

Beth Levine

List of Publications by Year in descending order

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Version: 2024-02-01

168
papers

98,598
citations

1883

102
h-index

5227

165
g-index

173
all docs

173
docs citations

173
times ranked

71151
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy in the Pathogenesis of Disease. Cell, 2008, 132, 27-42.	13.5	6,190
2	Autophagy fights disease through cellular self-digestion. Nature, 2008, 451, 1069-1075.	13.7	5,714
3	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
4	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
5	Methods in Mammalian Autophagy Research. Cell, 2010, 140, 313-326.	13.5	3,939
6	Development by Self-Digestion. Developmental Cell, 2004, 6, 463-477.	3.1	3,502
7	Bcl-2 Antiapoptotic Proteins Inhibit Beclin 1-Dependent Autophagy. Cell, 2005, 122, 927-939.	13.5	3,204
8	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
9	Autophagy and Viruses: Adversaries or Allies?. Journal of Innate Immunity, 2013, 5, 480-493.	1.8	3,100
10	Induction of autophagy and inhibition of tumorigenesis by beclin 1. Nature, 1999, 402, 672-676.	13.7	2,991
11	Autophagy and the Integrated Stress Response. Molecular Cell, 2010, 40, 280-293.	4.5	2,982
12	Autophagy in immunity and inflammation. Nature, 2011, 469, 323-335.	13.7	2,901
13	Autophagy in Human Health and Disease. New England Journal of Medicine, 2013, 368, 651-662.	13.9	2,188
14	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
15	Promotion of tumorigenesis by heterozygous disruption of the beclin 1 autophagy gene. Journal of Clinical Investigation, 2003, 112, 1809-1820.	3.9	1,957
16	Biological Functions of Autophagy Genes: A Disease Perspective. Cell, 2019, 176, 11-42.	13.5	1,721
17	Autophagy in cell death: an innocent convict?. Journal of Clinical Investigation, 2005, 115, 2679-2688.	3.9	1,498
18	Distinct Roles of Autophagy in the Heart During Ischemia and Reperfusion. Circulation Research, 2007, 100, 914-922.	2.0	1,379

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19	Autophagy in mammalian development and differentiation. <i>Nature Cell Biology</i> , 2010, 12, 823-830.	4.6	1,313
20	Autophagic cell death: the story of a misnomer. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 1004-1010.	16.1	1,291
21	Autophagy modulation as a potential therapeutic target for diverse diseases. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 709-730.	21.5	1,285
22	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
23	Autophagy Genes Are Essential for Dauer Development and Life-Span Extension in <i>C. elegans</i> . <i>Science</i> , 2003, 301, 1387-1391.	6.0	1,200
24	JNK1-Mediated Phosphorylation of Bcl-2 Regulates Starvation-Induced Autophagy. <i>Molecular Cell</i> , 2008, 30, 678-688.	4.5	1,176
25	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	3.5	1,012
26	Protection against Fatal Sindbis Virus Encephalitis by Beclin, a Novel Bcl-2-Interacting Protein. <i>Journal of Virology</i> , 1998, 72, 8586-8596.	1.5	991
27	Exercise-induced BCL2-regulated autophagy is required for muscle glucose homeostasis. <i>Nature</i> , 2012, 481, 511-515.	13.7	975
28	The autophagy-related protein beclin 1 shows reduced expression in early Alzheimer disease and regulates amyloid β^2 accumulation in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2190-9.	3.9	914
29	Unveiling the roles of autophagy in innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2007, 7, 767-777.	10.6	804
30	Autophagy, Immunity, and Microbial Adaptations. <i>Cell Host and Microbe</i> , 2009, 5, 527-549.	5.1	774
31	Autophagy Regulates Programmed Cell Death during the Plant Innate Immune Response. <i>Cell</i> , 2005, 121, 567-577.	13.5	758
32	Bcl-2 family members: Dual regulators of apoptosis and autophagy. <i>Autophagy</i> , 2008, 4, 600-606.	4.3	741
33	HSV-1 ICP34.5 Confers Neurovirulence by Targeting the Beclin 1 Autophagy Protein. <i>Cell Host and Microbe</i> , 2007, 1, 23-35.	5.1	733
34	Eating Oneself and Uninvited Guests. <i>Cell</i> , 2005, 120, 159-162.	13.5	726
35	Regulation of starvation- and virus-induced autophagy by the eIF2 β kinase signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 190-195.	3.3	706
36	Autophagy and cancer. <i>Nature</i> , 2007, 446, 745-747.	13.7	705

