

Tamotsu Yoshimori

List of Publications by Year in descending order

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177
papers

64,477
citations

3731

89
h-index

5120

166
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193
all docs

193
docs citations

193
times ranked

54138
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Methods in Mammalian Autophagy Research. <i>Cell</i> , 2010, 140, 313-326.	28.9	3,939
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
4	The role of autophagy during the early neonatal starvation period. <i>Nature</i> , 2004, 432, 1032-1036.	27.8	2,630
5	The Role of Atg Proteins in Autophagosome Formation. <i>Annual Review of Cell and Developmental Biology</i> , 2011, 27, 107-132.	9.4	2,587
6	How to Interpret LC3 Immunoblotting. <i>Autophagy</i> , 2007, 3, 542-545.	9.1	2,207
7	In Vivo Analysis of Autophagy in Response to Nutrient Starvation Using Transgenic Mice Expressing a Fluorescent Autophagosome Marker. <i>Molecular Biology of the Cell</i> , 2004, 15, 1101-1111.	2.1	2,115
8	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
9	Dissection of the Autophagosome Maturation Process by a Novel Reporter Protein, Tandem Fluorescent-Tagged LC3. <i>Autophagy</i> , 2007, 3, 452-460.	9.1	1,943
10	Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL-1 β production. <i>Nature</i> , 2008, 456, 264-268.	27.8	1,837
11	Inhibition of Macroautophagy Triggers Apoptosis. <i>Molecular and Cellular Biology</i> , 2005, 25, 1025-1040.	2.3	1,533
12	A protein conjugation system essential for autophagy. <i>Nature</i> , 1998, 395, 395-398.	27.8	1,468
13	Autophagosomes form at ER-mitochondria contact sites. <i>Nature</i> , 2013, 495, 389-393.	27.8	1,401
14	Dissection of Autophagosome Formation Using Apg5-Deficient Mouse Embryonic Stem Cells. <i>Journal of Cell Biology</i> , 2001, 152, 657-668.	5.2	1,282
15	LC3, GABARAP and GATE16 localize to autophagosomal membrane depending on form-II formation. <i>Journal of Cell Science</i> , 2004, 117, 2805-2812.	2.0	1,256
16	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	7.8	1,230
17	Bafilomycin A1 Prevents Maturation of Autophagic Vacuoles by Inhibiting Fusion between Autophagosomes and Lysosomes in Rat Hepatoma Cell Line, H-4-II-E Cells. <i>Cell Structure and Function</i> , 1998, 23, 33-42.	1.1	1,193
18	The autophagosome: origins unknown, biogenesis complex. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 759-774.	37.0	1,105

