

# Steven K Backues

## List of Publications by Year in Descending Order

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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.

22  
papers

4,044  
citations

15  
h-index

22  
g-index

22  
ext. papers

4,914  
ext. citations

7.6  
avg, IF

4.01  
L-index

#	Paper	IF	Citations
22	Quantification of Autophagosome Size and Formation Rate by Electron and Fluorescence Microscopy in Baker's Yeast. <i>NeuroMethods</i> , <b>2022</b> , 1-12	0.4	
21	Mapping Critical Residues in ATG11's Coiled-Coil 2 Domain that Block Multiple Interactions and Disrupt Selective Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 775364	5.7	
20	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
19	Control of autophagosome size and number by Atg7. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 503, 651-656	3.4	10
18	Phosphorylation of Atg9 regulates movement to the phagophore assembly site and the rate of autophagosome formation. <i>Autophagy</i> , <b>2016</b> , 12, 648-58	10.2	48
17	Atg23 and Atg27 act at the early stages of Atg9 trafficking in <i>S. cerevisiae</i> . <i>Traffic</i> , <b>2015</b> , 16, 172-90	5.7	36
16	Atg41/Icy2 regulates autophagosome formation. <i>Autophagy</i> , <b>2015</b> , 11, 2288-99	10.2	46
15	Rph1/KDM4 mediates nutrient-limitation signaling that leads to the transcriptional induction of autophagy. <i>Current Biology</i> , <b>2015</b> , 25, 546-55	6.3	73
14	Transcriptional regulation by Pho23 modulates the frequency of autophagosome formation. <i>Current Biology</i> , <b>2014</b> , 24, 1314-1322	6.3	66
13	Loss of <i>Arabidopsis thaliana</i> Dynamin-Related Protein 2B reveals separation of innate immune signaling pathways. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004578	7.6	64
12	High lipid order of <i>Arabidopsis</i> cell-plate membranes mediated by sterol and DYNAMIN-RELATED PROTEIN1A function. <i>Plant Journal</i> , <b>2014</b> , 80, 745-57	6.9	23
11	Estimating the size and number of autophagic bodies by electron microscopy. <i>Autophagy</i> , <b>2014</b> , 10, 155-64	6.2	42
10	The Ume6-Sin3-Rpd3 complex regulates ATG8 transcription to control autophagosome size. <i>Autophagy</i> , <b>2012</b> , 8, 1835-6	10.2	11
9	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> , <b>2012</b> , 109, 11206-10	11.5	77
8	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	10.2	2783
7	Atg11: a Rab-dependent, coiled-coil membrane protein that acts as a tether for autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 1275-8	10.2	11
6	Autophagy gets in on the regulatory act. <i>Journal of Molecular Cell Biology</i> , <b>2011</b> , 3, 76-7	6.3	11

5	The Arabidopsis dynamin-related protein2 family is essential for gametophyte development. <i>Plant Cell</i> , <b>2010</b> , 22, 3218-31	11.6	65
4	Plant dynamin-related protein families DRP1 and DRP2 in plant development. <i>Biochemical Society Transactions</i> , <b>2010</b> , 38, 797-806	5.1	40
3	Arabidopsis dynamin-related protein 1A polymers bind, but do not tubulate, liposomes. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 393, 734-9	3.4	9
2	Dynamics of Arabidopsis dynamin-related protein 1C and a clathrin light chain at the plasma membrane. <i>Plant Cell</i> , <b>2008</b> , 20, 1363-80	11.6	170
1	Bridging the divide between cytokinesis and cell expansion. <i>Current Opinion in Plant Biology</i> , <b>2007</b> , 10, 607-15	9.9	19