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37	Metabolic Control of Autophagy. <i>Cell</i> , 2014, 159, 1263-1276.	13.5	703
38	Cloning and Genomic Organization of Beclin 1, a Candidate Tumor Suppressor Gene on Chromosome 17q21. <i>Genomics</i> , 1999, 59, 59-65.	1.3	700
39	Cardiac autophagy is a maladaptive response to hemodynamic stress. <i>Journal of Clinical Investigation</i> , 2007, 117, 1782-1793.	3.9	672
40	Identification of a candidate therapeutic autophagy-inducing peptide. <i>Nature</i> , 2013, 494, 201-206.	13.7	669
41	Pharmacological modulation of autophagy: therapeutic potential and persisting obstacles. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 487-511.	21.5	642
42	Akt-Mediated Regulation of Autophagy and Tumorigenesis Through Beclin 1 Phosphorylation. <i>Science</i> , 2012, 338, 956-959.	6.0	630
43	Autophagy in Human Diseases. <i>New England Journal of Medicine</i> , 2020, 383, 1564-1576.	13.9	618
44	To Be or Not to Be? How Selective Autophagy and Cell Death Govern Cell Fate. <i>Cell</i> , 2014, 157, 65-75.	13.5	606
45	Autophagy Gene-Dependent Clearance of Apoptotic Cells during Embryonic Development. <i>Cell</i> , 2007, 128, 931-946.	13.5	602
46	Autophagy in Human Health and Disease. <i>New England Journal of Medicine</i> , 2013, 368, 1845-1846.	13.9	601
47	The Beclin 1 interactome. <i>Current Opinion in Cell Biology</i> , 2010, 22, 140-149.	2.6	586
48	Prohibitin 2 Is an Inner Mitochondrial Membrane Mitophagy Receptor. <i>Cell</i> , 2017, 168, 224-238.e10.	13.5	554
49	Bax-independent inhibition of apoptosis by Bcl-XL. <i>Nature</i> , 1996, 379, 554-556.	13.7	492
50	The Role of Autophagy in Mammalian Development: Cell Makeover Rather than Cell Death. <i>Developmental Cell</i> , 2008, 15, 344-357.	3.1	481
51	Autosis is a Na ⁺ ,K ⁺ -ATPase-regulated form of cell death triggered by autophagy-inducing peptides, starvation, and hypoxia-ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20364-20371.	3.3	470
52	Disruption of the beclin 1-BCL2 autophagy regulatory complex promotes longevity in mice. <i>Nature</i> , 2018, 558, 136-140.	13.7	466
53	Autophagy Protects against Sindbis Virus Infection of the Central Nervous System. <i>Cell Host and Microbe</i> , 2010, 7, 115-127.	5.1	461
54	EGFR-Mediated Beclin 1 Phosphorylation in Autophagy Suppression, Tumor Progression, and Tumor Chemoresistance. <i>Cell</i> , 2013, 154, 1269-1284.	13.5	448