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19	Autophagy Defends Cells Against Invading Group A <i>Streptococcus</i> . <i>Science</i> , 2004, 306, 1037-1040.	12.6	1,047
20	Two Beclin 1-binding proteins, Atg14L and Rubicon, reciprocally regulate autophagy at different stages. <i>Nature Cell Biology</i> , 2009, 11, 385-396.	10.3	1,046
21	A subdomain of the endoplasmic reticulum forms a cradle for autophagosome formation. <i>Nature Cell Biology</i> , 2009, 11, 1433-1437.	10.3	976
22	The Atg16L Complex Specifies the Site of LC3 Lipidation for Membrane Biogenesis in Autophagy. <i>Molecular Biology of the Cell</i> , 2008, 19, 2092-2100.	2.1	900
23	Phosphorylation of p62 Activates the Keap1-Nrf2 Pathway during Selective Autophagy. <i>Molecular Cell</i> , 2013, 51, 618-631.	9.7	880
24	The Reversible Modification Regulates the Membrane-Binding State of Apg8/Aut7 Essential for Autophagy and the Cytoplasm to Vacuole Targeting Pathway. <i>Journal of Cell Biology</i> , 2000, 151, 263-276.	5.2	851
25	Autophagosome Formation in Mammalian Cells. <i>Cell Structure and Function</i> , 2002, 27, 421-429.	1.1	833
26	Formation Process of Autophagosome Is Traced with Apg8/Aut7p in Yeast. <i>Journal of Cell Biology</i> , 1999, 147, 435-446.	5.2	827
27	Escape of Intracellular <i>Shigella</i> from Autophagy. <i>Science</i> , 2005, 307, 727-731.	12.6	795
28	Beclin-1 phosphatidylinositol 3-kinase complex functions at the trans-Golgi network. <i>EMBO Reports</i> , 2001, 2, 330-335.	4.5	775
29	Atg9a controls dsDNA-driven dynamic translocation of STING and the innate immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20842-20846.	7.1	705
30	Mouse Apg16L, a novel WD-repeat protein, targets to the autophagic isolation membrane with the Apg12-Apg5 conjugate. <i>Journal of Cell Science</i> , 2003, 116, 1679-1688.	2.0	660
31	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	7.8	615
32	Autophagy Controls Salmonella Infection in Response to Damage to the Salmonella-containing Vacuole. <i>Journal of Biological Chemistry</i> , 2006, 281, 11374-11383.	3.4	578
33	A Sensitive and Quantitative Technique for Detecting Autophagic Events Based on Lysosomal Delivery. <i>Chemistry and Biology</i> , 2011, 18, 1042-1052.	6.0	507
34	The origin of the autophagosomal membrane. <i>Nature Cell Biology</i> , 2010, 12, 831-835.	10.3	501
35	Autophagy: a regulated bulk degradation process inside cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 453-458.	2.1	480
36	Autophagy and autophagy-related proteins in the immune system. <i>Nature Immunology</i> , 2015, 16, 1014-1024.	14.5	465

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37	An Atg4B Mutant Hampers the Lipidation of LC3 Paralogues and Causes Defects in Autophagosome Closure. <i>Molecular Biology of the Cell</i> , 2008, 19, 4651-4659.	2.1	459
38	Autophagy sequesters damaged lysosomes to control lysosomal biogenesis and kidney injury. <i>EMBO Journal</i> , 2013, 32, 2336-2347.	7.8	455
39	Autophagy requires endoplasmic reticulum targeting of the PI3-kinase complex via Atg14L. <i>Journal of Cell Biology</i> , 2010, 190, 511-521.	5.2	402
40	New insights into autophagosome-lysosome fusion. <i>Journal of Cell Science</i> , 2017, 130, 1209-1216.	2.0	368
41	Dynein-dependent Movement of Autophagosomes Mediates Efficient Encounters with Lysosomes. <i>Cell Structure and Function</i> , 2008, 33, 109-122.	1.1	366
42	Chemical modulators of autophagy as biological probes and potential therapeutics. <i>Nature Chemical Biology</i> , 2011, 7, 9-17.	8.0	344
43	Autophagic control of listeria through intracellular innate immune recognition in drosophila. <i>Nature Immunology</i> , 2008, 9, 908-916.	14.5	332
44	Autophagosome Requires Specific Early Sec Proteins for Its Formation and NSF/SNARE for Vacuolar Fusion. <i>Molecular Biology of the Cell</i> , 2001, 12, 3690-3702.	2.1	325
45	A current perspective of autophagosome biogenesis. <i>Cell Research</i> , 2014, 24, 58-68.	12.0	302
46	Alfy, a novel FYVE-domain-containing protein associated with protein granules and autophagic membranes. <i>Journal of Cell Science</i> , 2004, 117, 4239-4251.	2.0	271
47	Rubicon inhibits autophagy and accelerates hepatocyte apoptosis and lipid accumulation in nonalcoholic fatty liver disease in mice. <i>Hepatology</i> , 2016, 64, 1994-2014.	7.3	264
48	Regulation of Epidermal Growth Factor Receptor Down-Regulation by UBPY-mediated Deubiquitination at Endosomes. <i>Molecular Biology of the Cell</i> , 2005, 16, 5163-5174.	2.1	249
49	Recruitment of the autophagic machinery to endosomes during infection is mediated by ubiquitin. <i>Journal of Cell Biology</i> , 2013, 203, 115-128.	5.2	242
50	Intracellular Inclusions Containing Mutant α 1-Antitrypsin Z Are Propagated in the Absence of Autophagic Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 4467-4476.	3.4	235
51	Golgi-resident Small GTPase Rab33B Interacts with Atg16L and Modulates Autophagosome Formation. <i>Molecular Biology of the Cell</i> , 2008, 19, 2916-2925.	2.1	233
52	Inhibition of autophagy potentiates the antitumor effect of the multikinase inhibitor sorafenib in hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2012, 131, 548-557.	5.1	230
53	<i>Listeria monocytogenes</i> Evades Killing by Autophagy During Colonization of Host Cells. <i>Autophagy</i> , 2007, 3, 442-451.	9.1	229
54	Chapter 1 Monitoring Autophagy in Mammalian Cultured Cells through the Dynamics of LC3. <i>Methods in Enzymology</i> , 2009, 452, 1-12.	1.0	220

