electron microscopy. <i>Autophagy</i> , 2014, 10, 155-164.	4.3	56
263	Knockdown of PSMB7 Induces Autophagy in Cardiomyocyte Cultures: Possible Role in Endoplasmic Reticulum Stress. <i>Pathobiology</i> , 2014, 81, 8-14.	1.9	14
264	Clinical research and Autophagy. <i>Autophagy</i> , 2014, 10, 1357-1358.	4.3	3
265	Autophagosomes, phagosomes, autolysosomes, phagolysosomes, autophagolysosomes – Wait, I'm confused. <i>Autophagy</i> , 2014, 10, 549-551.	4.3	168
266	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
267	The machinery of macroautophagy. <i>Cell Research</i> , 2014, 24, 24-41.	5.7	1,656
268	Identification of Atg3 as an intrinsically disordered polypeptide yields insights into the molecular dynamics of autophagy-related proteins in yeast. <i>Autophagy</i> , 2014, 10, 1093-1104.	4.3	38
269	Coming soon to a journal near you – The updated guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2014, 10, 1691-1691.	4.3	32
270	Potential function for the Huntingtin protein as a scaffold for selective autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16889-16894.	3.3	236



#	ARTICLE	IF	CITATIONS
271	Following your interests: The importance of good mentors. <i>Nature Cell Biology</i> , 2014, 16, 823-823.	4.6	2
272	Regulation of autophagy: Modulation of the size and number of autophagosomes. <i>FEBS Letters</i> , 2014, 588, 2457-2463.	1.3	120
273	Dynamic regulation of macroautophagy by distinctive ubiquitin-like proteins. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 336-345.	3.6	235
274	Transcriptional Regulation by Pho23 Modulates the Frequency of Autophagosome Formation. <i>Current Biology</i> , 2014, 24, 1314-1322.	1.8	87
275	An Overview of Autophagy: Morphology, Mechanism, and Regulation. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 460-473.	2.5	1,669
276	Increased levels of reduced cytochrome <i>c</i> and mitophagy components are required to trigger nonspecific autophagy following induced mitochondrial dysfunction. <i>Journal of Cell Science</i> , 2013, 126, 415-426.	1.2	29
277	The histone H4 lysine 16 acetyltransferase hMOF regulates the outcome of autophagy. <i>Nature</i> , 2013, 500, 468-471.	13.7	275
278	Autophagy Plays a Critical Role in the Degradation of Active RHOA, the Control of Cell Cytokinesis, and Genomic Stability. <i>Cancer Research</i> , 2013, 73, 4311-4322.	0.4	88
279	SnapShot: Selective Autophagy. <i>Cell</i> , 2013, 152, 368-368.e2.	13.5	91
280	Why just eat in, when you can also eat out?. <i>Autophagy</i> , 2013, 9, 119-119.	4.3	1
281	The Core Molecular Machinery of Autophagosome Formation. , 2013, , 25-45.		7
282	Autophagic Processes in Yeast: Mechanism, Machinery and Regulation. <i>Genetics</i> , 2013, 194, 341-361.	1.2	327
283	The Mechanism and Physiological Function of Macroautophagy. <i>Journal of Innate Immunity</i> , 2013, 5, 427-433.	1.8	177
284	Autophagosome Formation: Tracing the Source. <i>Developmental Cell</i> , 2013, 25, 116-117.	3.1	52
285	The Scaffold Protein Atg11 Recruits Fission Machinery to Drive Selective Mitochondria Degradation by Autophagy. <i>Developmental Cell</i> , 2013, 26, 9-18.	3.1	232
286	Participation of mitochondrial fission during mitophagy. <i>Cell Cycle</i> , 2013, 12, 3131-3132.	1.3	31
287	A unique hairpin-type tail-anchored SNARE starts to solve a long-time puzzle. <i>Autophagy</i> , 2013, 9, 813-814.	4.3	6
288	The variability of autophagy and cell death susceptibility. <i>Autophagy</i> , 2013, 9, 1270-1285.	4.3	126