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55	Image-based genome-wide siRNA screen identifies selective autophagy factors. <i>Nature</i> , 2011, 480, 113-117.	13.7	429
56	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. <i>Cancer Cell</i> , 2016, 30, 147-160.	7.7	410
57	Autophagy genes in immunity. <i>Nature Immunology</i> , 2009, 10, 461-470.	7.0	401
58	The Evolutionarily Conserved Domain of Beclin 1 is Required for Vps34 Binding, Autophagy, and Tumor Suppressor Function. <i>Autophagy</i> , 2005, 1, 46-52.	4.3	393
59	Autophagy balances inflammation in innate immunity. <i>Autophagy</i> , 2018, 14, 243-251.	4.3	393
60	Promoting the clearance of neurotoxic proteins in neurodegenerative disorders of ageing. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 660-688.	21.5	370
61	Dual Role of JNK1-mediated phosphorylation of Bcl-2 in autophagy and apoptosis regulation. <i>Autophagy</i> , 2008, 4, 949-951.	4.3	358
62	Bcl-2 family members: dual regulators of apoptosis and autophagy. <i>Autophagy</i> , 2008, 4, 600-6.	4.3	350
63	Drp1-Dependent Mitochondrial Autophagy Plays a Protective Role Against Pressure Overload-Induced Mitochondrial Dysfunction and Heart Failure. <i>Circulation</i> , 2016, 133, 1249-1263.	1.6	348
64	PKR-Dependent Xenophagic Degradation of Herpes Simplex Virus Type 1. <i>Autophagy</i> , 2006, 2, 24-29.	4.3	336
65	Cyclic GMP-AMP Synthase Is an Innate Immune DNA Sensor for <i>Mycobacterium tuberculosis</i> . <i>Cell Host and Microbe</i> , 2015, 17, 820-828.	5.1	327
66	Autophagy and the cell biology of age-related disease. <i>Nature Cell Biology</i> , 2018, 20, 1338-1348.	4.6	312
67	Autophagy is Required for Dietary Restriction-Mediated Life Span Extension in <i>C. elegans</i> . <i>Autophagy</i> , 2007, 3, 597-599.	4.3	299
68	Bcl-2 Inhibition of Autophagy: A New Route to Cancer?: Figure 1.. <i>Cancer Research</i> , 2006, 66, 2885-2888.	0.4	277
69	Development of autophagy inducers in clinical medicine. <i>Journal of Clinical Investigation</i> , 2015, 125, 14-24.	3.9	274
70	TRIM Proteins Regulate Autophagy and Can Target Autophagic Substrates by Direct Recognition. <i>Developmental Cell</i> , 2014, 30, 394-409.	3.1	269
71	Intestinal Epithelial Autophagy Is Essential for Host Defense against Invasive Bacteria. <i>Cell Host and Microbe</i> , 2013, 13, 723-734.	5.1	263
72	A comprehensive glossary of autophagy-related molecules and processes (2 nd edition). <i>Autophagy</i> , 2011, 7, 1273-1294.	4.3	255

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73	Beclin-1-Dependent Autophagy Protects the Heart During Sepsis. <i>Circulation</i> , 2018, 138, 2247-2262.	1.6	255
74	Role of JNK1-dependent Bcl-2 Phosphorylation in Ceramide-induced Macroautophagy. <i>Journal of Biological Chemistry</i> , 2009, 284, 2719-2728.	1.6	240
75	Viruses and autophagy. <i>Reviews in Medical Virology</i> , 2009, 19, 359-378.	3.9	237
76	Autophagy genes protect against <i>Salmonella typhimurium</i> infection and mediate insulin signaling-regulated pathogen resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14564-14569.	3.3	215
77	Autophagy is an adaptive response in desmin-related cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9745-9750.	3.3	209
78	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. <i>EMBO Journal</i> , 2011, 30, 1195-1208.	3.5	206
79	Fanconi Anemia Proteins Function in Mitophagy and Immunity. <i>Cell</i> , 2016, 165, 867-881.	13.5	205
80	p53: The Janus of autophagy?. <i>Nature Cell Biology</i> , 2008, 10, 637-639.	4.6	198
81	Exercise induces autophagy in peripheral tissues and in the brain. <i>Autophagy</i> , 2012, 8, 1548-1551.	4.3	196
82	The Ubiquitin Ligase Smurf1 Functions in Selective Autophagy of Mycobacterium tuberculosis and Anti-tuberculous Host Defense. <i>Cell Host and Microbe</i> , 2017, 21, 59-72.	5.1	184
83	GABARAPs regulate PI4P-dependent autophagosome:lysosome fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7015-7020.	3.3	161
84	The stress-responsive kinases MAPKAPK2/MAPKAPK3 activate starvation-induced autophagy through Beclin 1 phosphorylation. <i>ELife</i> , 2015, 4, .	2.8	159
85	Molecular basis of the regulation of Beclin 1-dependent autophagy by the $\hat{1}^3$ -herpesvirus 68 Bcl-2 homolog M11. <i>Autophagy</i> , 2008, 4, 989-997.	4.3	151
86	How Shall I Eat Thee?. <i>Autophagy</i> , 2007, 3, 413-416.	4.3	145
87	Autophagy in cellular growth control. <i>FEBS Letters</i> , 2010, 584, 1417-1426.	1.3	145
88	A comprehensive glossary of autophagy-related molecules and processes. <i>Autophagy</i> , 2010, 6, 438-448.	4.3	144
89	$\hat{1}^{\pm}$ Klotho Mitigates Progression of AKI to CKD through Activation of Autophagy. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2331-2345.	3.0	142
90	Analysis of the Role of Autophagy in Replication of Herpes Simplex Virus in Cell Culture. <i>Journal of Virology</i> , 2007, 81, 12128-12134.	1.5	141

