

Timothy Levine

List of Publications by Year in descending order

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75
papers

8,633
citations

76326
40
h-index

85541
71
g-index

82
all docs

82
docs citations

82
times ranked

7791
citing authors

#	ARTICLE	IF	CITATIONS
1	A conserved ER targeting motif in three families of lipid binding proteins and in Opi1p binds VAP. EMBO Journal, 2003, 22, 2025-2035.	7.8	512
2	Targeting of Golgi-Specific Pleckstrin Homology Domains Involves Both PtdIns 4-Kinase-Dependent and -Independent Components. Current Biology, 2002, 12, 695-704.	3.9	453
3	Lipid traffic: floppy drives and a superhighway. Nature Reviews Molecular Cell Biology, 2005, 6, 209-220.	37.0	442
4	Coming together to define membrane contact sites. Nature Communications, 2019, 10, 1287.	12.8	435
5	p47 is a cofactor for p97-mediated membrane fusion. Nature, 1997, 388, 75-78.	27.8	409
6	The Vesicle Docking Protein p115 Binds GM130, a cis-Golgi Matrix Protein, in a Mitotically Regulated Manner. Cell, 1997, 89, 445-455.	28.9	384
7	An NSF-like ATPase, p97, and NSF mediate cisternal regrowth from mitotic golgi fragments. Cell, 1995, 82, 905-914.	28.9	355
8	Lipid transfer proteins: the lipid commute via shuttles, bridges and tubes. Nature Reviews Molecular Cell Biology, 2019, 20, 85-101.	37.0	318
9	The product of C9orf72, a gene strongly implicated in neurodegeneration, is structurally related to DENN Rab-GEFs. Bioinformatics, 2013, 29, 499-503.	4.1	307
10	VAP, a Versatile Access Point for the Endoplasmic Reticulum: Review and analysis of FFAT-like motifs in the VAPome. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 952-961.	2.4	238
11	The pleckstrin homology domain of oxysterol-binding protein recognises a determinant specific to Golgi membranes. Current Biology, 1998, 8, 729-739.	3.9	227
12	A new family of StART domain proteins at membrane contact sites has a role in ER-PM sterol transport. ELife, 2015, 4, .	6.0	227
13	Inter-organelle membrane contact sites: through a glass, darkly. Current Opinion in Cell Biology, 2006, 18, 371-378.	5.4	210
14	Multiple Pools of Phosphatidylinositol 4-Phosphate Detected Using the Pleckstrin Homology Domain of Osh2p. Journal of Biological Chemistry, 2004, 279, 44683-44689.	3.4	209
15	STARD3/STARD3NL and VAP make a novel molecular tether between late endosomes and the ER. Journal of Cell Science, 2013, 126, 5500-12.	2.0	206
16	Antigen processing for presentation by class II major histocompatibility complex requires cleavage by cathepsin E. European Journal of Immunology, 1992, 22, 1519-1524.	2.9	205
17	A Highly Conserved Binding Site in Vesicle-associated Membrane Protein-associated Protein (VAP) for the FFAT Motif of Lipid-binding Proteins. Journal of Biological Chemistry, 2005, 280, 14097-14104.	3.4	196
18	Short-range intracellular trafficking of small molecules across endoplasmic reticulum junctions. Trends in Cell Biology, 2004, 14, 483-490.	7.9	191

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19	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, 1633-1644.	2.1	178
20	Aster Proteins Facilitate Nonvesicular Plasma Membrane to ER Cholesterol Transport in Mammalian Cells. <i>Cell</i> , 2018, 175, 514-529.e20.	28.9	177
21	Advances on the Transfer of Lipids by Lipid Transfer Proteins. <i>Trends in Biochemical Sciences</i> , 2017, 42, 516-530.	7.5	171
22	Annexin A1 Tethers Membrane Contact Sites that Mediate ER to Endosome Cholesterol Transport. <i>Developmental Cell</i> , 2016, 37, 473-483.	7.0	164
23	Lipid droplet and peroxisome biogenesis occur at the same ER subdomains. <i>Nature Communications</i> , 2018, 9, 2940.	12.8	158
24	Inositol Phosphorylceramide Synthase Is Located in the Golgi Apparatus of <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2000, 11, 2267-2281.	2.1	148
25	Piecing Together the Patchwork of Contact Sites. <i>Trends in Cell Biology</i> , 2017, 27, 214-229.	7.9	140
26	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.	7.1	131
27	ALSâ€linked P56Sâ€VAPB, an aggregated lossâ€ofâ€function mutant of VAPB, predisposes motor neurons to ER stressâ€related death by inducing aggregation of coâ€expressed wildâ€type VAPB. <i>Journal of Neurochemistry</i> , 2009, 108, 973-985.	3.9	114
28	Inheritance of cortical ER in yeast is required for normal septin organization. <i>Journal of Cell Biology</i> , 2007, 179, 467-483.	5.2	111
29	Oxysterol binding proteins: in more than one place at one time?. <i>Biochemistry and Cell Biology</i> , 2004, 82, 87-98.	2.0	105
30	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, 14157-14164.	3.4	100
31	Identification of seipin-linked factors that act as determinants of a lipid droplet subpopulation. <i>Journal of Cell Biology</i> , 2018, 217, 269-282.	5.2	99
32	Discovery of new Longin and Roadblock domains that form platforms for small GTPases in Ragulator and TRAPP-II. <i>Small GTPases</i> , 2013, 4, 62-69.	1.6	85
33	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.	2.5	77
34	A family of membrane-shaping proteins at ER subdomains regulates pre-peroxisomal vesicle biogenesis. <i>Journal of Cell Biology</i> , 2016, 215, 515-529.	5.2	74
35	FFAT motif phosphorylation controls formation and lipid transfer function of interâ€organelle contacts. <i>EMBO Journal</i> , 2020, 39, e104369.	7.8	73
36	Membrane dynamics and organelle biogenesisâ€lipid pipelines and vesicular carriers. <i>BMC Biology</i> , 2017, 15, 102.	3.8	63

