Florian FrÃ¶hlich

List of Publications by Year
in descending order

45 papers	4,114 citations	304743 22 h-index	276875 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. Journal of Cell Biology, 2022, 221, .	5.2	14
2	Compartmentation and functions of sphingolipids. Current Opinion in Cell Biology, 2022, 74, 104-111.	5.4	18
3	The yeast LYST homolog Bph1 is a Rab5 effector and prevents Atg8 lipidation at endosomes. Journal of Cell Science, 2022, , .	2.0	3
4	The HOPS tethering complex is required to maintain signaling endosome identity and TORC1 activity. Journal of Cell Biology, 2022, 221, .	5.2	6
5	Cvm1 is a component of multiple vacuolar contact sites required for sphingolipid homeostasis. Journal of Cell Biology, 2022, 221, .	5.2	13
6	Live imaging of intra-lysosome pH in cell lines and primary neuronal culture using a novel genetically encoded biosensor. Autophagy, 2021, 17, 1500-1518.	9.1	52
7	Subunit exchange among endolysosomal tethering complexes is linked to contact site formation at the vacuole. Molecular Biology of the Cell, 2021, 32, br14.	2.1	11
8	TOR complex 2 (TORC2) signaling and the ESCRT machinery cooperate in the protection of plasma membrane integrity in yeast. Journal of Biological Chemistry, 2020, 295, 12028-12044.	3.4	11
9	Uptake of exogenous serine is important to maintain sphingolipid homeostasis in Saccharomyces cerevisiae. PLoS Genetics, 2020, 16, e1008745.	3.5	18
10	A trimeric metazoan Rab7 GEF complex is crucial for endocytosis and scavenger function. Journal of Cell Science, 2020, 133, .	2.0	14
11	Unbiased proteomics identifies plasminogen activator inhibitor-1 as a negative regulator of endothelial nitric oxide synthase. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9497-9507.	7.1	16
12	APâ€3 vesicle uncoating occurs after HOPSâ€dependent vacuole tethering. EMBO Journal, 2020, 39, e105117.	7.8	21
13	Function of the <scp>SNARE</scp> Ykt6 on autophagosomes requires the Dsl1 complex and the Atg1 kinase complex. EMBO Reports, 2020, 21, e50733.	4.5	22
14	The role of very long chain fatty acids in yeast physiology and human diseases. Biological Chemistry, 2020, 402, 25-38.	2.5	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€"linked endocytic adaptors direct membrane cycling kinetics with OCRL inDictyostelium discoideum. Molecular Biology of the Cell, 2019, 30, 2268-2282.	2.1	2

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19	Endosome and Golgiâ€associated degradation (<scp>EGAD</scp>) of membrane proteins regulates sphingolipid metabolism. EMBO Journal, 2019, 38, e101433.	7.8	73
20	A systematic approach to identify recycling endocytic cargo depending on the GARP complex. ELife, 2019, 8, .	6.0	30
21	Mechanisms of Lipid Sorting in the Endosomal Pathway. Advances in Biomembranes and Lipid Self-Assembly, 2018, 28, 1-39.	0.6	0
22	Rab GTPase Function in Endosome and Lysosome Biogenesis. Trends in Cell Biology, 2018, 28, 957-970.	7.9	270
23	Vps39 Interacts with Tom40 to Establish One of Two Functionally Distinct Vacuole-Mitochondria Contact Sites. Developmental Cell, 2018, 45, 621-636.e7.	7.0	109
24	The unfolded protein response and endoplasmic reticulum protein targeting machineries converge on the stress sensor IRE1. ELife, 2018, 7, .	6.0	71
25	Mice lacking lipid droplet-associated hydrolase, a gene linked to human prostate cancer, have normal cholesterol ester metabolism. Journal of Lipid Research, 2017, 58, 226-235.	4.2	16
26	Seipin is required for converting nascent to mature lipid droplets. ELife, 2016, 5, .	6.0	292
27	Proteomic and phosphoproteomic analyses of yeast reveal the global cellular response to sphingolipid depletion. Proteomics, 2016, 16, 2759-2763.	2.2	17
28	The GARP complex is required for cellular sphingolipid homeostasis. ELife, 2015, 4, .	6.0	88
29	Rom2-dependent Phosphorylation of Elo2 Controls the Abundance of Very Long-chain Fatty Acids. Journal of Biological Chemistry, 2015, 290, 4238-4247.	3.4	26
30	Stromal cellâ€“derived factor 2 is critical for Hsp90-dependent eNOS activation. Science Signaling, 2015, 8, ra81.	3.6	14
31	QIL1 is a novel mitochondrial protein required for MICOS complex stability and cristae morphology. ELife, 2015, 4, .	6.0	141
32	A role for eisosomes in maintenance of plasma membrane phosphoinositide levels. Molecular Biology of the Cell, 2014, 25, 2797-2806.	2.1	41
33	Global Proteome Turnover Analyses of the Yeasts S.Âcerevisiae and S.Âpombe. Cell Reports, 2014, 9, 1959-1965.	6.4	247
34	The transmission of nuclear pore complexes to daughter cells requires a cytoplasmic pool of Nsp1. Journal of Cell Biology, 2013, 203, 215-232.	5.2	53
35	Triacylglycerol Synthesis Enzymes Mediate Lipid Droplet Growth by Relocalizing from the ER to Lipid Droplets. Developmental Cell, 2013, 24, 384-399.	7.0	623
36	Native SILAC: Metabolic Labeling of Proteins in Prototroph Microorganisms Based on Lysine Synthesis Regulation. Molecular and Cellular Proteomics, 2013, 12, 1995-2005.	3.8	62

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37	Seg1 controls eisosome assembly and shape. Journal of Cell Biology, 2012, 198, 405-420.	5.2	54
38	Deep and Highly Sensitive Proteome Coverage by LC-MS/MS Without Prefractionation. Molecular and Cellular Proteomics, 2011, 10, M110.003699.	3.8	311
39	A plasma-membrane E-MAP reveals links of the eisosome with sphingolipid metabolism and endosomal trafficking. Nature Structural and Molecular Biology, 2010, 17, 901-908.	8.2	93
40	A genome-wide screen for genes affecting eisosomes reveals Nce102 function in sphingolipid signaling. Journal of Cell Biology, 2009, 185, 1227-1242.	5.2	123
41	Global analysis of the yeast osmotic stress response by quantitative proteomics. Molecular BioSystems, 2009, 5, 1337.	2.9	128
42	Comparing cellular proteomes by mass spectrometry. Genome Biology, 2009, 10, 240.	9.6	1
43	Comprehensive mass-spectrometry-based proteome quantification of haploid versus diploid yeast. Nature, 2008, 455, 1251-1254.	27.8	835
44	A Peroxisome Proliferator-Activated Receptor Î³-Retinoid X Receptor Heterodimer Physically Interacts with the Transcriptional Activator PAX6 to Inhibit Glucagon Gene Transcription. Molecular Pharmacology, 2008, 73, 509-517.	2.3	20
45	Pkh-kinases control eisosome assembly and organization. EMBO Journal, 2007, 26, 4946-4955.	7.8	117