

# Simon A Walker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2005227/publications.pdf>

Version: 2024-02-01

11  
papers

2,479  
citations

933447

10  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

5375  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagosome formation from membrane compartments enriched in phosphatidylinositol 3-phosphate and dynamically connected to the endoplasmic reticulum. <i>Journal of Cell Biology</i> , 2008, 182, 685-701.	5.2	1,588
2	Autophagy initiation by ULK complex assembly on ER tubulovesicular regions marked by ATG9 vesicles. <i>Nature Communications</i> , 2016, 7, 12420.	12.8	241
3	Dynamic association of the ULK1 complex with omegasomes during autophagy induction. <i>Journal of Cell Science</i> , 2013, 126, 5224-38.	2.0	197
4	Selective Autophagy of Mitochondria on a Ubiquitin-Endoplasmic-Reticulum Platform. <i>Developmental Cell</i> , 2019, 50, 627-643.e5.	7.0	101
5	Dynamics of mTORC1 activation in response to amino acids. <i>ELife</i> , 2016, 5, .	6.0	92
6	An mTORC1-to-CDK1 Switch Maintains Autophagy Suppression during Mitosis. <i>Molecular Cell</i> , 2020, 77, 228-240.e7.	9.7	74
7	MtLAX2, a Functional Homologue of the Arabidopsis Auxin Influx Transporter AUX1, Is Required for Nodule Organogenesis. <i>Plant Physiology</i> , 2017, 174, 326-338.	4.8	56
8	Making autophagosomes: Localized synthesis of phosphatidylinositol 3-phosphate holds the clue. <i>Autophagy</i> , 2008, 4, 1093-1096.	9.1	47
9	Autophagosome Biogenesis Machinery. <i>Journal of Molecular Biology</i> , 2020, 432, 2449-2461.	4.2	37
10	ATG13 dynamics in nonselective autophagy and mitophagy: insights from live imaging studies and mathematical modeling. <i>Autophagy</i> , 2021, 17, 1131-1141.	9.1	22
11	Optimized immunofluorescence staining protocol for imaging germinal centers in secondary lymphoid tissues of vaccinated mice. <i>STAR Protocols</i> , 2021, 2, 100499.	1.2	13