

Wei Liu

List of Publications by Year in descending order

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43
papers

7,589
citations

236925

25
h-index

254184

43
g-index

43
all docs

43
docs citations

43
times ranked

17471
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	Deacetylation of Nuclear LC3 Drives Autophagy Initiation under Starvation. <i>Molecular Cell</i> , 2015, 57, 456-466.	9.7	525
3	AMPK-Dependent Phosphorylation of GAPDH Triggers Sirt1 Activation and Is Necessary for Autophagy upon Glucose Starvation. <i>Molecular Cell</i> , 2015, 60, 930-940.	9.7	222
4	Neural stem cell-derived small extracellular vesicles attenuate apoptosis and neuroinflammation after traumatic spinal cord injury by activating autophagy. <i>Cell Death and Disease</i> , 2019, 10, 340.	6.3	209
5	Identifying an essential role of nuclear LC3 for autophagy. <i>Autophagy</i> , 2015, 11, 852-853.	9.1	152
6	Hepatitis B virus X protein inhibits autophagic degradation by impairing lysosomal maturation. <i>Autophagy</i> , 2014, 10, 416-430.	9.1	144
7	mTORC1 Phosphorylates Acetyltransferase p300 to Regulate Autophagy and Lipogenesis. <i>Molecular Cell</i> , 2017, 68, 323-335.e6.	9.7	128
8	VPS34 Acetylation Controls Its Lipid Kinase Activity and the Initiation of Canonical and Non-canonical Autophagy. <i>Molecular Cell</i> , 2017, 67, 907-921.e7.	9.7	110
9	mTORC1-Regulated and HUWE1-Mediated WIPI2 Degradation Controls Autophagy Flux. <i>Molecular Cell</i> , 2018, 72, 303-315.e6.	9.7	101
10	AP1 is essential for generation of autophagosomes from trans-Golgi network. <i>Journal of Cell Science</i> , 2012, 125, 1706-15.	2.0	100
11	Acetyltransferase GCN5 regulates autophagy and lysosome biogenesis by targeting TFEB. <i>EMBO Reports</i> , 2020, 21, e48335.	4.5	90
12	Requirement for p62 acetylation in the aggregation of ubiquitylated proteins under nutrient stress. <i>Nature Communications</i> , 2019, 10, 5792.	12.8	83
13	<sc>FAM</sc> 134B oligomerization drives endoplasmic reticulum membrane scission for <sc>ER</sc> â€phagy. <i>EMBO Journal</i> , 2020, 39, e102608.	7.8	83
14	Hepatitis B virus X protein stimulates IL-6 expression in hepatocytes via a MyD88-dependent pathway. <i>Journal of Hepatology</i> , 2011, 54, 26-33.	3.7	77
15	Pacer Is a Mediator of mTORC1 and GSK3-TIP60 Signaling in Regulation of Autophagosome Maturation and Lipid Metabolism. <i>Molecular Cell</i> , 2019, 73, 788-802.e7.	9.7	77
16	RAB2 regulates the formation of autophagosome and autolysosome in mammalian cells. <i>Autophagy</i> , 2019, 15, 1774-1786.	9.1	74
17	MxA inhibits hepatitis B virus replication by interaction with hepatitis B core antigen. <i>Hepatology</i> , 2012, 56, 803-811.	7.3	73
18	Dissection of autophagy in human platelets. <i>Autophagy</i> , 2014, 10, 642-651.	9.1	72