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55	Host Cell Autophagy Activated by Antibiotics Is Required for Their Effective Antimycobacterial Drug Action. <i>Cell Host and Microbe</i> , 2012, 11, 457-468.	11.0	219
56	Autophagy Guards Against Cisplatin-Induced Acute Kidney Injury. <i>American Journal of Pathology</i> , 2012, 180, 517-525.	3.8	215
57	GFP-like Proteins Stably Accumulate in Lysosomes. <i>Cell Structure and Function</i> , 2008, 33, 1-12.	1.1	206
58	Effect of <i>Helicobacter pylori</i> 's vacuolating cytotoxin on the autophagy pathway in gastric epithelial cells. <i>Autophagy</i> , 2009, 5, 370-379.	9.1	193
59	Mitochondrial division occurs concurrently with autophagosome formation but independently of Drp1 during mitophagy. <i>Journal of Cell Biology</i> , 2016, 215, 649-665.	5.2	193
60	Vacuolating Cytotoxin and Variants in Atg16L1 That Disrupt Autophagy Promote <i>Helicobacter pylori</i> Infection in Humans. <i>Gastroenterology</i> , 2012, 142, 1160-1171.	1.3	190
61	Combinational Soluble N-Ethylmaleimide-sensitive Factor Attachment Protein Receptor Proteins VAMP8 and Vti1b Mediate Fusion of Antimicrobial and Canonical Autophagosomes with Lysosomes. <i>Molecular Biology of the Cell</i> , 2010, 21, 1001-1010.	2.1	188
62	Autophagic Elimination of Misfolded Procollagen Aggregates in the Endoplasmic Reticulum as a Means of Cell Protection. <i>Molecular Biology of the Cell</i> , 2009, 20, 2744-2754.	2.1	187
63	The ALG-2-interacting Protein Alix Associates with CHMP4b, a Human Homologue of Yeast Snf7 That Is Involved in Multivesicular Body Sorting. <i>Journal of Biological Chemistry</i> , 2003, 278, 39104-39113.	3.4	185
64	The Mouse SKD1, a Homologue of Yeast Vps4p, Is Required for Normal Endosomal Trafficking and Morphology in Mammalian Cells. <i>Molecular Biology of the Cell</i> , 2000, 11, 747-763.	2.1	181
65	The Parasitophorous Vacuole Membrane of <i>Toxoplasma gondii</i> Is Targeted for Disruption by Ubiquitin-like Conjugation Systems of Autophagy. <i>Immunity</i> , 2014, 40, 924-935.	14.3	179
66	Modulation of Local PtdIns3P Levels by the PI Phosphatase MTMR3 Regulates Constitutive Autophagy. <i>Traffic</i> , 2010, 11, 468-478.	2.7	167
67	Protective role of autophagy against <i>Vibrio cholerae</i> cytolysin, a pore-forming toxin from <i>V. cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1829-1834.	7.1	162
68	Impaired autophagy by soluble endoglin, under physiological hypoxia in early pregnant period, is involved in poor placentation in preeclampsia. <i>Autophagy</i> , 2013, 9, 303-316.	9.1	162
69	The LC3 recruitment mechanism is separate from Atg9L1-dependent membrane formation in the autophagic response against <i>Salmonella</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 2290-2300.	2.1	158
70	Autophagy and kidney inflammation. <i>Autophagy</i> , 2017, 13, 997-1003.	9.1	154
71	Human IAPP-induced pancreatic β cell toxicity and its regulation by autophagy. <i>Journal of Clinical Investigation</i> , 2014, 124, 3634-3644.	8.2	154
72	Autophagy Has a Significant Role in Determining Skin Color by Regulating Melanosome Degradation in Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2416-2424.	0.7	153