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91	Beclin orthologs: integrative hubs of cell signaling, membrane trafficking, and physiology. <i>Trends in Cell Biology</i> , 2015, 25, 533-544.	3.6	139
92	A Noncanonical Autophagy Pathway Restricts <i>Toxoplasma gondii</i> Growth in a Strain-Specific Manner in IFN- β -Activated Human Cells. <i>MBio</i> , 2015, 6, e01157-15.	1.8	137
93	Autophagy Genes Protect Against Disease Caused by Polyglutamine Expansion Proteins in <i>Caenorhabditis elegans</i> . <i>Autophagy</i> , 2007, 3, 21-25.	4.3	136
94	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
95	Beclin 2 Functions in Autophagy, Degradation of G Protein-Coupled Receptors, and Metabolism. <i>Cell</i> , 2013, 154, 1085-1099.	13.5	130
96	Cell Penetration Profiling Using the Chloroalkane Penetration Assay. <i>Journal of the American Chemical Society</i> , 2018, 140, 11360-11369.	6.6	125
97	Diversity-Oriented Stapling Yields Intrinsically Cell-Penetrant Inducers of Autophagy. <i>Journal of the American Chemical Society</i> , 2017, 139, 7792-7802.	6.6	121
98	Sindbis Virus Induces Apoptosis through a Caspase-Dependent, CrmA-Sensitive Pathway. <i>Journal of Virology</i> , 1998, 72, 452-459.	1.5	121
99	A Becln1 mutation mediates hyperactive autophagic sequestration of amyloid oligomers and improved cognition in Alzheimer's disease. <i>PLoS Genetics</i> , 2017, 13, e1006962.	1.5	120
100	Autophagy is essential for cardiac morphogenesis during vertebrate development. <i>Autophagy</i> , 2014, 10, 572-587.	4.3	117
101	The role of antibody in recovery from alphavirus encephalitis. <i>Immunological Reviews</i> , 1997, 159, 155-161.	2.8	114
102	Autophagy and innate immunity: Triggering, targeting and tuning. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 699-711.	2.3	113
103	Autophagy and Cancer Metabolism. <i>Methods in Enzymology</i> , 2014, 542, 25-57.	0.4	108
104	Autophagy, antiviral immunity, and viral countermeasures. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1478-1484.	1.9	106
105	Increased autophagy blocks HER2-mediated breast tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4176-4181.	3.3	106
106	Identification of secreted proteins that reflect autophagy dynamics within tumor cells. <i>Autophagy</i> , 2015, 11, 60-74.	4.3	101
107	An increase in LRRK2 suppresses autophagy and enhances Dectin-1-induced immunity in a mouse model of colitis. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	98
108	Decreased BECN1 mRNA Expression in Human Breast Cancer is Associated With Estrogen Receptor-Negative Subtypes and Poor Prognosis. <i>EBioMedicine</i> , 2015, 2, 255-263.	2.7	95