#	ARTICLE	IF	CITATIONS
289	The role of Atg29 phosphorylation in PAS assembly. <i>Autophagy</i> , 2013, 9, 2178-2179.	4.3	7
290	Atg29 phosphorylation regulates coordination of the Atg17-Atg31-Atg29 complex with the Atg11 scaffold during autophagy initiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2875-84.	3.3	81
291	Proteolytic processing of Atg32 by the mitochondrial i-AAA protease Yme1 regulates mitophagy. <i>Autophagy</i> , 2013, 9, 1828-1836.	4.3	75
292	Finding autophagy. <i>Autophagy</i> , 2013, 9, 267-267.	4.3	2
293	Histone post-translational modifications regulate autophagy flux and outcome. <i>Autophagy</i> , 2013, 9, 1621-1623.	4.3	51
294	Mitochondrial fission facilitates mitophagy in <i>Saccharomyces cerevisiae</i> . <i>Autophagy</i> , 2013, 9, 1900-1901.	4.3	62
295	The intense gravitational attraction of autophagy. <i>Autophagy</i> , 2013, 9, 1127-1128.	4.3	0
296	Autophagy and gene therapy combine in the treatment of liver disease. <i>Autophagy</i> , 2013, 9, 945-946.	4.3	2
297	Structures of Atg7-Atg3 and Atg7-Atg10 reveal noncanonical mechanisms of E2 recruitment by the autophagy E1. <i>Autophagy</i> , 2013, 9, 778-780.	4.3	32
298	Ancient autophagy. <i>Autophagy</i> , 2013, 9, 445-446.	4.3	7
299	Structural characterization of the <i>Saccharomyces cerevisiae</i> autophagy regulatory complex Atg17-Atg31-Atg29. <i>Autophagy</i> , 2013, 9, 1467-1474.	4.3	33
300	Signalphagy. <i>Autophagy</i> , 2013, 9, 1629-1630.	4.3	21
301	Keeping the engine clean. <i>Autophagy</i> , 2013, 9, 1647-1647.	4.3	8
302	The membrane sources of macroautophagy. <i>Research and Perspectives in Alzheimer's Disease</i> , 2013, , 53-61.	0.1	0
303	The Cytoplasm-to-Vacuole Targeting Pathway: A Historical Perspective. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-8.	1.0	25
304	Ksp1 Kinase Regulates Autophagy via the Target of Rapamycin Complex 1 (TORC1) Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 16300-16310.	1.6	41
305	Phosphatidylinositol 4-Kinases Are Required for Autophagic Membrane Trafficking. <i>Journal of Biological Chemistry</i> , 2012, 287, 37964-37972.	1.6	62
306	Dual roles of Atg8~PE deconjugation by Atg4 in autophagy. <i>Autophagy</i> , 2012, 8, 883-892.	4.3	196

#	ARTICLE	IF	CITATIONS
307	Self-eating with your fingers. <i>Cell Research</i> , 2012, 22, 783-785.	5.7	4
308	Proteinase protection of prApe1 as a tool to monitor Cvt vesicle/autophagosome biogenesis. <i>Autophagy</i> , 2012, 8, 1245-1249.	4.3	7
309	The autophagy community. <i>Autophagy</i> , 2012, 8, 1003-1003.	4.3	4
310	In the beginning there was babble. <i>Autophagy</i> , 2012, 8, 1165-1167.	4.3	14
311	Protocols, Toolboxes and Resource papers. <i>Autophagy</i> , 2012, 8, 291-291.	4.3	1
312	Atg11. <i>Autophagy</i> , 2012, 8, 1275-1278.	4.3	13
313	SNARE Dance. <i>Autophagy</i> , 2012, 8, 294-296.	4.3	6
314	Searching for the fountain of autophagy-dependent youth. <i>Autophagy</i> , 2012, 8, 1169-1174.	4.3	3
315	Do you want to read about a biochemic and genetical analysis of the physiologic role of the autophagical process? No. <i>Autophagy</i> , 2012, 8, 153-154.	4.3	1
316	The Role of Autophagy in Parkinson's Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a009357-a009357.	2.9	377
317	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
318	Phosphatidylinositol-3-Phosphate Clearance Plays a Key Role in Autophagosome Completion. <i>Current Biology</i> , 2012, 22, 1545-1553.	1.8	122
319	Look people, "Atg" is an abbreviation for "autophagy-related." That's it.. <i>Autophagy</i> , 2012, 8, 1281-1282.		38
320	The Ume6-Sin3-Rpd3 complex regulates <i>ATG8</i> transcription to control autophagosome size. <i>Autophagy</i> , 2012, 8, 1835-1836.	4.3	15
321	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
322	Autophagy Works Out. <i>Cell Metabolism</i> , 2012, 15, 273-274.	7.2	12
323	Receptor protein complexes are in control of autophagy. <i>Autophagy</i> , 2012, 8, 1701-1705.	4.3	77
324	A role for Atg8-PE deconjugation in autophagosome biogenesis. <i>Autophagy</i> , 2012, 8, 780-793.	4.3	184

