

Steven K Backues

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

5,648
citations

566801

15
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

12102
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2012, 8, 445-544.	4.3	1,430
3	Dynamics of <i>Arabidopsis</i> Dynamin-Related Protein 1C and a Clathrin Light Chain at the Plasma Membrane. <i>Plant Cell</i> , 2008, 20, 1363-1380.	3.1	207
4	Ume6 transcription factor is part of a signaling cascade that regulates autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11206-11210.	3.3	100
5	Loss of <i>Arabidopsis thaliana</i> Dynamin-Related Protein 2B Reveals Separation of Innate Immune Signaling Pathways. <i>PLoS Pathogens</i> , 2014, 10, e1004578.	2.1	96
6	Rph1/KDM4 Mediates Nutrient-Limitation Signaling that Leads to the Transcriptional Induction of Autophagy. <i>Current Biology</i> , 2015, 25, 546-555.	1.8	96
7	The <i>Arabidopsis</i> Dynamin-Related Protein2 Family Is Essential for Gametophyte Development. <i>Plant Cell</i> , 2010, 22, 3218-3231.	3.1	88
8	Atg41/Icy2 regulates autophagosome formation. <i>Autophagy</i> , 2015, 11, 2288-2299.	4.3	88
9	Transcriptional Regulation by Pho23 Modulates the Frequency of Autophagosome Formation. <i>Current Biology</i> , 2014, 24, 1314-1322.	1.8	87
10	Phosphorylation of Atg9 regulates movement to the phagophore assembly site and the rate of autophagosome formation. <i>Autophagy</i> , 2016, 12, 648-658.	4.3	68
11	Estimating the size and number of autophagic bodies by electron microscopy. <i>Autophagy</i> , 2014, 10, 155-164.	4.3	56
12	Plant dynamin-related protein families DRP1 and DRP2 in plant development. <i>Biochemical Society Transactions</i> , 2010, 38, 797-806.	1.6	52
13	Atg23 and Atg27 Act at the Early Stages of Atg9 Trafficking in <i>S. cerevisiae</i> . <i>Traffic</i> , 2015, 16, 172-190.	1.3	44
14	High lipid order of <i>Arabidopsis</i> cell plate membranes mediated by sterol and DYNAMIN-RELATED PROTEIN1A function. <i>Plant Journal</i> , 2014, 80, 745-757.	2.8	28
15	Bridging the divide between cytokinesis and cell expansion. <i>Current Opinion in Plant Biology</i> , 2007, 10, 607-615.	3.5	20
16	The Ume6-Sin3-Rpd3 complex regulates <i>ATG8</i> transcription to control autophagosome size. <i>Autophagy</i> , 2012, 8, 1835-1836.	4.3	15
17	Control of autophagosome size and number by Atg7. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 651-656.	1.0	14
18	Autophagy gets in on the regulatory act. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 76-77.	1.5	13

#	ARTICLE	IF	CITATIONS
19	Atg11. Autophagy, 2012, 8, 1275-1278.	4.3	13
20	Arabidopsis dynamin-related protein 1A polymers bind, but do not tubulate, liposomes. Biochemical and Biophysical Research Communications, 2010, 393, 734-739.	1.0	10
21	Mapping Critical Residues in ATG11's Coiled-Coil 2 Domain that Block Multiple Interactions and Disrupt Selective Autophagy. Frontiers in Cell and Developmental Biology, 2021, 9, 775364.	1.8	1
22	Quantification of Autophagosome Size and Formation Rate by Electron and Fluorescence Microscopy in Baker's Yeast. Neuromethods, 2022, , 1-12.	0.2	0