

Timothy Levine

List of Publications by Citations

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73
papers

6,856
citations

38
h-index

82
g-index

82
ext. papers

7,834
ext. citations

10.8
avg, IF

6.31
L-index

#	Paper	IF	Citations
73	A conserved ER targeting motif in three families of lipid binding proteins and in Opi1p binds VAP. <i>EMBO Journal</i> , 2003 , 22, 2025-35	13	438
72	Lipid traffic: floppy drives and a superhighway. <i>Nature Reviews Molecular Cell Biology</i> , 2005 , 6, 209-20	48.7	406
71	Targeting of Golgi-specific pleckstrin homology domains involves both PtdIns 4-kinase-dependent and -independent components. <i>Current Biology</i> , 2002 , 12, 695-704	6.3	403
70	p47 is a cofactor for p97-mediated membrane fusion. <i>Nature</i> , 1997 , 388, 75-8	50.4	363
69	The vesicle docking protein p115 binds GM130, a cis-Golgi matrix protein, in a mitotically regulated manner. <i>Cell</i> , 1997 , 89, 445-55	56.2	357
68	An NSF-like ATPase, p97, and NSF mediate cisternal regrowth from mitotic Golgi fragments. <i>Cell</i> , 1995 , 82, 905-14	56.2	327
67	The product of C9orf72, a gene strongly implicated in neurodegeneration, is structurally related to DENN Rab-GEFs. <i>Bioinformatics</i> , 2013 , 29, 499-503	7.2	270
66	Coming together to define membrane contact sites. <i>Nature Communications</i> , 2019 , 10, 1287	17.4	229
65	The pleckstrin homology domain of oxysterol-binding protein recognises a determinant specific to Golgi membranes. <i>Current Biology</i> , 1998 , 8, 729-39	6.3	209
64	Inter-organelle membrane contact sites: through a glass, darkly. <i>Current Opinion in Cell Biology</i> , 2006 , 18, 371-8	9	196
63	Antigen processing for presentation by class II major histocompatibility complex requires cleavage by cathepsin E. <i>European Journal of Immunology</i> , 1992 , 22, 1519-24	6.1	186
62	Lipid transfer proteins: the lipid commute via shuttles, bridges and tubes. <i>Nature Reviews Molecular Cell Biology</i> , 2019 , 20, 85-101	48.7	180
61	Multiple pools of phosphatidylinositol 4-phosphate detected using the pleckstrin homology domain of Osh2p. <i>Journal of Biological Chemistry</i> , 2004 , 279, 44683-9	5.4	177
60	Short-range intracellular trafficking of small molecules across endoplasmic reticulum junctions. <i>Trends in Cell Biology</i> , 2004 , 14, 483-90	18.3	173
59	VAP, a Versatile Access Point for the Endoplasmic Reticulum: Review and analysis of FFAT-like motifs in the VAPome. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 952-961	5	172
58	A new family of StART domain proteins at membrane contact sites has a role in ER-PM sterol transport. <i>ELife</i> , 2015 , 4,	8.9	171
57	Dual targeting of Osh1p, a yeast homologue of oxysterol-binding protein, to both the Golgi and the nucleus-vacuole junction. <i>Molecular Biology of the Cell</i> , 2001 , 12, 1633-44	3.5	163

