# Florian FrÃ¶hlich

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Comprehensive mass-spectrometry-based proteome quantification of haploid versus diploid yeast. Nature, 2008, 455, 1251-1254. | 27.8 | 835 |
| 2 | Triacylglycerol Synthesis Enzymes Mediate Lipid Droplet Growth by Relocalizing from the ER to Lipid Droplets. Developmental Cell, 2013, 24, 384-399. | 7.0 | 623 |
| 3 | Deep and Highly Sensitive Proteome Coverage by LC-MS/MS Without Prefractionation. Molecular and Cellular Proteomics, 2011, 10, M110.003699. | 3.8 | 311 |
| 4 | Seipin is required for converting nascent to mature lipid droplets. ELife, 2016, 5, . | 6.0 | 292 |
| 5 | Rab GTPase Function in Endosome and Lysosome Biogenesis. Trends in Cell Biology, 2018, 28, 957-970. | 7.9 | 270 |
| 6 | Global Proteome Turnover Analyses of the Yeasts S.Âcerevisiae and S.Âpombe. Cell Reports, 2014, 9, 1959-1965. | 6.4 | 247 |
| 7 | QIL1 is a novel mitochondrial protein required for MICOS complex stability and cristae morphology. ELife, 2015, 4, . | 6.0 | 141 |
| 8 | Global analysis of the yeast osmotic stress response by quantitative proteomics. Molecular BioSystems, 2009, 5, 1337. | 2.9 | 128 |
| 9 | 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 |
| 10 | Pkh-kinases control eisosome assembly and organization. EMBO Journal, 2007, 26, 4946-4955. | 7.8 | 117 |
| 11 | 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 |
| 12 | 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 |
| 13 | The GARP complex is required for cellular sphingolipid homeostasis. ELife, 2015, 4, . | 6.0 | 88 |
| 14 | Endosome and Golgiâ€associated degradation ( <scp>EGAD</scp> ) of membrane proteins regulates sphingolipid metabolism. EMBO Journal, 2019, 38, e101433. | 7.8 | 73 |
| 15 | The unfolded protein response and endoplasmic reticulum protein targeting machineries converge on the stress sensor IRE1. ELife, 2018, 7, . | 6.0 | 71 |
| 16 | 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 |
| 17 | Seg1 controls eisosome assembly and shape. Journal of Cell Biology, 2012, 198, 405-420. | 5.2 | 54 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | A role for eisosomes in maintenance of plasma membrane phosphoinositide levels. Molecular Biology of the Cell, 2014, 25, 2797-2806. | 2.1 | 41 |
| 21 | A systematic approach to identify recycling endocytic cargo depending on the GARP complex. ELife, 2019, 8, . | 6.0 | 30 |
| 22 | The role of very long chain fatty acids in yeast physiology and human diseases. Biological Chemistry, 2020, 402, 25-38. | 2.5 | 27 |
| 23 | 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 |
| 24 | 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 |
| 25 | APâ€3 vesicle uncoating occurs after HOPSâ€dependent vacuole tethering. EMBO Journal, 2020, 39, e105117. | 7.8 | 21 |
| 26 | 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 |
| 27 | Uptake of exogenous serine is important to maintain sphingolipid homeostasis in Saccharomyces cerevisiae. PLoS Genetics, 2020, 16, e1008745. | 3.5 | 18 |
| 28 | Compartmentation and functions of sphingolipids. Current Opinion in Cell Biology, 2022, 74, 104-111. | 5.4 | 18 |
| 29 | Proteomic and phosphoproteomic analyses of yeast reveal the global cellular response to sphingolipid depletion. Proteomics, 2016, 16, 2759-2763. | 2.2 | 17 |
| 30 | 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 |
| 31 | 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 |
| 32 | Stromal cellâ€“derived factor 2 is critical for Hsp90-dependent eNOS activation. Science Signaling, 2015, 8, ra81. | 3.6 | 14 |
| 33 | A trimeric metazoan Rab7 GEF complex is crucial for endocytosis and scavenger function. Journal of Cell Science, 2020, 133, . | 2.0 | 14 |
| 34 | A lysosomal biogenesis map reveals the cargo spectrum of yeast vacuolar protein targeting pathways. Journal of Cell Biology, 2022, 221, . | 5.2 | 14 |
| 35 | Cvm1 is a component of multiple vacuolar contact sites required for sphingolipid homeostasis. Journal of Cell Biology, 2022, 221, . | 5.2 | 13 |
| 36 | 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 |

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|---|---|---|---|
| 37 | 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 |
| 38 | The HOPS tethering complex is required to maintain signaling endosome identity and TORC1 activity. Journal of Cell Biology, 2022, 221, . | 5.2 | 6 |
| 39 | The yeast LYST homolog Bph1 is a Rab5 effector and prevents Atg8 lipidation at endosomes. Journal of Cell Science, 2022, , . | 2.0 | 3 |
| 40 | 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 |
| 41 | Comparing cellular proteomes by mass spectrometry. Genome Biology, 2009, 10, 240. | 9.6 | 1 |
| 42 | Mechanisms of Lipid Sorting in the Endosomal Pathway. Advances in Biomembranes and Lipid Self-Assembly, 2018, 28, 1-39. | 0.6 | 0 |
| 43 | Title is missing!. , 2020, 16, e1008745. | | 0 |
| 44 | Title is missing!. , 2020, 16, e1008745. | | 0 |
| 45 | Title is missing!. , 2020, 16, e1008745. | | 0 |