#	ARTICLE	IF	CITATIONS
325	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
326	Autophagy contributes to lysosomal storage disorders. <i>Autophagy</i> , 2012, 8, 715-716.	4.3	12
327	Autophagy mechanism and physiological relevance brewed from yeast studies. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 1354-1363.	0.8	24
328	A human autophagy interaction network. <i>Autophagy</i> , 2012, 8, 439-441.	4.3	29
329	The regulation of autophagy – unanswered questions. <i>Journal of Cell Science</i> , 2011, 124, 161-170.	1.2	542
330	SNARE Proteins Are Required for Macroautophagy. <i>Cell</i> , 2011, 146, 290-302.	13.5	418
331	AMPK-Dependent Phosphorylation of ULK1 Induces Autophagy. <i>Cell Metabolism</i> , 2011, 13, 119-120.	7.2	125
332	Relieving Autophagy and 4EBP1 from Rapamycin Resistance. <i>Molecular and Cellular Biology</i> , 2011, 31, 2867-2876.	1.1	83
333	Quick Quiz – Is it Really Recall?. <i>Journal of Microbiology and Biology Education</i> , 2011, 12, 78-79.	0.5	1
334	The autophagosome is overrated!. <i>Autophagy</i> , 2011, 7, 353-354.	4.3	12
335	For the last time, it is GFP-Atg8, not Atg8-GFP (and the same goes for LC3). <i>Autophagy</i> , 2011, 7, 1093-1094.	4.3	44
336	AMPK Activates Autophagy by Phosphorylating ULK1. <i>Circulation Research</i> , 2011, 108, 787-788.	2.0	70
337	Autophagy gets in on the regulatory act. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 76-77.	1.5	13
338	Vps34 is a phosphatidylinositol 3-kinase, not a phosphoinositide 3-kinase. <i>Autophagy</i> , 2011, 7, 563-564.	4.3	7
339	Autophagosome biogenesis requires SNAREs. <i>Autophagy</i> , 2011, 7, 1570-1572.	4.3	22
340	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
341	From the urea cycle to autophagy: Alfred J. Meijer. <i>Autophagy</i> , 2011, 7, 805-813.	4.3	1
342	New thoughts regarding Atg8 and ubiquitination. <i>Autophagy</i> , 2011, 7, 125-126.	4.3	1

#	ARTICLE	IF	CITATIONS
343	Taking the plunge. <i>Autophagy</i> , 2011, 7, 1-1.	4.3	27
344	MAPKs regulate mitophagy in <i>Saccharomyces cerevisiae</i> . <i>Autophagy</i> , 2011, 7, 1564-1565.	4.3	29
345	A role for diacylglycerol in antibacterial autophagy. <i>Autophagy</i> , 2011, 7, 331-333.	4.3	9
346	A PCR analysis of the ubiquitin-like conjugation systems in macroautophagy. <i>Autophagy</i> , 2011, 7, 1410-1414.	4.3	1
347	GFP-Atg8 protease protection as a tool to monitor autophagosome biogenesis. <i>Autophagy</i> , 2011, 7, 1546-1550.	4.3	78
348	There is more to autophagy than induction. <i>Autophagy</i> , 2011, 7, 801-802.	4.3	5
349	Asymmetric Inhibition of Ulk2 Causes Left-Right Differences in Habenular Neuropil Formation. <i>Journal of Neuroscience</i> , 2011, 31, 9869-9878.	1.7	22
350	Aspartyl Aminopeptidase Is Imported from the Cytoplasm to the Vacuole by Selective Autophagy in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 13704-13713.	1.6	74
351	Mitochondria Autophagy in Yeast. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1989-2001.	2.5	66
352	A comprehensive glossary of autophagy-related molecules and processes (2 <sup>nd</sup> edition). <i>Autophagy</i> , 2011, 7, 1273-1294.	4.3	255
353	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
354	Mitochondria removal by autophagy. <i>Autophagy</i> , 2011, 7, 297-300.	4.3	361
355	Activation of autophagy is required for muscle homeostasis during physical exercise. <i>Autophagy</i> , 2011, 7, 1405-1406.	4.3	19
356	Mammalian autophagy: core molecular machinery and signaling regulation. <i>Current Opinion in Cell Biology</i> , 2010, 22, 124-131.	2.6	1,729
357	The Cvt pathway as a model for selective autophagy. <i>FEBS Letters</i> , 2010, 584, 1359-1366.	1.3	280
358	Skn1 and Ipt1 negatively regulate autophagy in <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Letters</i> , 2010, 303, 163-168.	0.7	16
359	The molecular mechanism of mitochondria autophagy in yeast. <i>Molecular Microbiology</i> , 2010, 75, 795-800.	1.2	130
360	Eaten alive: a history of macroautophagy. <i>Nature Cell Biology</i> , 2010, 12, 814-822.	4.6	1,839