56	STARD3 or STARD3NL and VAP form a novel molecular tether between late endosomes and the ER. <i>Journal of Cell Science</i> , 2013 , 126, 5500-12	5:3	162
55	A highly conserved binding site in vesicle-associated membrane protein-associated protein (VAP) for the FFAT motif of lipid-binding proteins. <i>Journal of Biological Chemistry</i> , 2005 , 280, 14097-104	5:4	162
54	Inositol phosphorylceramide synthase is located in the Golgi apparatus of <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2000 , 11, 2267-81	3:5	133
53	Annexin A1 Tethers Membrane Contact Sites that Mediate ER to Endosome Cholesterol Transport. <i>Developmental Cell</i> , 2016 , 37, 473-83	10.2	125
52	Advances on the Transfer of Lipids by Lipid Transfer Proteins. <i>Trends in Biochemical Sciences</i> , 2017 , 42, 516-530	10.3	120
51	Aster Proteins Facilitate Nonvesicular Plasma Membrane to ER Cholesterol Transport in Mammalian Cells. <i>Cell</i> , 2018 , 175, 514-529.e20	56.2	116
50	Piecing Together the Patchwork of Contact Sites. <i>Trends in Cell Biology</i> , 2017 , 27, 214-229	18.3	109
49	ALS-linked P56S-VAPB, an aggregated loss-of-function mutant of VAPB, predisposes motor neurons to ER stress-related death by inducing aggregation of co-expressed wild-type VAPB. <i>Journal of Neurochemistry</i> , 2009 , 108, 973-985	6	97
48	Oxysterol binding proteins: in more than one place at one time?. <i>Biochemistry and Cell Biology</i> , 2004 , 82, 87-98	3.6	97
47	Lipid droplet and peroxisome biogenesis occur at the same ER subdomains. <i>Nature Communications</i> , 2018 , 9, 2940	17.4	95
46	Annexin 2 binding to phosphatidylinositol 4,5-bisphosphate on endocytic vesicles is regulated by the stress response pathway. <i>Journal of Biological Chemistry</i> , 2004 , 279, 14157-64	5:4	95
45	Inheritance of cortical ER in yeast is required for normal septin organization. <i>Journal of Cell Biology</i> , 2007 , 179, 467-83	7:3	90
44	Identification of seipin-linked factors that act as determinants of a lipid droplet subpopulation. <i>Journal of Cell Biology</i> , 2018 , 217, 269-282	7:3	75
43	Kv2 potassium channels form endoplasmic reticulum/plasma membrane junctions via interaction with VAPA and VAPB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E7331-E7340	11.5	72
42	Analysis of the key elements of FFAT-like motifs identifies new proteins that potentially bind VAP on the ER, including two AKAPs and FAPP2. <i>PLoS ONE</i> , 2012 , 7, e30455	3:7	67
41	Discovery of new Longin and Roadblock domains that form platforms for small GTPases in Regulator and TRAPP-II. <i>Small GTPases</i> , 2013 , 4, 62-9	2:7	64
40	A family of membrane-shaping proteins at ER subdomains regulates pre-peroxisomal vesicle biogenesis. <i>Journal of Cell Biology</i> , 2016 , 215, 515-529	7:3	56
39	Binding of the vesicle docking protein p115 to Golgi membranes is inhibited under mitotic conditions. <i>Journal of Biological Chemistry</i> , 1996 , 271, 17304-11	5:4	55

38	Lipid transfer proteins do their thing anchored at membrane contact sites but what is their thing?. <i>Biochemical Society Transactions</i> , 2016 , 44, 517-27	5.1	49
37	Membrane dynamics and organelle biogenesis-lipid pipelines and vesicular carriers. <i>BMC Biology</i> , 2017 , 15, 102	7.3	40
36	Regulation of mitochondrial morphogenesis by annexin A6. <i>PLoS ONE</i> , 2013 , 8, e53774	3.7	40
35	Signalling at membrane contact sites: two membranes come together to handle second messengers. <i>Current Opinion in Cell Biology</i> , 2016 , 39, 77-83	9	34
34	Fat storage-inducing transmembrane (FIT or FITM) proteins are related to lipid phosphatase/phosphotransferase enzymes. <i>Microbial Cell</i> , 2017 , 5, 88-103	3.9	34
33	Tubular lipid binding proteins (TULIPs) growing everywhere. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017 , 1864, 1439-1449	4.9	33
32	FFAT motif phosphorylation controls formation and lipid transfer function of inter-organelle contacts. <i>EMBO Journal</i> , 2020 , 39, e104369	13	32
31	Cholesterol homeostasis: not until the SCAP lady INSIGs. <i>Current Biology</i> , 2002 , 12, R779-81	6.3	31
30	Mitotic disassembly of the mammalian Golgi apparatus. <i>Trends in Cell Biology</i> , 1995 , 5, 413-6	18.3	30
29	Using HHsearch to tackle proteins of unknown function: A pilot study with PH domains. <i>Traffic</i> , 2016 , 17, 1214-1226	5.7	30
28	The cell biology of antigen processing. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 1991 , 26, 439-73	8.7	28
27	Lst4, the yeast Fnip1/2 orthologue, is a DENN-family protein. <i>Open Biology</i> , 2015 , 5, 150174	7	23
26	TOR complex 2-regulated protein kinase Ypk1 controls sterol distribution by inhibiting StArkin domain-containing proteins located at plasma membrane-endoplasmic reticulum contact sites. <i>Molecular Biology of the Cell</i> , 2018 , 29, 2128-2136	3.5	21
25	Systematic prediction of FFAT motifs across eukaryote proteomes identifies nucleolar and eisosome proteins with the predicted capacity to form bridges to the endoplasmic reticulum. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2019 , 2, 1-21	2.6	21
24	Planar Cell Polarity Effector Proteins Inturned and Fuzzy Form a Rab23 GEF Complex. <i>Current Biology</i> , 2019 , 29, 3323-3330.e8	6.3	19
23	Yeast homologues of three BLOC-1 subunits highlight KxDL proteins as conserved interactors of BLOC-1. <i>Traffic</i> , 2011 , 12, 260-8	5.7	19
22	Remote homology searches identify bacterial homologues of eukaryotic lipid transfer proteins, including Chorein-N domains in TamB and AsmA and Mdm31p. <i>BMC Molecular and Cell Biology</i> , 2019 , 20, 43	2.7	18
21	Low Syndrome protein OCRL1 supports maturation of polarized epithelial cells. <i>PLoS ONE</i> , 2011 , 6, e24044	3.7	18

