

# Florian Fröhlich

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

4,114  
citations

304368

22  
h-index

276539

41  
g-index

56  
all docs

56  
docs citations

56  
times ranked

6445  
citing authors

#	ARTICLE	IF	CITATIONS
1	A lysosomal biogenesis map reveals the cargo spectrum of yeast vacuolar protein targeting pathways. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	14
2	Compartmentation and functions of sphingolipids. <i>Current Opinion in Cell Biology</i> , 2022, 74, 104-111.	2.6	18
3	The yeast LYST homolog Bph1 is a Rab5 effector and prevents Atg8 lipidation at endosomes. <i>Journal of Cell Science</i> , 2022, , .	1.2	3
4	The HOPS tethering complex is required to maintain signaling endosome identity and TORC1 activity. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	6
5	Cvm1 is a component of multiple vacuolar contact sites required for sphingolipid homeostasis. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	13
6	Live imaging of intra-lysosome pH in cell lines and primary neuronal culture using a novel genetically encoded biosensor. <i>Autophagy</i> , 2021, 17, 1500-1518.	4.3	52
7	Subunit exchange among endolysosomal tethering complexes is linked to contact site formation at the vacuole. <i>Molecular Biology of the Cell</i> , 2021, 32, br14.	0.9	11
8	TOR complex 2 (TORC2) signaling and the ESCRT machinery cooperate in the protection of plasma membrane integrity in yeast. <i>Journal of Biological Chemistry</i> , 2020, 295, 12028-12044.	1.6	11
9	Uptake of exogenous serine is important to maintain sphingolipid homeostasis in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2020, 16, e1008745.	1.5	18
10	A trimeric metazoan Rab7 GEF complex is crucial for endocytosis and scavenger function. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	14
11	Unbiased proteomics identifies plasminogen activator inhibitor-1 as a negative regulator of endothelial nitric oxide synthase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9497-9507.	3.3	16
12	APâ€³ vesicle uncoating occurs after HOPSâ€³dependent vacuole tethering. <i>EMBO Journal</i> , 2020, 39, e105117.	3.5	21
13	Function of the <sc>SNARE</sc> Ykt6 on autophagosomes requires the Dsl1 complex and the Atg1 kinase complex. <i>EMBO Reports</i> , 2020, 21, e50733.	2.0	22
14	The role of very long chain fatty acids in yeast physiology and human diseases. <i>Biological Chemistry</i> , 2020, 402, 25-38.	1.2	27
15	Title is missing!. , 2020, 16, e1008745.		0
16	Title is missing!. , 2020, 16, e1008745.		0
17	Title is missing!. , 2020, 16, e1008745.		0
18	Lowe syndromeâ€³linked endocytic adaptors direct membrane cycling kinetics with OCRL in <i>Dictyostelium discoideum</i>. <i>Molecular Biology of the Cell</i> , 2019, 30, 2268-2282.	0.9	2

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19	Endosome and Golgi-associated degradation ( <sc>EGAD</sc> ) of membrane proteins regulates sphingolipid metabolism. <i>EMBO Journal</i> , 2019, 38, e101433.	3.5	73
20	A systematic approach to identify recycling endocytic cargo depending on the GARP complex. <i>ELife</i> , 2019, 8, .	2.8	30
21	Mechanisms of Lipid Sorting in the Endosomal Pathway. <i>Advances in Biomembranes and Lipid Self-Assembly</i> , 2018, 28, 1-39.	0.3	0
22	Rab GTPase Function in Endosome and Lysosome Biogenesis. <i>Trends in Cell Biology</i> , 2018, 28, 957-970.	3.6	270
23	Vps39 Interacts with Tom40 to Establish One of Two Functionally Distinct Vacuole-Mitochondria Contact Sites. <i>Developmental Cell</i> , 2018, 45, 621-636.e7.	3.1	109
24	The unfolded protein response and endoplasmic reticulum protein targeting machineries converge on the stress sensor IRE1. <i>ELife</i> , 2018, 7, .	2.8	71
25	Mice lacking lipid droplet-associated hydrolase, a gene linked to human prostate cancer, have normal cholesterol ester metabolism. <i>Journal of Lipid Research</i> , 2017, 58, 226-235.	2.0	16
26	Seipin is required for converting nascent to mature lipid droplets. <i>ELife</i> , 2016, 5, .	2.8	292
27	Proteomic and phosphoproteomic analyses of yeast reveal the global cellular response to sphingolipid depletion. <i>Proteomics</i> , 2016, 16, 2759-2763.	1.3	17
28	The GARP complex is required for cellular sphingolipid homeostasis. <i>ELife</i> , 2015, 4, .	2.8	88
29	Rom2-dependent Phosphorylation of Elo2 Controls the Abundance of Very Long-chain Fatty Acids. <i>Journal of Biological Chemistry</i> , 2015, 290, 4238-4247.	1.6	26
30	Stromal cell-derived factor 2 is critical for Hsp90-dependent eNOS activation. <i>Science Signaling</i> , 2015, 8, ra81.	1.6	14
31	QIL1 is a novel mitochondrial protein required for MICOS complex stability and cristae morphology. <i>ELife</i> , 2015, 4, .	2.8	141
32	A role for eisosomes in maintenance of plasma membrane phosphoinositide levels. <i>Molecular Biology of the Cell</i> , 2014, 25, 2797-2806.	0.9	41
33	Global Proteome Turnover Analyses of the Yeasts <i>S. Cerevisiae</i> and <i>S. Pombe</i> . <i>Cell Reports</i> , 2014, 9, 1959-1965.	2.9	247
34	The transmission of nuclear pore complexes to daughter cells requires a cytoplasmic pool of Nsp1. <i>Journal of Cell Biology</i> , 2013, 203, 215-232.	2.3	53
35	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
36	Native SILAC: Metabolic Labeling of Proteins in Prototroph Microorganisms Based on Lysine Synthesis Regulation. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1995-2005.	2.5	62

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37	Seg1 controls eisosome assembly and shape. <i>Journal of Cell Biology</i> , 2012, 198, 405-420.	2.3	54
38	Deep and Highly Sensitive Proteome Coverage by LC-MS/MS Without Prefractionation. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003699.	2.5	311
39	A plasma-membrane E-MAP reveals links of the eisosome with sphingolipid metabolism and endosomal trafficking. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 901-908.	3.6	93
40	A genome-wide screen for genes affecting eisosomes reveals Nce102 function in sphingolipid signaling. <i>Journal of Cell Biology</i> , 2009, 185, 1227-1242.	2.3	123
41	Global analysis of the yeast osmotic stress response by quantitative proteomics. <i>Molecular BioSystems</i> , 2009, 5, 1337.	2.9	128
42	Comparing cellular proteomes by mass spectrometry. <i>Genome Biology</i> , 2009, 10, 240.	13.9	1
43	Comprehensive mass-spectrometry-based proteome quantification of haploid versus diploid yeast. <i>Nature</i> , 2008, 455, 1251-1254.	13.7	835
44	A Peroxisome Proliferator-Activated Receptor $\beta$ -Retinoid X Receptor Heterodimer Physically Interacts with the Transcriptional Activator PAX6 to Inhibit Glucagon Gene Transcription. <i>Molecular Pharmacology</i> , 2008, 73, 509-517.	1.0	20
45	Pkh-kinases control eisosome assembly and organization. <i>EMBO Journal</i> , 2007, 26, 4946-4955.	3.5	117