Zhiping Xie

List of Publications by Year in descending order

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39 papers	13,640 citations	279798 23 h-index	302126 39 g-index
41 all docs	41 docs citations	41 times ranked	24338 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Autophagosome formation: core machinery and adaptations. Nature Cell Biology, 2007, 9, 1102-1109.	10.3	1,938
4	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (edition	9.1	1,430
5	Atg8 Controls Phagophore Expansion during Autophagosome Formation. Molecular Biology of the Cell, 2008, 19, 3290-3298.	2.1	642
6	Function and Molecular Mechanism of Acetylation in Autophagy Regulation. Science, 2012, 336, 474-477.	12.6	220
7	Selective autophagy of intracellular organelles: Recent research advances. Theranostics, 2021, 11, 222-256.	10.0	207
8	Dual roles of Atg8â^'PE deconjugation by Atg4 in autophagy. Autophagy, 2012, 8, 883-892.	9.1	196
9	A role for Atg8â€“PE deconjugation in autophagosome biogenesis. Autophagy, 2012, 8, 780-793.	9.1	184
10	Rab5-dependent autophagosome closure by ESCRT. Journal of Cell Biology, 2019, 218, 1908-1927.	5.2	125
11	Roles of the Lipid-binding Motifs of Atg18 and Atg21 in the Cytoplasm to Vacuole Targeting Pathway and Autophagy. Journal of Biological Chemistry, 2010, 285, 11476-11488.	3.4	109
12	Ume6 transcription factor is part of a signaling cascade that regulates autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11206-11210.	7.1	100
13	Sonic hedgehog promotes autophagy of vascular smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H1319-H1331.	3.2	72
14	Estimating the size and number of autophagic bodies by electron microscopy. Autophagy, 2014, 10, 155-164.	9.1	56
15	A Vps21 endocytic module regulates autophagy. Molecular Biology of the Cell, 2014, 25, 3166-3177.	2.1	55
16	Storage lipid synthesis is necessary for autophagy induced by nitrogen starvation. FEBS Letters, 2015, 589, 269-276.	2.8	52
17	A Rab5 GTPase module is important for autophagosome closure. PLoS Genetics, 2017, 13, e1007020.	3.5	51
18	Intramolecular chaperone-mediated secretion of an Rhs effector toxin by a type VI secretion system. Nature Communications, 2020, 11, 1865.	12.8	46

#	Article	IF	Citations
19	Distinct temporal requirements for autophagy and the proteasome in yeast meiosis. Autophagy, 2016, 12, 671-688.	9.1	42
20	Trs130 Participates in Autophagy Through <scp>GTPases</scp> Ypt31/32 in Saccharomyces cerevisiae. Traffic, 2013, 14, 233-246.	2.7	30
21	A Validated Set of Fluorescent-Protein-Based Markers for Major Organelles in Yeast (Saccharomyces) Tj ETQq1 1 0.784314 rgBT /Over	4.1	28
22	The Elp2 Subunit Is Essential for Elongator Complex Assembly and Functional Regulation. Structure, 2015, 23, 1078-1086.	3.3	27
23	Deficiency of hepatocystin induces autophagy through an mTOR-dependent pathway. Autophagy, 2011, 7, 748-759.	9.1	25
24	Indirect estimation of the area density of Atg8 on the phagophore. Autophagy, 2009, 5, 217-220.	9.1	23
25	A fluorescent tool set for yeast Atg proteins. Autophagy, 2015, 11, 954-960.	9.1	22
26	PtdIns4P restriction by hydrolase SAC1 decides specific fusion of autophagosomes with lysosomes. Autophagy, 2021, 17, 1907-1917.	9.1	22
27	Dissecting autophagosome formation: The missing pieces. Autophagy, 2008, 4, 920-922.	9.1	20
28	Automated yeast cells segmentation and counting using a parallel U-Net based two-stage framework. OSA Continuum, 2020, 3, 982.	1.8	20
29	Assays for Autophagy I: The Cvt Pathway and Nonselective Autophagy. Methods in Molecular Biology, 2014, 1163, 153-164.	0.9	14
30	Membrane recruitment of Atg8 by Hfl1 facilitates turnover of vacuolar membrane proteins in yeast cells approaching stationary phase. BMC Biology, 2021, 19, 117.	3.8	13
31	The Ccl1-Kin28 kinase complex regulates autophagy under nitrogen starvation. Journal of Cell Science, 2015, 129, 135-44.	2.0	12
32	Excess diacylglycerol at the endoplasmic reticulum disrupts endomembrane homeostasis and autophagy. BMC Biology, 2020, 18, 107.	3.8	12
33	Genomeâ€wide screening of budding yeast with honokiol to associate mitochondrial function with lipid metabolism. Traffic, 2018, 19, 867-878.	2.7	8
34	Atg9-centered multi-omics integration reveals new autophagy regulators inSaccharomyces cerevisiae. Autophagy, 2021, 17, 4453-4476.	9.1	6
35	Slx5pâ€Slx8p Promotes Accurate Chromosome Segregation by Mediating the Degradation of Synaptonemal Complex Components during Meiosis. Advanced Science, 2020, 7, 1900739.	11.2	3
36	Assays for Autophagy III: Observing Dynamic Protein Trafficking. Methods in Molecular Biology, 2021, 2196, 211-222.	0.9	2

#	Article	IF	Citations
37	Yeast Lipid Extraction and Analysis by HPTLC. Bio-protocol, 2021, 11, e4081.	0.4	1
38	Visualizing Yeast Organelles with Fluorescent Protein Markers. Journal of Visualized Experiments, 2022, , .	0.3	1
39	A Validated Set of Ascorbate Peroxidase-Based Organelle Markers for Electron Microscopy of Saccharomyces cerevisiae. MSphere, 2022, 7, .	2.9	1