# Christopher J Stefan

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 3,622 citations | 257450 24 h-index | 377865 34 g-index |
| 44 all docs | 44 docs citations | 44 times ranked | 3767 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ER-to-Plasma Membrane Tethering Proteins Regulate Cell Signaling and ER Morphology. Developmental Cell, 2012, 23, 1129-1140. | 7.0 | 465 |
| 2 | Osh Proteins Regulate Phosphoinositide Metabolism at ER-Plasma Membrane Contact Sites. Cell, 2011, 144, 389-401. | 28.9 | 442 |
| 3 | Arrestin-Related Ubiquitin-Ligase Adaptors Regulate Endocytosis and Protein Turnover at the Cell Surface. Cell, 2008, 135, 714-725. | 28.9 | 434 |
| 4 | Vps27 recruits ESCRT machinery to endosomes during MVB sorting. Journal of Cell Biology, 2003, 162, 413-423. | 5.2 | 404 |
| 5 | The Yeast Synaptojanin-like Proteins Control the Cellular Distribution of Phosphatidylinositol (4,5)-Bisphosphate. Molecular Biology of the Cell, 2002, 13, 542-557. | 2.1 | 222 |
| 6 | ERâ€“PM connections: sites of information transfer and inter-organelle communication. Current Opinion in Cell Biology, 2013, 25, 434-442. | 5.4 | 186 |
| 7 | Regulation of Fab1 Phosphatidylinositol 3-Phosphate 5-Kinase Pathway by Vac7 Protein and Fig4, a Polyphosphoinositide Phosphatase Family Member. Molecular Biology of the Cell, 2002, 13, 1238-1251. | 2.1 | 159 |
| 8 | Mdm1/Snx13 is a novel ERâ€“endolysosomal interorganelle tethering protein. Journal of Cell Biology, 2015, 210, 541-551. | 5.2 | 135 |
| 9 | Crystal structure of the yeast Sac1: implications for its phosphoinositide phosphatase function. EMBO Journal, 2010, 29, 1489-1498. | 7.8 | 107 |
| 10 | Eisosome proteins assemble into a membrane scaffold. Journal of Cell Biology, 2011, 195, 889-902. | 5.2 | 103 |
| 11 | The oxysterol binding protein Kes1p regulates Golgi apparatus phosphatidylinositol-4-phosphate function. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15352-15357. | 7.1 | 95 |
| 12 | Tricalbin-Mediated Contact Sites Control ER Curvature to Maintain Plasma Membrane Integrity. Developmental Cell, 2019, 51, 476-487.e7. | 7.0 | 87 |
| 13 | Pheromone-induced anisotropy in yeast plasma membrane phosphatidylinositol-4,5- bis phosphate distribution is required for MAPK signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11805-11810. | 7.1 | 84 |
| 14 | The Phosphoinositide Phosphatase Sjl2 Is Recruited to Cortical Actin Patches in the Control of Vesicle Formation and Fission during Endocytosis. Molecular and Cellular Biology, 2005, 25, 2910-2923. | 2.3 | 72 |
| 15 | Membrane dynamics and organelle biogenesisâ€”lipid pipelines and vesicular carriers. BMC Biology, 2017, 15, 102. | 3.8 | 63 |
| 16 | A Syntaxin Homolog Encoded by VAM3 Mediates Down-regulation of a Yeast G Protein-coupled Receptor. Journal of Biological Chemistry, 1999, 274, 1835-1841. | 3.4 | 61 |
| 17 | Phosphoinositide kinase signaling controls ER-PM cross-talk. Molecular Biology of the Cell, 2016, 27, 1170-1180. | 2.1 | 59 |
| 18 | A WASp Homolog Powers Actin Polymerization-Dependent Motility of Endosomes In Vivo. Current Biology, 2003, 13, 455-463. | 3.9 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Osh Proteins Control Nanoscale Lipid Organization Necessary for PI(4,5)P2 Synthesis. Molecular Cell, 2019, 75, 1043-1057.e8. | 9.7 | 47 |
| 20 | Interruption of Inositol Sphingolipid Synthesis Triggers Stt4p-dependent Protein Kinase C Signaling*. Journal of Biological Chemistry, 2010, 285, 41947-41960. | 3.4 | 39 |
| 21 | Role of the Unfolded Protein Response in Regulating the Mucin-Dependent Filamentous-Growth Mitogen-Activated Protein Kinase Pathway. Molecular and Cellular Biology, 2015, 35, 1414-1432. | 2.3 | 39 |
| 22 | pH Biosensing by PI4P Regulates Cargo Sorting at the TGN. Developmental Cell, 2020, 52, 461-476.e4. | 7.0 | 34 |
| 23 | Endoplasmic reticulumâ€“plasma membrane contacts: Principals of phosphoinositide and calcium signaling. Current Opinion in Cell Biology, 2020, 63, 125-134. | 5.4 | 31 |
| 24 | TORC1 Determines Fab1 Lipid Kinase Function at Signaling Endosomes and Vacuoles. Current Biology, 2021, 31, 297-309.e8. | 3.9 | 31 |
| 25 | Roles for Ca2+ mobilization and its regulation in mast cell functions: recent progress. Biochemical Society Transactions, 2016, 44, 505-509. | 3.4 | 27 |
| 26 | The dual PH domain protein Opy1 functions as a sensor and modulator of PtdIns(4,5)P<sub>2</sub>synthesis. EMBO Journal, 2012, 31, 2882-2894. | 7.8 | 20 |
| 27 | Building ER-PM contacts: keeping calm and ready on alarm. Current Opinion in Cell Biology, 2018, 53, 1-8. | 5.4 | 20 |
| 28 | Control of vacuole membrane homeostasis by a resident PI-3,5-kinase inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4684-4689. | 7.1 | 19 |
| 29 | PtdIns(3)P accumulation in triple lipid-phosphatase-deletion mutants triggers lethal hyperactivation of the Rho1p/Pkc1p cell-integrity MAP kinase pathway. Journal of Cell Science, 2005, 118, 5589-5601. | 2.0 | 17 |
| 30 | Specialized ER membrane domains for lipid metabolism and transport. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158492. | 2.4 | 17 |
| 31 | 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 |
| 32 | A heat-sensitive Osh protein controls PI4P polarity. BMC Biology, 2020, 18, 28. | 3.8 | 11 |
| 33 | Tricalbin proteins regulate plasma membrane phospholipid homeostasis. Life Science Alliance, 2022, 5, e202201430. | 2.8 | 9 |
| 34 | Tricalbin-Mediated Contact Sites Control ER Curvature to Maintain Plasma Membrane Integrity. SSRN Electronic Journal, 0, , . | 0.4 | 2 |
| 35 | Interactions of cytosolic tails in the Jen1 carboxylate transporter are critical for trafficking and transport activity. Journal of Cell Science, 2022, , . | 2.0 | 2 |
| 36 | FYVE Domains in Membrane Trafficking and Cell Signaling. , 2010, , 1111-1121. | | 1 |

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|---|---|---|---|
| 37 | Vacuoles. , 2004, , 331-336. | | 1 |
| 38 | ER platforms for membrane lipid dynamics. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158529. | 2.4 | 0 |