20	Identification of Nanopillars on the Cuticle of the Aquatic Larvae of the Drone Fly (Diptera: Syrphidae). <i>Journal of Insect Science</i> , 2016 , 16,	2	15
19	The diversity of ACBD proteins - From lipid binding to protein modulators and organelle tethers. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020 , 1867, 118675	4.9	14
18	A lipid transfer protein that transfers lipid. <i>Journal of Cell Biology</i> , 2007 , 179, 11-3	7.3	13
17	Structural insights into a StART-like domain in Lam4 and its interaction with sterol ligands. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 2270-2274	3.4	12
16	Regulation of targeting determinants in interorganelle communication. <i>Current Opinion in Cell Biology</i> , 2019 , 57, 106-114	9	11
15	ALS-linked P56S-VAPB, an aggregated loss-of-function mutant of VAPB, predisposes motor neurons to ER stress-related death by inducing aggregation of co-expressed wild-type VAPB. <i>Journal of Neurochemistry</i> , n/a-n/a	6	10
14	Evolution and insights into the structure and function of the DedA superfamily containing TMEM41B and VMP1. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	9
13	Cell biology: Countercurrents in lipid flow. <i>Nature</i> , 2015 , 525, 191-2	50.4	6
12	Lipid traffic: Osh4p makes an unexpected exchange. <i>Journal of Cell Biology</i> , 2011 , 195, 927-9	7.3	5
11	A protein pair with PIPs inside. <i>Structure</i> , 2013 , 21, 1070-1	5.2	4
10	Vps13-like proteins provide phosphatidylethanolamine for GPI anchor synthesis in the ER.. <i>Journal of Cell Biology</i> , 2022 , 221,	7.3	4
9	Peroxisome retention involves Inp1-dependent peroxisome-plasma membrane contact sites in yeast. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	4
8	Fungal Ice2p is in the same superfamily as SERINC3s, restriction factors for HIV and other viruses. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021 , 89, 1240-1250	4.2	4
7	A twoferase for lipid transfer at ER-golgi contact sites. <i>Developmental Cell</i> , 2013 , 27, 369-70	10.2	3
6	Lipid droplet and peroxisome biogenesis occur at the same ER subdomains		2
5	Systematic analysis of membrane contact sites in <i>Saccharomyces cerevisiae</i> uncovers modulators of cellular lipid distribution		1
4	Structural bioinformatics predicts that the Retinitis Pigmentosa-28 protein of unknown function FAM161A is a homologue of the microtubule nucleation factor Tpx2. <i>F1000Research</i> , 2020 , 9, 1052	3.6	1
3	Nucleus-Plasma Membrane Contact Sites Are Formed During Spermiogenesis in the Acoel <i>Symsagittifera roscoffensis</i> . <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2020 , 3, 251525642092635 ^{2.6}		1

- 2 TMEM106B in humans and Vac7 and Tag1 in yeast are predicted to be lipid transfer proteins. *Proteins: Structure, Function and Bioinformatics*, **2021**, 4.2 1
- 1 The role of phosphatidic acid in cell division of an E. coli mutant lacking phosphatidylglycerol (PG) and cardiolipin (CL). *FASEB Journal*, **2006**, 20, A521 0.9