

# Florian Wilfling

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5534843/publications.pdf>

Version: 2024-02-01

18  
papers

2,387  
citations

758635

12  
h-index

940134

16  
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23  
all docs

23  
docs citations

23  
times ranked

3547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triacylglycerol Synthesis Enzymes Mediate Lipid Droplet Growth by Relocalizing from the ER to Lipid Droplets. <i>Developmental Cell</i> , 2013, 24, 384-399.	3.1	623
2	Phosphatidylcholine Synthesis for Lipid Droplet Expansion Is Mediated by Localized Activation of CTP:Phosphocholine Cytidyltransferase. <i>Cell Metabolism</i> , 2011, 14, 504-515.	7.2	408
3	Lipid droplet biogenesis. <i>Current Opinion in Cell Biology</i> , 2014, 29, 39-45.	2.6	347
4	Arf1/COPI machinery acts directly on lipid droplets and enables their connection to the ER for protein targeting. <i>ELife</i> , 2014, 3, e01607.	2.8	240
5	COPI buds 60-nm lipid droplets from reconstituted water- $\omega$ -phospholipid- $\omega$ -triacylglyceride interfaces, suggesting a tension clamp function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13244-13249.	3.3	146
6	In-cell architecture of the nuclear pore and snapshots of its turnover. <i>Nature</i> , 2020, 586, 796-800.	13.7	139
7	Protein Correlation Profiles Identify Lipid Droplet Proteins with High Confidence. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1115-1126.	2.5	138
8	Selective autophagy degrades nuclear pore complexes. <i>Nature Cell Biology</i> , 2020, 22, 159-166.	4.6	86
9	A Selective Autophagy Pathway for Phase-Separated Endocytic Protein Deposits. <i>Molecular Cell</i> , 2020, 80, 764-778.e7.	4.5	82
10	BimS-induced apoptosis requires mitochondrial localization but not interaction with anti-apoptotic Bcl-2 proteins. <i>Journal of Cell Biology</i> , 2007, 177, 625-636.	2.3	76
11	In situ cryo-electron tomography reveals gradient organization of ribosome biogenesis in intact nucleoli. <i>Nature Communications</i> , 2021, 12, 5364.	5.8	46
12	The Pro-Apoptotic BH3-Only Protein Bim Interacts with Components of the Translocase of the Outer Mitochondrial Membrane (TOM). <i>PLoS ONE</i> , 2015, 10, e0123341.	1.1	24
13	An advanced cell cycle tag toolbox reveals principles underlying temporal control of structure-selective nucleases. <i>ELife</i> , 2020, 9, .	2.8	9
14	Sample Preparation by 3D-Correlative Focused Ion Beam Milling for High-Resolution Cryo-Electron Tomography. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	9
15	Cryo-EM structures of Gid12-bound GID E3 reveal steric blockade as a mechanism inhibiting substrate ubiquitylation. <i>Nature Communications</i> , 2022, 13, .	5.8	3
16	Bypassing the nuclear gate: A non-canonical entry pathway for the mitochondrial pyruvate dehydrogenase complex. <i>Molecular Cell</i> , 2022, 82, 886-888.	4.5	2
17	Autophagy ENDing unproductive phase-separated endocytic protein deposits. <i>Autophagy</i> , 2021, 17, 3264-3265.	4.3	1
18	p62 condensates are a hub for proteasome-mediated protein turnover in the nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	1