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73	Distinct functions of ATG16L1 isoforms in membrane binding and LC3B lipidation in autophagy-related processes. <i>Nature Cell Biology</i> , 2019, 21, 372-383.	10.3	143
74	Rubicon and PLEKHM1 Negatively Regulate the Endocytic/Autophagic Pathway via a Novel Rab7-binding Domain. <i>Molecular Biology of the Cell</i> , 2010, 21, 4162-4172.	2.1	136
75	Suppression of autophagic activity by Rubicon is a signature of aging. <i>Nature Communications</i> , 2019, 10, 847.	12.8	132
76	SKD1 AAA ATPase-Dependent Endosomal Transport is Involved in Autolysosome Formation.. <i>Cell Structure and Function</i> , 2002, 27, 29-37.	1.1	131
77	Hyperuricemia-induced inflammasome and kidney diseases. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 890-896.	0.7	126
78	Autophagosome-lysosome fusion in neurons requires INPP5E, a protein associated with Joubert syndrome. <i>EMBO Journal</i> , 2016, 35, 1853-1867.	7.8	121
79	A dominant negative form of the AAA ATPase SKD1/VPS4 impairs membrane trafficking out of endosomal/lysosomal compartments: class E phenotype in mammalian cells. <i>Journal of Cell Science</i> , 2003, 116, 401-414.	2.0	118
80	A BET family protein degrader provokes senolysis by targeting NHEJ and autophagy in senescent cells. <i>Nature Communications</i> , 2020, 11, 1935.	12.8	118
81	LC3 lipidation is essential for TFEB activation during the lysosomal damage response to kidney injury. <i>Nature Cell Biology</i> , 2020, 22, 1252-1263.	10.3	117
82	Atg9A trafficking through the recycling endosomes is required for autophagosome formation. <i>Journal of Cell Science</i> , 2016, 129, 3781-3791.	2.0	116
83	Autophagy in Innate Immunity against Intracellular Bacteria. <i>Journal of Biochemistry</i> , 2006, 140, 161-166.	1.7	115
84	Differential Involvement of Atg16L1 in Crohn Disease and Canonical Autophagy. <i>Journal of Biological Chemistry</i> , 2009, 284, 32602-32609.	3.4	108
85	Autophagy and Longevity. <i>Molecules and Cells</i> , 2018, 41, 65-72.	2.6	105
86	Up-to-date membrane biogenesis in the autophagosome formation. <i>Current Opinion in Cell Biology</i> , 2013, 25, 455-460.	5.4	102
87	Toward unraveling membrane biogenesis in mammalian autophagy. <i>Current Opinion in Cell Biology</i> , 2008, 20, 401-407.	5.4	100
88	Autophagy and bacterial infectious diseases. <i>Experimental and Molecular Medicine</i> , 2012, 44, 99.	7.7	97
89	Autophagy Inhibits the Accumulation of Advanced Glycation End Products by Promoting Lysosomal Biogenesis and Function in the Kidney Proximal Tubules. <i>Diabetes</i> , 2017, 66, 1359-1372.	0.6	97
90	Ubiquitination of exposed glycoproteins by SCF ^{FBXO27} directs damaged lysosomes for autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8574-8579.	7.1	96