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19	Pacer Mediates the Function of Class III PI3K and HOPS Complexes in Autophagosome Maturation by Engaging Stx17. <i>Molecular Cell</i> , 2017, 65, 1029-1043.e5.	9.7	70
20	Acetylation of STX17 (syntaxin 17) controls autophagosome maturation. <i>Autophagy</i> , 2021, 17, 1157-1169.	9.1	61
21	PrLZ increases prostate cancer docetaxel resistance by inhibiting LKB1/AMPK-mediated autophagy. <i>Theranostics</i> , 2018, 8, 109-123.	10.0	52
22	TP53INP2 contributes to autophagosome formation by promoting LC3-ATG7 interaction. <i>Autophagy</i> , 2019, 15, 1309-1321.	9.1	50
23	MicroRNA-421-3p-abundant small extracellular vesicles derived from M2 bone marrow-derived macrophages attenuate apoptosis and promote motor function recovery via inhibition of mTOR in spinal cord injury. <i>Journal of Nanobiotechnology</i> , 2020, 18, 72.	9.1	43
24	Resveratrol-induced Sirt1 phosphorylation by LKB1 mediates mitochondrial metabolism. <i>Journal of Biological Chemistry</i> , 2021, 297, 100929.	3.4	33
25	Engineering a pharmacologically superior form of granulocyte-colony-stimulating factor by fusion with gelatin-like-protein polymer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 435-441.	4.3	27
26	Atg11 is required for initiation of glucose starvation-induced autophagy. <i>Autophagy</i> , 2020, 16, 2206-2218.	9.1	26
27	TP53INP2/DOR, a mediator of cell autophagy, promotes rDNA transcription via facilitating the assembly of the POLR1/RNA polymerase I preinitiation complex at rDNA promoters. <i>Autophagy</i> , 2016, 12, 1118-1128.	9.1	25
28	SIRT1 coordinates with the CRL4B complex to regulate pancreatic cancer stem cells to promote tumorigenesis. <i>Cell Death and Differentiation</i> , 2021, 28, 3329-3343.	11.2	24
29	MTORC1 regulates autophagic membrane growth by targeting WIPI2. <i>Autophagy</i> , 2019, 15, 742-743.	9.1	18
30	NudCL2 is an autophagy receptor that mediates selective autophagic degradation of CP110 at mother centrioles to promote ciliogenesis. <i>Cell Research</i> , 2021, 31, 1199-1211.	12.0	16
31	A Destiny for Degradation: Interplay between Cullin-RING E3 Ligases and Autophagy. <i>Trends in Cell Biology</i> , 2021, 31, 432-444.	7.9	15
32	Acetylation of SCFD1 regulates SNARE complex formation and autophagosome-lysosome fusion. <i>Autophagy</i> , 2023, 19, 189-203.	9.1	14
33	NudCL2 is an Hsp90 cochaperone to regulate sister chromatid cohesion by stabilizing cohesin subunits. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 381-395.	5.4	13
34	Locked Nucleic Acid Pentamers as Universal PCR Primers for Genomic DNA Amplification. <i>PLoS ONE</i> , 2008, 3, e3701.	2.5	11
35	Mammalian Atg9 contributes to the post-Golgi transport of lysosomal hydrolases by interacting with adaptor protein 1. <i>FEBS Letters</i> , 2017, 591, 4027-4038.	2.8	11
36	Hepatitis B virus core protein interacts with CD59 to promote complement-mediated liver inflammation during chronic hepatitis B virus infection. <i>FEBS Letters</i> , 2013, 587, 3314-3320.	2.8	10

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37	PIK3C3/VPS34 control by acetylation. <i>Autophagy</i> , 2017, 14, 1-2.	9.1	10
38	NudCL2 regulates cell migration by stabilizing both myosin-9 and LIS1 with Hsp90. <i>Cell Death and Disease</i> , 2020, 11, 534.	6.3	10
39	WIPI2 positively regulates mitophagy by promoting mitochondrial recruitment of VCP. <i>Autophagy</i> , 2022, 18, 2865-2879.	9.1	8
40	Atg1-mediated Atg11 phosphorylation is required for selective autophagy by regulating its association with receptor proteins. <i>Autophagy</i> , 2023, 19, 180-188.	9.1	8
41	NudC-like protein 2 restrains centriole amplification by stabilizing HERC2. <i>Cell Death and Disease</i> , 2019, 10, 628.	6.3	6
42	Shedding New Light on Methylmercury-induced Neurotoxicity Through the Crosstalk Between Autophagy and Apoptosis. <i>Toxicology Letters</i> , 2022, , .	0.8	5
43	NudC L279P Mutation Destabilizes Filamin A by Inhibiting the Hsp90 Chaperoning Pathway and Suppresses Cell Migration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671233.	3.7	2