#	ARTICLE	IF	CITATIONS
361	Trs85 directs a Ypt1 GEF, TRAPPIII, 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
362	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
363	Analyzing autophagy in zebrafish. <i>Autophagy</i> , 2010, 6, 642-644.	4.3	44
364	A comprehensive glossary of autophagy-related molecules and processes. <i>Autophagy</i> , 2010, 6, 438-448.	4.3	144
365	Daniel Klionsky: A full plate for autophagy. <i>Journal of Cell Biology</i> , 2010, 189, 8-9.	2.3	0
366	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
367	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
368	Alternative macroautophagy. <i>Autophagy</i> , 2010, 6, 201-201.	4.3	8
369	An autophagy glossary. <i>Autophagy</i> , 2010, 6, 437-437.	4.3	2
370	"Autophagy suite": Atg9 cycling in the cytoplasm to vacuole targeting pathway. <i>Autophagy</i> , 2010, 6, 679-685.	4.3	10
371	Determining Atg protein stoichiometry at the phagophore assembly site by fluorescence microscopy. <i>Autophagy</i> , 2010, 6, 144-147.	4.3	13
372	A genomic screen for yeast mutants defective in mitophagy. <i>Autophagy</i> , 2010, 6, 278-280.	4.3	49
373	J. Fred "Paulo" Dice: In memoriam. <i>Autophagy</i> , 2010, 6, 319-319.	4.3	0
374	What were you thinking?: Do not manipulate those data. <i>Autophagy</i> , 2010, 6, 1007-1008.	4.3	1
375	Artophagy. <i>Autophagy</i> , 2010, 6, 1-2.	4.3	22
376	Artophagy: The Art of Autophagy-the Cvt pathway. <i>Autophagy</i> , 2010, 6, 3-6.	4.3	13
377	The Norse god of autophagy. <i>Autophagy</i> , 2010, 6, 1017-1031.	4.3	4
378	The Golgi as a potential membrane source for autophagy. <i>Autophagy</i> , 2010, 6, 950-951.	4.3	61

#	ARTICLE	IF	CITATIONS
379	Positive or Negative Roles of Different Cyclin-Dependent Kinase Pho85-Cyclin Complexes Orchestrate Induction of Autophagy in <i>Saccharomyces cerevisiae</i> . <i>Molecular Cell</i> , 2010, 38, 250-264.	4.5	68
380	The Autophagy Connection. <i>Developmental Cell</i> , 2010, 19, 11-12.	3.1	38
381	A Diacylglycerol-Dependent Signaling Pathway Contributes to Regulation of Antibacterial Autophagy. <i>Cell Host and Microbe</i> , 2010, 8, 137-146.	5.1	141
382	Regulation of macroautophagy in <i>Saccharomyces cerevisiae</i> . <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 664-670.	2.3	101
383	The molecular machinery of autophagy and its role in physiology and disease. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 663.	2.3	25
384	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
385	In search of an "autophagometer". <i>Autophagy</i> , 2009, 5, 585-589.	4.3	503
386	Crohn's Disease, Autophagy, and the Paneth Cell. <i>New England Journal of Medicine</i> , 2009, 360, 1785-1786.	13.9	45
387	Atg32 Is a tag for mitochondria degradation in yeast. <i>Autophagy</i> , 2009, 5, 1201-1202.	4.3	37
388	A work in progress. <i>Autophagy</i> , 2009, 5, 289-289.	4.3	1
389	A multiple <i>ATG</i> gene knockout strain for yeast two-hybrid analysis. <i>Autophagy</i> , 2009, 5, 699-705.	4.3	17
390	Looking Ahead: Online protocols. <i>Autophagy</i> , 2009, 5, 757-757.	4.3	0
391	Double duty of Atg9 self-association in autophagosome biogenesis. <i>Autophagy</i> , 2009, 5, 385-387.	4.3	21
392	Location, location, location? No. Catalog number. <i>Autophagy</i> , 2009, 5, 441-441.	4.3	3
393	Chaperone-mediated autophagy: The heretofore untold story of J. Fred "Paulo" Dice. <i>Autophagy</i> , 2009, 5, 1079-1084.	4.3	2
394	Indirect estimation of the area density of Atg8 on the phagophore. <i>Autophagy</i> , 2009, 5, 217-220.	4.3	23
395	Crohn disease and autophagy. <i>Autophagy</i> , 2009, 5, 139-139.	4.3	3
396	Preface. <i>Methods in Enzymology</i> , 2009, 452, xxi-xxii.	0.4	8

