Christopher J Stefan

List of Publications by Year
in descending order

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	Tricalbin proteins regulate plasma membrane phospholipid homeostasis. Life Science Alliance, 2022, 5, e202201430.	2.8	9
2	Interactions of cytosolic tails in the Jen1 carboxylate transporter are critical for trafficking and transport activity. Journal of Cell Science, 2022, , .	2.0	2
3	TORC1 Determines Fab1 Lipid Kinase Function at Signaling Endosomes and Vacuoles. Current Biology, 2021, 31, 297-309.e8.	3.9	31
4	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
5	ER platforms for membrane lipid dynamics. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158529.	2.4	0
6	pH Biosensing by PI4P Regulates Cargo Sorting at the TGN. Developmental Cell, 2020, 52, 461-476.e4.	7.0	34
7	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
8	A heat-sensitive Osh protein controls PI4P polarity. BMC Biology, 2020, 18, 28.	3.8	11
9	Endoplasmic reticulumâ€“plasma membrane contacts: Principals of phosphoinositide and calcium signaling. Current Opinion in Cell Biology, 2020, 63, 125-134.	5.4	31
10	Osh Proteins Control Nanoscale Lipid Organization Necessary for PI(4,5)P2 Synthesis. Molecular Cell, 2019, 75, 1043-1057.e8.	9.7	47
11	Tricalbin-Mediated Contact Sites Control ER Curvature to Maintain Plasma Membrane Integrity. Developmental Cell, 2019, 51, 476-487.e7.	7.0	87
12	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
13	Building ER-PM contacts: keeping calm and ready on alarm. Current Opinion in Cell Biology, 2018, 53, 1-8.	5.4	20
14	Membrane dynamics and organelle biogenesisâ€”lipid pipelines and vesicular carriers. BMC Biology, 2017, 15, 102.	3.8	63
15	Roles for Ca2+ mobilization and its regulation in mast cell functions: recent progress. Biochemical Society Transactions, 2016, 44, 505-509.	3.4	27
16	Phosphoinositide kinase signaling controls ER-PM cross-talk. Molecular Biology of the Cell, 2016, 27, 1170-1180.	2.1	59
17	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
18	Mdm1/Snx13 is a novel ERâ€“endolysosomal interorganelle tethering protein. Journal of Cell Biology, 2015, 210, 541-551.	5.2	135

#	Article	IF	Citations
19	ERâ€“PM connections: sites of information transfer and inter-organelle communication. Current Opinion in Cell Biology, 2013, 25, 434-442.	5.4	186
20	The dual PH domain protein Opy1 functions as a sensor and modulator of PtdIns(4,5)P₂synthesis. EMBO Journal, 2012, 31, 2882-2894.	7.8	20
21	ER-to-Plasma Membrane Tethering Proteins Regulate Cell Signaling and ER Morphology. Developmental Cell, 2012, 23, 1129-1140.	7.0	465
22	Osh Proteins Regulate Phosphoinositide Metabolism at ER-Plasma Membrane Contact Sites. Cell, 2011, 144, 389-401.	28.9	442
23	Eisosome proteins assemble into a membrane scaffold. Journal of Cell Biology, 2011, 195, 889-902.	5.2	103
24	Crystal structure of the yeast Sac1: implications for its phosphoinositide phosphatase function. EMBO Journal, 2010, 29, 1489-1498.	7.8	107
25	FYVE Domains in Membrane Trafficking and Cell Signaling. , 2010, , 1111-1121.		1
26	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
27	Interruption of Inositol Sphingolipid Synthesis Triggers Stt4p-dependent Protein Kinase C Signaling*. Journal of Biological Chemistry, 2010, 285, 41947-41960.	3.4	39
28	Arrestin-Related Ubiquitin-Ligase Adaptors Regulate Endocytosis and Protein Turnover at the Cell Surface. Cell, 2008, 135, 714-725.	28.9	434
29	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
30	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
31	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
32	Vacuoles. , 2004, , 331-336.		1
33	A WASp Homolog Powers Actin Polymerization-Dependent Motility of Endosomes In Vivo. Current Biology, 2003, 13, 455-463.	3.9	53
34	Vps27 recruits ESCRT machinery to endosomes during MVB sorting. Journal of Cell Biology, 2003, 162, 413-423.	5.2	404
35	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
36	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

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37	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
38	Tricalbin-Mediated Contact Sites Control ER Curvature to Maintain Plasma Membrane Integrity. SSRN Electronic Journal, 0, , .	0.4	2