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37	Binding of the Vesicle Docking Protein p115 to Golgi Membranes Is Inhibited under Mitotic Conditions. <i>Journal of Biological Chemistry</i> , 1996, 271, 17304-17311.	3.4	60
38	Lipid transfer proteins do their thing anchored at membrane contact sites but what is their thing?. <i>Biochemical Society Transactions</i> , 2016, 44, 517-527.	3.4	60
39	Regulation of Mitochondrial Morphogenesis by Annexin A6. <i>PLoS ONE</i> , 2013, 8, e53774.	2.5	53
40	Using <sc>HHsearch</sc> to tackle proteins of unknown function: A pilot study with <sc>PH</sc> domains. <i>Traffic</i> , 2016, 17, 1214-1226.	2.7	51
41	Tubular lipid binding proteins (TULIPs) growing everywhere. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1439-1449.	4.1	49
42	Fat storage-inducing transmembrane (FIT or FITM) proteins are related to lipid phosphatase/phosphotransferase enzymes. <i>Microbial Cell</i> , 2018, 5, 88-103.	3.2	46
43	A novel superfamily of bridge-like lipid transfer proteins. <i>Trends in Cell Biology</i> , 2022, 32, 962-974.	7.9	44
44	Signalling at membrane contact sites: two membranes come together to handle second messengers. <i>Current Opinion in Cell Biology</i> , 2016, 39, 77-83.	5.4	40
45	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.	2.0	35
46	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, 251525641988313.	1.3	35
47	The Cell Biology of Antigen Processing. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 1991, 26, 439-473.	5.2	34
48	Mitotic disassembly of the mammalian Golgi apparatus. <i>Trends in Cell Biology</i> , 1995, 5, 413-416.	7.9	34
49	Cholesterol Homeostasis: Not until the SCAP Lady INSIGs. <i>Current Biology</i> , 2002, 12, R779-R781.	3.9	34
50	Planar Cell Polarity Effector Proteins Inturned and Fuzzy Form a Rab23 GEF Complex. <i>Current Biology</i> , 2019, 29, 3323-3330.e8.	3.9	33
51	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.	4.1	29
52	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.	2.1	28
53	Evolution and insights into the structure and function of the DedA superfamily containing TMEM41B and VMP1. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	28
54	Vps13-like proteins provide phosphatidylethanolamine for GPI anchor synthesis in the ER. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	28

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55	Lst4, the yeast Fln1/2 orthologue, is a DENN-family protein. <i>Open Biology</i> , 2015, 5, 150174.	3.6	27
56	Yeast Homologues of Three BLOC-1 Subunits Highlight KxDL Proteins As Conserved Interactors of BLOC-1. <i>Traffic</i> , 2011, 12, 260-268.	2.7	20
57	Regulation of targeting determinants in interorganelle communication. <i>Current Opinion in Cell Biology</i> , 2019, 57, 106-114.	5.4	20
58	Lowe Syndrome Protein OCRL1 Supports Maturation of Polarized Epithelial Cells. <i>PLoS ONE</i> , 2011, 6, e24044.	2.5	19
59	Identification of Nanopillars on the Cuticle of the Aquatic Larvae of the Drone Fly (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	1.5	18
60	A lipid transfer protein that transfers lipid. <i>Journal of Cell Biology</i> , 2007, 179, 11-13.	5.2	14
61	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.	2.1	14
62	<scp>TMEM106B</scp> in humans and Vac7 and Tag1 in yeast are predicted to be lipid transfer proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2022, 90, 164-175.	2.6	13
63	Peroxisome retention involves Inp1-dependent peroxisome-plasma membrane contact sites in yeast. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	12
64	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> , 0, , n/a-n/a.	3.9	11
65	Fungal Ice2p is in the same superfamily as <scp>SERINC</scp>, restriction factors for <scp>HIV</scp> and other viruses. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1240-1250.	2.6	9
66	Countercurrents in lipid flow. <i>Nature</i> , 2015, 525, 191-192.	27.8	7
67	Lipid traffic: Osh4p makes an unexpected exchange. <i>Journal of Cell Biology</i> , 2011, 195, 927-929.	5.2	5
68	A Protein Pair with PIPs Inside. <i>Structure</i> , 2013, 21, 1070-1071.	3.3	5
69	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.	1.6	5
70	The cellular lipid landscape. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 755-756.	2.4	4
71	A Twoferase for Lipid Transfer at ER-Golgi Contact Sites. <i>Developmental Cell</i> , 2013, 27, 369-370.	7.0	3
72	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.	1.3	1

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73	Editorial. Contact (Thousand Oaks (Ventura County, Calif)), 2018, 1, 251525641877177.	1.3	0
74	Meeting Report From the 2019 "Organelle Zone" Symposium in Osaka, Japan. Contact (Thousand Oaks) Tj ETQg 0 0 0 rgBT /Overlo	1.3	0
75	The role of phosphatidic acid in cell division of an E. coli mutant lacking phosphatidylglycerol (PG) and cardiolipin (CL). FASEB Journal, 2006, 20, A521.	0.5	0