#	ARTICLE	IF	CITATIONS
397	Assaying autophagic activity in transgenic GFP-Lc3 and GFP-Gabarap zebrafish embryos. <i>Autophagy</i> , 2009, 5, 520-526.	4.3	166
398	A Genomic Screen for Yeast Mutants Defective in Selective Mitochondria Autophagy. <i>Molecular Biology of the Cell</i> , 2009, 20, 4730-4738.	0.9	229
399	An Overview of the Molecular Mechanism of Autophagy. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 1-32.	0.7	595
400	Tap42-associated protein phosphatase type 2A negatively regulates induction of autophagy. <i>Autophagy</i> , 2009, 5, 616-624.	4.3	78
401	The regulation of aging: does autophagy underlie longevity?. <i>Trends in Cell Biology</i> , 2009, 19, 487-494.	3.6	123
402	Mitochondrial abnormalities drive cell death in Wolfram syndrome 2. <i>Cell Research</i> , 2009, 19, 922-923.	5.7	23
403	Multiple roles of the cytoskeleton in autophagy. <i>Biological Reviews</i> , 2009, 84, 431-448.	4.7	180
404	Atg32 Is a Mitochondrial Protein that Confers Selectivity during Mitophagy. <i>Developmental Cell</i> , 2009, 17, 98-109.	3.1	709
405	Regulation Mechanisms and Signaling Pathways of Autophagy. <i>Annual Review of Genetics</i> , 2009, 43, 67-93.	3.2	3,114
406	Monitoring mitophagy in yeast: The Om45-GFP processing assay. <i>Autophagy</i> , 2009, 5, 1186-1189.	4.3	81
407	The Atg8 and Atg12 ubiquitin-like conjugation systems in macroautophagy. <i>EMBO Reports</i> , 2008, 9, 859-864.	2.0	674
408	Autophagy fights disease through cellular self-digestion. <i>Nature</i> , 2008, 451, 1069-1075.	13.7	5,714
409	Chapter 1 Biochemical Methods to Monitor Autophagy-Related Processes in Yeast. <i>Methods in Enzymology</i> , 2008, 451, 1-26.	0.4	158
410	Chapter 3 The Quantitative Pho81 <sup>60</sup> Assay of Nonspecific Autophagy. <i>Methods in Enzymology</i> , 2008, 451, 33-42.	0.4	132
411	How to Live Long and Prosper: Autophagy, Mitochondria, and Aging. <i>Physiology</i> , 2008, 23, 248-262.	1.6	223
412	Mitophagy in Yeast Occurs through a Selective Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 32386-32393.	1.6	296
413	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
414	Dual role of Atg1 in regulation of autophagy-specific PAS assembly in <i>Saccharomyces cerevisiae</i> . <i>Autophagy</i> , 2008, 4, 724-726.	4.3	30



#	ARTICLE	IF	CITATIONS
415	New insights into autophagy using a multiple knockout strain. <i>Autophagy</i> , 2008, 4, 1073-1075.	4.3	7
416	Harp1000ing the Cvt complex to the phagophore assembly site. <i>Autophagy</i> , 2008, 4, 914-916.	4.3	10
417	Achieve fame and (save your lab a) fortune!. <i>Autophagy</i> , 2008, 4, 977-977.	4.3	0
418	Getting into the flow. <i>Autophagy</i> , 2008, 4, 139-140.	4.3	7
419	Dissecting autophagosome formation: The missing pieces. <i>Autophagy</i> , 2008, 4, 920-922.	4.3	20
420	A reagent forum. <i>Autophagy</i> , 2008, 4, 739-739.	4.3	1
421	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
422	In vivo reconstitution of autophagy in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2008, 182, 703-713.	2.3	61
423	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> . <i>Molecular Biology of the Cell</i> , 2008, 19, 668-681.	0.9	233
424	The Quiz Factor. <i>CBE Life Sciences Education</i> , 2008, 7, 265-266.	1.1	16
425	Quantitative analysis of autophagy-related protein stoichiometry by fluorescence microscopy. <i>Journal of Cell Biology</i> , 2008, 182, 129-140.	2.3	108
426	Arp2 Links Autophagic Machinery with the Actin Cytoskeleton. <i>Molecular Biology of the Cell</i> , 2008, 19, 1962-1975.	0.9	111
427	Does bafilomycin A <sub>1</sub> block the fusion of autophagosomes with lysosomes?. <i>Autophagy</i> , 2008, 4, 849-850.	4.3	422
428	Atg8 Controls Phagophore Expansion during Autophagosome Formation. <i>Molecular Biology of the Cell</i> , 2008, 19, 3290-3298.	0.9	642
429	How we do business (or, why does it take other journals so long to review your paper?). <i>Autophagy</i> , 2008, 4, 551-554.	4.3	0
430	Autophagy revisited: A conversation with Christian de Duve. <i>Autophagy</i> , 2008, 4, 740-743.	4.3	351
431	Quantitative regulation of vesicle formation in yeast non-specific autophagy. <i>Autophagy</i> , 2008, 4, 955-957.	4.3	13
432	Analysis of Autophagosome Membrane Cycling by Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2008, 445, 135-145.	0.4	3