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109	Identification of Genes Involved in the Host Response to Neurovirulent Alphavirus Infection. <i>Journal of Virology</i> , 2001, 75, 10431-10445.	1.5	92
110	Loss of Paneth Cell Autophagy Causes Acute Susceptibility to <i>Toxoplasma gondii</i> -Mediated Inflammation. <i>Cell Host and Microbe</i> , 2018, 23, 177-190.e4.	5.1	90
111	Pathogenic role of BECN1/Beclin 1 in the development of amyotrophic lateral sclerosis. <i>Autophagy</i> , 2014, 10, 1256-1271.	4.3	89
112	Autophagy in <i>C. elegans</i> . <i>WormBook</i> , 2009, , 1-26.	5.3	82
113	Unraveling the Role of Autophagy in Cancer. <i>Autophagy</i> , 2006, 2, 65-66.	4.3	79
114	Ceramide-induced autophagy: To junk or to protect cells?. <i>Autophagy</i> , 2009, 5, 558-560.	4.3	79
115	BAX and BAK1 are dispensable for ABT-737-induced dissociation of the BCL2-BECN1 complex and autophagy. <i>Autophagy</i> , 2015, 11, 452-459.	4.3	79
116	mTORC1 hyperactivation arrests bone growth in lysosomal storage disorders by suppressing autophagy. <i>Journal of Clinical Investigation</i> , 2017, 127, 3717-3729.	3.9	76
117	Viral evasion of autophagy. <i>Autophagy</i> , 2008, 4, 280-285.	4.3	75
118	Autophagy and viral neurovirulence. <i>Cellular Microbiology</i> , 2008, 10, 1747-1756.	1.1	74
119	The CD40-Autophagy Pathway Is Needed for Host Protection Despite IFN- γ -Dependent Immunity and CD40 Induces Autophagy via Control of P21 Levels. <i>PLoS ONE</i> , 2010, 5, e14472.	1.1	65
120	Selective autophagy and viruses. <i>Autophagy</i> , 2011, 7, 260-265.	4.3	64
121	Sorting nexin 5 mediates virus-induced autophagy and immunity. <i>Nature</i> , 2021, 589, 456-461.	13.7	61
122	Microfold Cells Actively Translocate <i>Mycobacterium tuberculosis</i> to Initiate Infection. <i>Cell Reports</i> , 2016, 16, 1253-1258.	2.9	59
123	Peroxisomal protein <sc>PEX</sc> 13 functions in selective autophagy. <i>EMBO Reports</i> , 2017, 18, 48-60.	2.0	59
124	High-Throughput Screens To Identify Autophagy Inducers That Function by Disrupting Beclin 1/Bcl-2 Binding. <i>ACS Chemical Biology</i> , 2018, 13, 2247-2260.	1.6	57
125	Autophagy Genes Enhance Murine Gammaherpesvirus 68 Reactivation from Latency by Preventing Virus-Induced Systemic Inflammation. <i>Cell Host and Microbe</i> , 2016, 19, 91-101.	5.1	56
126	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

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127	Tumor-suppressor function of Beclin 1 in breast cancer cells requires E-cadherin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	50
128	Sindbis Virus Vector System for Functional Analysis of Apoptosis Regulators. Methods in Enzymology, 2000, 322, 492-508.	0.4	46
129	TLR9 and beclin1 crosstalk regulates muscle AMPK activation in exercise. Nature, 2020, 578, 605-609.	13.7	46
130	Autophagy genes function in apoptotic cell corpse clearance during <i>C. elegans</i> embryonic development. Autophagy, 2013, 9, 138-149.	4.3	45
131	Targeting β -Herpesvirus 68 Bcl-2-mediated Down-regulation of Autophagy. Journal of Biological Chemistry, 2014, 289, 8029-8040.	1.6	41
132	Emerging functions of the Fanconi anemia pathway at a glance. Journal of Cell Science, 2017, 130, 2657-2662.	1.2	38
133	Interaction between the autophagy protein Beclin 1 and Na ⁺ ,K ⁺ -ATPase during starvation, exercise, and ischemia. JCI Insight, 2020, 5, .	2.3	37
134	Calcipotriol Induces Autophagy in HeLa Cells and Keratinocytes. Journal of Investigative Dermatology, 2011, 131, 990-993.	0.3	35
135	Autophagy stimulation reduces ocular hypertension in a murine glaucoma model via autophagic degradation of mutant myocilin. JCI Insight, 2021, 6, .	2.3	35
136	Downregulation of autophagy is associated with severe ischemia-reperfusion-induced acute kidney injury in overexpressing C-reactive protein mice. PLoS ONE, 2017, 12, e0181848.	1.1	35
137	Does Autophagy Mediate Cardiac Myocyte Death During Stress?. Circulation Research, 2016, 119, 893-895.	2.0	33
138	SnapShot: Macroautophagy. Cell, 2008, 132, 162.e1-162.e3.	13.5	32
139	GABARAP-mediated targeting of PI4K2A/PI4KIII α to autophagosomes regulates PtdIns4P-dependent autophagosome-lysosome fusion. Autophagy, 2015, 11, 2127-2129.	4.3	29
140	Autophagy in Mammalian Antiviral Immunity. Current Topics in Microbiology and Immunology, 2009, 335, 267-285.	0.7	29
141	SnapShot of the network. Nature, 2010, 466, 38-39.	13.7	23
142	Autophagy and Longevity: Lessons from <i>C. elegans</i> . Advances in Experimental Medicine and Biology, 2010, 694, 47-60.	0.8	22
143	GLIPR2 is a negative regulator of autophagy and the BECN1-ATG14-containing phosphatidylinositol 3-kinase complex. Autophagy, 2021, 17, 2891-2904.	4.3	22
144	STING controls energy stress-induced autophagy and energy metabolism via STX17. Journal of Cell Biology, 2022, 221, .	2.3	21