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91	Structural Basis of the Autophagy-Related LC3/Atg13 LIR Complex: Recognition and Interaction Mechanism. <i>Structure</i> , 2014, 22, 47-58.	3.3	93
92	Endothelial Nitric-oxide Synthase Antisense (NOS3AS) Gene Encodes an Autophagy-related Protein (APG9-like2) Highly Expressed in Trophoblast. <i>Journal of Biological Chemistry</i> , 2005, 280, 18283-18290.	3.4	92
93	An Initial Step of GAS-Containing Autophagosome-Like Vacuoles Formation Requires Rab7. <i>PLoS Pathogens</i> , 2009, 5, e1000670.	4.7	85
94	Regulation of membrane biogenesis in autophagy via PI3P dynamics. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 671-676.	5.0	85
95	Essential role for GABARAP autophagy proteins in interferon-inducible GTPase-mediated host defense. <i>Nature Immunology</i> , 2017, 18, 899-910.	14.5	85
96	Autophagy: Paying Charon's Toll. <i>Cell</i> , 2007, 128, 833-836.	28.9	79
97	Atg16L2, a novel isoform of mammalian Atg16L that is not essential for canonical autophagy despite forming an Atg12-Atg16L2 complex. <i>Autophagy</i> , 2011, 7, 1500-1513.	9.1	78
98	TRAPPIII is responsible for the vesicular transport from early endosomes to the Golgi apparatus that facilitates Atg9 cycling in autophagy. <i>Journal of Cell Science</i> , 2013, 126, 4963-73.	2.0	74
99	Dysfunction of Autophagy Participates in Vacuole Formation and Cell Death in Cells Replicating Hepatitis C Virus. <i>Journal of Virology</i> , 2011, 85, 13185-13194.	3.4	71
100	Autophagosomes can support <i>Yersinia pseudotuberculosis</i> replication in macrophages. <i>Cellular Microbiology</i> , 2010, 12, 1108-1123.	2.1	69
101	Autophagy Induced by Calcium Phosphate Precipitates Targets Damaged Endosomes. <i>Journal of Biological Chemistry</i> , 2014, 289, 11162-11174.	3.4	69
102	Where do they come from? Insights into autophagosome formation. <i>FEBS Letters</i> , 2010, 584, 1296-1301.	2.8	68
103	Artificial induction of autophagy around polystyrene beads in nonphagocytic cells. <i>Autophagy</i> , 2010, 6, 36-45.	9.1	67
104	Autophagosome biogenesis and human health. <i>Cell Discovery</i> , 2020, 6, 33.	6.7	66
105	Bidirectional Control of Autophagy by BECN1 BARA Domain Dynamics. <i>Molecular Cell</i> , 2019, 73, 339-353.e6.	9.7	61
106	Role of Hrs in maturation of autophagosomes in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 721-727.	2.1	60
107	Reciprocal conversion of Gtr1 and Gtr2 nucleotide-binding states by Npr2-Npr3 inactivates TORC1 and induces autophagy. <i>Autophagy</i> , 2014, 10, 1565-1578.	9.1	58
108	An ATG16L1-dependent pathway promotes plasma membrane repair and limits <i>Listeria monocytogenes</i> cell-to-cell spread. <i>Nature Microbiology</i> , 2018, 3, 1472-1485.	13.3	57