#	ARTICLE	IF	CITATIONS
433	Aup1p, a Yeast Mitochondrial Protein Phosphatase Homolog, Is Required for Efficient Stationary Phase Mitophagy and Cell Survival. <i>Journal of Biological Chemistry</i> , 2007, 282, 5617-5624.	1.6	232
434	Autophagy and Human Disease. <i>Cell Cycle</i> , 2007, 6, 1837-1849.	1.3	299
435	Atg26 is Not Involved in Autophagy-Related Pathways in <i>Saccharomyces cerevisiae</i> . <i>Autophagy</i> , 2007, 3, 17-20.	4.3	35
436	How Shall I Eat Thee?. <i>Autophagy</i> , 2007, 3, 413-416.	4.3	145
437	Methods for Monitoring Autophagy from Yeast to Human. <i>Autophagy</i> , 2007, 3, 181-206.	4.3	614
438	Permeases Recycle Amino Acids Resulting from Autophagy. <i>Autophagy</i> , 2007, 3, 149-150.	4.3	33
439	Forward to the Past. <i>Autophagy</i> , 2007, 3, 541-541.	4.3	0
440	Atg27 is a Second Transmembrane Cycling Protein. <i>Autophagy</i> , 2007, 3, 254-256.	4.3	29
441	A Cycling Protein Complex Required for Selective Autophagy. <i>Autophagy</i> , 2007, 3, 422-432.	4.3	107
442	Looking Back on Two Years of Autophagy. <i>Autophagy</i> , 2007, 3, 1-3.	4.3	10
443	Autophagy and Vacuole Homeostasis: A Case for Self-Degradation?. <i>Autophagy</i> , 2007, 3, 417-421.	4.3	39
444	Atg9 Trafficking in Autophagy-Related Pathways. <i>Autophagy</i> , 2007, 3, 271-274.	4.3	52
445	Endoplasmic Reticulum Stress: A New Pathway to Induce Autophagy. <i>Autophagy</i> , 2007, 3, 160-162.	4.3	200
446	Atg27 Is Required for Autophagy-dependent Cycling of Atg9. <i>Molecular Biology of the Cell</i> , 2007, 18, 581-593.	0.9	162
447	Monitoring Autophagy in Yeast. , 2007, 390, 363-371.		48
448	Protein Kinase A and Sch9 Cooperatively Regulate Induction of Autophagy in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2007, 18, 4180-4189.	0.9	221
449	The Transmembrane Domain of Acid Trehalase Mediates Ubiquitin-independent Multivesicular Body Pathway Sorting. <i>Molecular Biology of the Cell</i> , 2007, 18, 2511-2524.	0.9	24
450	The Importance of Diversity. <i>Autophagy</i> , 2007, 3, 83-84.	4.3	6

#	ARTICLE	IF	CITATIONS
451	Protein Turnover Via Autophagy: Implications for Metabolism. Annual Review of Nutrition, 2007, 27, 19-40.	4.3	730
452	Autophagosome formation: core machinery and adaptations. Nature Cell Biology, 2007, 9, 1102-1109.	4.6	1,938
453	Potential therapeutic applications of autophagy. Nature Reviews Drug Discovery, 2007, 6, 304-312.	21.5	901
454	Autophagy: from phenomenology to molecular understanding in less than a decade. Nature Reviews Molecular Cell Biology, 2007, 8, 931-937.	16.1	1,765
455	Physiological functions of Atg6/Beclin 1: a unique autophagy-related protein. Cell Research, 2007, 17, 839-849.	5.7	492
456	Eating the endoplasmic reticulum: quality control by autophagy. Trends in Cell Biology, 2007, 17, 279-285.	3.6	179
457	Autophagy and Neurodegeneration. ACS Chemical Biology, 2006, 1, 211-213.	1.6	37
458	Endoplasmic Reticulum Stress Triggers Autophagy. Journal of Biological Chemistry, 2006, 281, 30299-30304.	1.6	842
459	Overview of Autophagy. , 2006, , 1-17.		5
460	Autophagy in organelle homeostasis: Peroxisome turnover. Molecular Aspects of Medicine, 2006, 27, 483-494.	2.7	86
461	How Selective is Autophagy?. Autophagy, 2006, 2, 151-152.	4.3	3
462	Good riddance to bad rubbish. Nature, 2006, 441, 819-820.	13.7	51
463	A Systems Biology Approach to Learning Autophagy. Autophagy, 2006, 2, 12-23.	4.3	5
464	Atg11 Directs Autophagosome Cargoes to the PAS Along Actin Cables. Autophagy, 2006, 2, 119-121.	4.3	23
465	Let's Not Forget about Non-Specific Autophagy. Autophagy, 2006, 2, 257-257.	4.3	2
466	What Can We Learn from Trypanosomes?. Autophagy, 2006, 2, 63-64.	4.3	7
467	Recruitment of Atg9 to the preautophagosomal structure by Atg11 is essential for selective autophagy in budding yeast. Journal of Cell Biology, 2006, 175, 925-935.	2.3	185
468	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