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145	Inheriting Maternal mtDNA. <i>Science</i> , 2011, 334, 1069-1070.	6.0	20
146	Computational detection and suppression of sequence-specific off-target phenotypes from whole genome RNAi screens. <i>Nucleic Acids Research</i> , 2014, 42, 8214-8222.	6.5	20
147	Enhanced autophagy in <i>Becn1^{F121A/F121A}</i> knockin mice counteracts aging-related neural stem cell exhaustion and dysfunction. <i>Autophagy</i> , 2022, 18, 409-422.	4.3	19
148	The tripartite interaction of phosphate, autophagy, and Klotho in health maintenance. <i>FASEB Journal</i> , 2020, 34, 3129-3150.	0.2	18
149	Endolysosomal trafficking of viral G protein-coupled receptor functions in innate immunity and control of viral oncogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2994-2999.	3.3	17
150	Genetic inhibition of autophagy promotes p53 loss-of-heterozygosity and tumorigenesis. <i>Oncotarget</i> , 2016, 7, 67919-67933.	0.8	17
151	Beclin 2 negatively regulates innate immune signaling and tumor development. <i>Journal of Clinical Investigation</i> , 2020, 130, 5349-5369.	3.9	16
152	HIV and CXCR4 in a kiss of autophagic death. <i>Journal of Clinical Investigation</i> , 2006, 116, 2078-2080.	3.9	16
153	Structural insights into the interaction of the conserved mammalian proteins GAPR-1 and Beclin 1, a key autophagy protein. <i>Acta Crystallographica Section D: Structural Biology</i> , 2017, 73, 775-792.	1.1	14
154	The Autophagy-Related Beclin-1 Protein Requires the Coiled-Coil and BARA Domains To Form a Homodimer with Submicromolar Affinity. <i>Biochemistry</i> , 2017, 56, 6639-6651.	1.2	14
155	BECN2 interacts with ATG14 through a metastable coiled-coil to mediate autophagy. <i>Protein Science</i> , 2017, 26, 972-984.	3.1	10
156	An autophagy-related protein <i>Becn2</i> regulates cocaine reward behaviors in the dopaminergic system. <i>Science Advances</i> , 2021, 7, .	4.7	9
157	Autophagy in development, tumor suppression, and innate immunity. <i>Harvey Lectures</i> , 2003, 99, 47-76.	0.2	9
158	Protective Effect of SMAD6-specific E3 Ubiquitin Protein Ligase 1 in Alcoholic Steatohepatitis in Mice. <i>Hepatology Communications</i> , 2019, 3, 1450-1458.	2.0	7
159	iScreen: Image-Based High-Content RNAi Screening Analysis Tools. <i>Journal of Biomolecular Screening</i> , 2015, 20, 998-1002.	2.6	6
160	Quantitative phosphoproteomic analyses identify STK11IP as a lysosome-specific substrate of mTORC1 that regulates lysosomal acidification. <i>Nature Communications</i> , 2022, 13, 1760.	5.8	6
161	Novel functions of Fanconi anemia proteins in selective autophagy and inflammation. <i>Oncotarget</i> , 2016, 7, 50820-50821.	0.8	5
162	Response by Shirakabe et al to Letter Regarding Article, "Drp1-Dependent Mitochondrial Autophagy Plays a Protective Role Against Pressure Overload-Induced Mitochondrial Dysfunction and Heart Failure". <i>Circulation</i> , 2016, 134, e75-6.	1.6	4

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163	Digesting Oneself and Digesting Microbes. , 2005, , 245-279.		4
164	Autophagy in Antiviral Host Defense. , 2006, , 227-241.		2
165	Closing the loop. Science, 2016, 354, 968-969.	6.0	2
166	FANCL supports Parkin-mediated mitophagy in a ubiquitin ligase-independent manner. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166453.	1.8	2
167	FRET: A Spectral Ruler for Interacting Molecules Involved in Apoptosis. Microscopy and Microanalysis, 2000, 6, 830-831.	0.2	1
168	BECN Homologs And ATG14 Form A Metastable Coiled-Coil To Mediate Autophagy. FASEB Journal, 2017, 31, 760.24.	0.2	0