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109	Alternative mitochondrial quality control mediated by extracellular release. <i>Autophagy</i> , 2021, 17, 2962-2974.	9.1	53
110	Trophoblast-Specific Conditional Atg7 Knockout Mice Develop Gestational Hypertension. <i>American Journal of Pathology</i> , 2018, 188, 2474-2486.	3.8	52
111	Molecular Dissection of Internalization of <i>Porphyromonas gingivalis</i> by Cells using Fluorescent Beads Coated with Bacterial Membrane Vesicle. <i>Cell Structure and Function</i> , 2005, 30, 81-91.	1.1	50
112	Beclin 1-interacting autophagy protein Atg14L targets SNARE-associated protein Snapin to coordinate endocytic trafficking. <i>Journal of Cell Science</i> , 2012, 125, 4740-50.	2.0	50
113	Selective autophagy: Lysophagy. <i>Methods</i> , 2015, 75, 128-132.	3.8	49
114	Transgenic expression of a ratiometric autophagy probe specifically in neurons enables the interrogation of brain autophagy <i>in vivo</i> . <i>Autophagy</i> , 2019, 15, 543-557.	9.1	49
115	Defects in autophagosome-lysosome fusion underlie Vici syndrome, a neurodevelopmental disorder with multisystem involvement. <i>Scientific Reports</i> , 2017, 7, 3552.	3.3	46
116	Ubiquitination-mediated autophagy against invading bacteria. <i>Current Opinion in Cell Biology</i> , 2011, 23, 492-497.	5.4	44
117	Autophagy-activating strategies to promote innate defense against mycobacteria. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-10.	7.7	43
118	Age-dependent loss of adipose Rubicon promotes metabolic disorders via excess autophagy. <i>Nature Communications</i> , 2020, 11, 4150.	12.8	43
119	Beyond starvation: An update on the autophagic machinery and its functions. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 95, 2-10.	1.9	42
120	Cochaperone Activity of Human Butyrate-Induced Transcript 1 Facilitates Hepatitis C Virus Replication through an Hsp90-Dependent Pathway. <i>Journal of Virology</i> , 2009, 83, 10427-10436.	3.4	39
121	Molecular basis of canonical and bactericidal autophagy. <i>International Immunology</i> , 2009, 21, 1199-1204.	4.0	37
122	Bacterial secretion system skews the fate of <i>Legionella</i> -containing vacuoles towards LC3-associated phagocytosis. <i>Scientific Reports</i> , 2017, 7, 44795.	3.3	36
123	Atg4B ^{C74A} hampers autophagosome closure: A useful protein for inhibiting autophagy. <i>Autophagy</i> , 2009, 5, 88-89.	9.1	31
124	Deregulated MTOR (mechanistic target of rapamycin kinase) is responsible for autophagy defects exacerbating kidney stone development. <i>Autophagy</i> , 2020, 16, 709-723.	9.1	31
125	Degradation of the NOTCH intracellular domain by elevated autophagy in osteoblasts promotes osteoblast differentiation and alleviates osteoporosis. <i>Autophagy</i> , 2022, 18, 2323-2332.	9.1	30
126	Proteome of ubiquitin/MVB pathway: possible involvement of iron-induced ubiquitylation of transferrin receptor in lysosomal degradation. <i>Genes To Cells</i> , 2011, 16, 448-466.	1.2	29