#	ARTICLE	IF	CITATIONS
469	Atg9 sorting from mitochondria is impaired in early secretion and VFT-complex mutants in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Science</i> , 2006, 119, 2903-2911.	1.2	41
470	Autophagosomes: biogenesis from scratch?. <i>Current Opinion in Cell Biology</i> , 2005, 17, 415-422.	2.6	257
471	Autophagy. <i>Current Biology</i> , 2005, 15, R282-R283.	1.8	154
472	Sera from patients with type 2 Diabetes and Neuropathy Induce Autophagy and Colocalization with Mitochondria in SY5Y cells. <i>Autophagy</i> , 2005, 1, 163-170.	4.3	61
473	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
474	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
475	Atg9 Cycles Between Mitochondria and the Pre-Autophagosomal Structure in Yeasts. <i>Autophagy</i> , 2005, 1, 101-109.	4.3	234
476	Atg17 Regulates the Magnitude of the Autophagic Response. <i>Molecular Biology of the Cell</i> , 2005, 16, 3438-3453.	0.9	207
477	Autophagy and p70S6 Kinase. <i>Autophagy</i> , 2005, 1, 59-61.	4.3	101
478	The Correct Way to Monitor Autophagy in Higher Eukaryotes. <i>Autophagy</i> , 2005, 1, 65-65.	4.3	17
479	How to Keep Up in an Expanding Field: Addenda. <i>Autophagy</i> , 2005, 1, 129-130.	4.3	0
480	Early Secretory Pathway Gene <i>TRS85</i> is Required for Selective Macroautophagy of Peroxisomes in <i>Yarrowia lipolytica</i> . <i>Autophagy</i> , 2005, 1, 37-45.	4.3	66
481	The molecular machinery of autophagy: unanswered questions. <i>Journal of Cell Science</i> , 2005, 118, 7-18.	1.2	839
482	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
483	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
484	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
485	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
486	Points of View: Lectures: Can't Learn with Them, Can't Learn without Them. <i>CBE: Life Sciences Education</i> , 2004, 3, 204-211.	0.7	22

#	ARTICLE	IF	CITATIONS
487	Regulated self-cannibalism. <i>Nature</i> , 2004, 431, 31-32.	13.7	94
488	Autophagy in Health and Disease: A Double-Edged Sword. <i>Science</i> , 2004, 306, 990-995.	6.0	2,367
489	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
490	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
491	Development by Self-Digestion. <i>Developmental Cell</i> , 2004, 6, 463-477.	3.1	3,502
492	A Unified Nomenclature for Yeast Autophagy-Related Genes. <i>Developmental Cell</i> , 2003, 5, 539-545.	3.1	1,147
493	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
494	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
495	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
496	Atg23 Is Essential for the Cytoplasm to Vacuole Targeting Pathway and Efficient Autophagy but Not Pexophagy. <i>Journal of Biological Chemistry</i> , 2003, 278, 48445-48452.	1.6	74
497	The Molecular Mechanism of Autophagy. <i>Molecular Medicine</i> , 2003, 9, 65-76.	1.9	470
498	The molecular mechanism of autophagy. <i>Molecular Medicine</i> , 2003, 9, 65-76.	1.9	197
499	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
500	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
501	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
502	Autophagy in the Eukaryotic Cell. <i>Eukaryotic Cell</i> , 2002, 1, 11-21.	3.4	517
503	Mechanism of Cargo Selection in the Cytoplasm to Vacuole Targeting Pathway. <i>Developmental Cell</i> , 2002, 3, 825-837.	3.1	326
504	Autophagy in Yeast: A Review of the Molecular Machinery.. <i>Cell Structure and Function</i> , 2002, 27, 409-420.	0.5	180

