

# Congcong He

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

12,241  
citations

21  
h-index

49  
g-index

49  
ext. papers

13,700  
ext. citations

10.3  
avg, IF

6.11  
L-index

#	Paper	IF	Citations
40	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
39	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-546	10.2	2783
38	Regulation mechanisms and signaling pathways of autophagy. <i>Annual Review of Genetics</i> , <b>2009</b> , 43, 67-93	14.5	2661
37	Exercise-induced BCL2-regulated autophagy is required for muscle glucose homeostasis. <i>Nature</i> , <b>2012</b> , 481, 511-5	50.4	814
36	The Beclin 1 interactome. <i>Current Opinion in Cell Biology</i> , <b>2010</b> , 22, 140-9	9	515
35	Disruption of the beclin 1-BCL2 autophagy regulatory complex promotes longevity in mice. <i>Nature</i> , <b>2018</b> , 558, 136-140	50.4	287
34	Exercise induces autophagy in peripheral tissues and in the brain. <i>Autophagy</i> , <b>2012</b> , 8, 1548-51	10.2	163
33	Recruitment of Atg9 to the preautophagosomal structure by Atg11 is essential for selective autophagy in budding yeast. <i>Journal of Cell Biology</i> , <b>2006</b> , 175, 925-35	7.3	161
32	Assaying autophagic activity in transgenic GFP-Lc3 and GFP-Gabarap zebrafish embryos. <i>Autophagy</i> , <b>2009</b> , 5, 520-6	10.2	134
31	Beclin 2 functions in autophagy, degradation of G protein-coupled receptors, and metabolism. <i>Cell</i> , <b>2013</b> , 154, 1085-1099	56.2	115
30	Arp2 links autophagic machinery with the actin cytoskeleton. <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 1963-75	7.5	96
29	Self-interaction is critical for Atg9 transport and function at the phagophore assembly site during autophagy. <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 5506-16	3.5	88
28	A Becn1 mutation mediates hyperactive autophagic sequestration of amyloid oligomers and improved cognition in Alzheimers disease. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006962	6	76
27	Tap42-associated protein phosphatase type 2A negatively regulates induction of autophagy. <i>Autophagy</i> , <b>2009</b> , 5, 616-24	10.2	63
26	Autophagy Differentially Regulates Insulin Production and Insulin Sensitivity. <i>Cell Reports</i> , <b>2018</b> , 23, 3286-3295	10.2	58
25	Atg9 trafficking in autophagy-related pathways. <i>Autophagy</i> , <b>2007</b> , 3, 271-4	10.2	47
24	Identification of natural products with neuronal and metabolic benefits through autophagy induction. <i>Autophagy</i> , <b>2017</b> , 13, 41-56	10.2	43

23	Analyzing autophagy in zebrafish. <i>Autophagy</i> , <b>2010</b> , 6, 642-4	10.2	40
22	Emerging roles of autophagy in metabolism and metabolic disorders. <i>Frontiers in Biology</i> , <b>2015</b> , 10, 154-164		34
21	Autophagy and neurodegeneration. <i>ACS Chemical Biology</i> , <b>2006</b> , 1, 211-3	4.9	34
20	MicroRNAs-103/107 coordinately regulate macropinocytosis and autophagy. <i>Journal of Cell Biology</i> , <b>2016</b> , 215, 667-685	7.3	30
19	Alkali-soluble polysaccharides from mushroom fruiting bodies improve insulin resistance. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 126, 466-474	7.9	21
18	The roles and mechanisms of homogalacturonan and rhamnogalacturonan I pectins on the inhibition of cell migration. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 106, 207-217	7.9	18
17	SNAPIN is critical for lysosomal acidification and autophagosome maturation in macrophages. <i>Autophagy</i> , <b>2017</b> , 13, 285-301	10.2	17
16	Regulation of Exercise-Induced Autophagy in Skeletal Muscle. <i>Current Pathobiology Reports</i> , <b>2017</b> , 5, 177-186	2	16
15	Double duty of Atg9 self-association in autophagosome biogenesis. <i>Autophagy</i> , <b>2009</b> , 5, 385-7	10.2	16
14	Activating Autophagy by Aerobic Exercise in Mice. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	13
13	MicroRNAs-103/107 Regulate Autophagy in the Epidermis. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 1481-1490	4.3	11
12	Autophagy activation by novel inducers prevents BECN2-mediated drug tolerance to cannabinoids. <i>Autophagy</i> , <b>2016</b> , 12, 1460-71	10.2	11
11	The BECN1-BCL2 complex regulates insulin secretion and storage in mice. <i>Autophagy</i> , <b>2018</b> , 14, 2026-2028.2	10.2	7
10	Free fatty acid receptor 3 differentially contributes to cell compensation under high-fat diet and streptozotocin stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2020</b> , 318, R691-R700	3.2	6
9	Autophagy plays a positive role in induction of epidermal proliferation. <i>FASEB Journal</i> , <b>2020</b> , 34, 10657-10667	10.6	3
8	The autophagy protein Becn1 improves insulin sensitivity by promoting adiponectin secretion via exocyst binding. <i>Cell Reports</i> , <b>2021</b> , 35, 109184	10.6	3
7	An autophagy-related protein Becn2 regulates cocaine reward behaviors in the dopaminergic system. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	3
6	Regulation of plasma membrane receptors by a new autophagy-related BECN/Beclin family member. <i>Autophagy</i> , <b>2014</b> , 10, 1472-3	10.2	1

5	Ginsenoside Compound K Protects against Obesity through Pharmacological Targeting of Glucocorticoid Receptor to Activate Lipophagy and Lipid Metabolism. <i>Pharmaceutics</i> , <b>2022</b> , 14, 1192	6.4	1
4	The secretory function of BECN1 in metabolic regulation. <i>Autophagy</i> , <b>2021</b> , 17, 3262-3263	10.2	0
3	168-OR: Autophagy Improves Insulin Sensitivity by Regulating Adiponectin Secretion. <i>Diabetes</i> , <b>2019</b> , 68, 168-OR	0.9	
2	1897-P: BECN1, a Key Autophagy Protein, Regulates Adiponectin Secretion in Adipocytes by Interacting with the Exocyst Components. <i>Diabetes</i> , <b>2020</b> , 69, 1897-P	0.9	
1	Mechanisms of autophagy: the machinery of macroautophagy and points of control <b>2022</b> , 9-19		