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127	Autophagosome formation in response to intracellular bacterial invasion. <i>Cellular Microbiology</i> , 2014, 16, 1619-1626.	2.1	27
128	Age-associated decline of MondoA drives cellular senescence through impaired autophagy and mitochondrial homeostasis. <i>Cell Reports</i> , 2022, 38, 110444.	6.4	27
129	The PtdIns3-phosphatase MTMR3 interacts with mTORC1 and suppresses its activity. <i>FEBS Letters</i> , 2016, 590, 161-173.	2.8	26
130	Endothelial cells are intrinsically defective in xenophagy of <i>Streptococcus pyogenes</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006444.	4.7	26
131	Phospholipids in Autophagosome Formation and Fusion. <i>Journal of Molecular Biology</i> , 2016, 428, 4819-4827.	4.2	24
132	Autophagy Declines with Premature Skin Aging resulting in Dynamic Alterations in Skin Pigmentation and Epidermal Differentiation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5708.	4.1	21
133	Metabolic effects of RUBCN/Rubicon deficiency in kidney proximal tubular epithelial cells. <i>Autophagy</i> , 2020, 16, 1889-1904.	9.1	20
134	Regulation of lysosomal phosphoinositide balance by INPP5E is essential for autophagosome-lysosome fusion. <i>Autophagy</i> , 2016, 12, 2500-2501.	9.1	18
135	Intracellular fate of <i>Ureaplasma parvum</i> entrapped by host cellular autophagy. <i>MicrobiologyOpen</i> , 2017, 6, e00441.	3.0	18
136	Structural basis for autophagy inhibition by the human Rubicon-Rab7 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17003-17010.	7.1	18
137	Dysregulation of autophagy in melanocytes contributes to hypopigmented macules in tuberous sclerosis complex. <i>Journal of Dermatological Science</i> , 2018, 89, 155-164.	1.9	17
138	Lysophagy: A Method for Monitoring Lysosomal Rupture Followed by Autophagy-Dependent Recovery. <i>Methods in Molecular Biology</i> , 2017, 1594, 141-149.	0.9	16
139	Autophagy Creates a CTL Epitope That Mimics Tumor-Associated Antigens. <i>PLoS ONE</i> , 2012, 7, e47126.	2.5	16
140	TP53/p53-FBXO22-TFEB controls basal autophagy to govern hormesis. <i>Autophagy</i> , 2021, 17, 3776-3793.	9.1	15
141	Mediatory molecules that fuse autophagosomes and lysosomes. <i>Autophagy</i> , 2010, 6, 417-418.	9.1	14
142	Three-Axis Model for Atg Recruitment in Autophagy against <i>Salmonella</i> . <i>International Journal of Cell Biology</i> , 2012, 2012, 1-6.	2.5	14
143	ERdj8 governs the size of autophagosomes during the formation process. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	14
144	Induction of selective autophagy in cells replicating hepatitis C virus genome. <i>Journal of General Virology</i> , 2018, 99, 1643-1657.	2.9	14

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145	Autophagy-independent function of lipidated LC3 essential for TFEB activation during the lysosomal damage responses. <i>Autophagy</i> , 2021, 17, 581-583.	9.1	13
146	Regulatory Mechanisms of Autophagy-Targeted Antimicrobial Therapeutics Against Mycobacterial Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 633360.	3.9	13
147	Rubicon prevents autophagic degradation of GATA4 to promote Sertoli cell function. <i>PLoS Genetics</i> , 2021, 17, e1009688.	3.5	13
148	Vacuolar protein Tag1 and Atg13 regulate autophagy termination during persistent starvation in <i>S. cerevisiae</i> . <i>Journal of Cell Science</i> , 2021, 134, .	2.0	12
149	Autophagy system as a potential therapeutic target for neurodegenerative diseases. <i>Neurochemistry International</i> , 2022, 155, 105308.	3.8	11
150	Immunohistochemical localization of V-ATPases in rat spermatids. <i>Journal of Developmental and Physical Disabilities</i> , 2000, 23, 278-283.	3.6	10
151	Group A Streptococcus: A Loser in the Battle with Autophagy. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 217-226.	1.1	10
152	PACSIN1 is indispensable for amphisome-lysosome fusion during basal autophagy and subsets of selective autophagy. <i>PLoS Genetics</i> , 2022, 18, e1010264.	3.5	10
153	Morphological Analysis of Autophagy. <i>Methods in Molecular Biology</i> , 2012, 931, 449-466.	0.9	9
154	Starvation-induced autophagy via calcium-dependent TFEB dephosphorylation is suppressed by Shigyakusan. <i>PLoS ONE</i> , 2020, 15, e0230156.	2.5	8
155	Rubicon regulates A2E-induced autophagy impairment in the retinal pigment epithelium implicated in the pathology of age-related macular degeneration. <i>Biochemical and Biophysical Research Communications</i> , 2021, 551, 148-154.	2.1	8
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