#	ARTICLE	IF	CITATIONS
505	Molecular machinery required for autophagy and the cytoplasm to vacuole targeting (Cvt) pathway in <i>S. cerevisiae</i> . <i>Current Opinion in Cell Biology</i> , 2002, 14, 468-475.	2.6	71
506	Cvt19 Is a Receptor for the Cytoplasm-to-Vacuole Targeting Pathway. <i>Molecular Cell</i> , 2001, 7, 1131-1141.	4.5	241
507	Approaching the Molecular Mechanism of Autophagy. <i>Traffic</i> , 2001, 2, 524-531.	1.3	151
508	Membrane Recruitment of Aut7p in the Autophagy and Cytoplasm to Vacuole Targeting Pathways Requires Aut1p, Aut2p, and the Autophagy Conjugation Complex. <i>Journal of Cell Biology</i> , 2001, 152, 51-64.	2.3	209
509	Vacuolar Localization of Oligomeric $\alpha$ -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
510	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
511	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
512	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
513	Autophagy in Yeast: Mechanistic Insights and Physiological Function. <i>Microbiology and Molecular Biology Reviews</i> , 2001, 65, 463-479.	2.9	155
514	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
515	Apg5p Functions in the Sequestration Step in the Cytoplasm-to-Vacuole Targeting and Macroautophagy Pathways. <i>Molecular Biology of the Cell</i> , 2000, 11, 969-982.	0.9	87
516	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
517	Alternative protein sorting pathways. <i>International Review of Cytology</i> , 2000, 198, 153-201.	6.2	15
518	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
519	Dissection of Autophagosome Biogenesis into Distinct Nucleation and Expansion Steps. <i>Journal of Cell Biology</i> , 2000, 151, 1025-1034.	2.3	264
520	The Itinerary of a Vesicle Component, Aut7p/Cvt5p, Terminates in the Yeast Vacuole via the Autophagy/Cvt Pathways. <i>Journal of Biological Chemistry</i> , 2000, 275, 5845-5851.	1.6	209
521	Transport of proteins to the yeast vacuole: autophagy, cytoplasm-to-vacuole targeting, and role of the vacuole in degradation. <i>Seminars in Cell and Developmental Biology</i> , 2000, 11, 173-179.	2.3	43
522	Autophagy as a Regulated Pathway of Cellular Degradation. , 2000, 290, 1717-1721.		3,087

#	ARTICLE	IF	CITATIONS
523	Autophagy, Cytoplasm-to-Vacuole Targeting Pathway, and Pexophagy in Yeast and Mammalian Cells. Annual Review of Biochemistry, 2000, 69, 303-342.	5.0	343
524	Apg7p/Cvt2p Is Required for the Cytoplasm-to-Vacuole Targeting, Macroautophagy, and Peroxisome Degradation Pathways. Molecular Biology of the Cell, 1999, 10, 1337-1351.	0.9	205
525	How to get a folded protein across a membrane. Trends in Cell Biology, 1999, 9, 428-431.	3.6	54
526	Vacuolar Import of Proteins and Organelles From The Cytoplasm. Annual Review of Cell and Developmental Biology, 1999, 15, 1-32.	4.0	445
527	An Interactive Exercise to Learn Eukaryotic Cell Structure & Organelle Function. American Biology Teacher, 1999, 61, 539-542.	0.1	6
528	A protein conjugation system essential for autophagy. Nature, 1998, 395, 395-398.	13.7	1,468
529	Delivery of proteins and organelles to the vacuole from the cytoplasm. Current Opinion in Cell Biology, 1998, 10, 523-529.	2.6	93
530	Nonclassical Protein Sorting to the Yeast Vacuole. Journal of Biological Chemistry, 1998, 273, 10807-10810.	1.6	56
531	Transport of a Large Oligomeric Protein by the Cytoplasm to Vacuole Protein Targeting Pathway. Journal of Cell Biology, 1997, 137, 609-618.	2.3	133
532	V1-situated Stalk Subunits of the Yeast Vacuolar Proton-translocating ATPase. Journal of Biological Chemistry, 1997, 272, 26787-26793.	1.6	94
533	Aminopeptidase I Is Targeted to the Vacuole by a Nonclassical Vesicular Mechanism. Journal of Cell Biology, 1997, 138, 37-44.	2.3	164
534	Reconstitution in Vitro of the V1 Complex from the Yeast Vacuolar Proton-translocating ATPase. Journal of Biological Chemistry, 1997, 272, 16618-16623.	1.6	35
535	Dipeptidyl aminopeptidase processing and biosynthesis of alkaline extracellular protease from <i>Yarrowia lipolytica</i> . Microbiology (United Kingdom), 1997, 143, 3263-3272.	0.7	18
536	Two Distinct Pathways for Targeting Proteins from the Cytoplasm to the Vacuole/Lysosome. Journal of Cell Biology, 1997, 139, 1687-1695.	2.3	315
537	Nonclassical protein sorting. Trends in Cell Biology, 1997, 7, 225-229.	3.6	13
538	Purification and biochemical characterization of the ATH1 gene product, vacuolar acid trehalase, from <i>Saccharomyces cerevisiae</i> . FEBS Letters, 1996, 391, 273-278.	1.3	39
539	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
540	Resolution of Subunit Interactions and Cytoplasmic Subcomplexes of the Yeast Vacuolar Proton-translocating ATPase. Journal of Biological Chemistry, 1996, 271, 10397-10404.	1.6	62

#	ARTICLE	IF	CITATIONS
541	Isolation and characterization of a novel yeast gene,ATH1, that is required for vacuolar acid trehalase activity. Yeast, 1995, 11, 1015-1025.	0.8	72