

Thorsten Lang

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,163
citations

394421

19
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

2981
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomy and Dynamics of a Supramolecular Membrane Protein Cluster. <i>Science</i> , 2007, 317, 1072-1076.	12.6	405
2	Role of Actin Cortex in the Subplasmalemmal Transport of Secretory Granules in PC-12 Cells. <i>Biophysical Journal</i> , 2000, 78, 2863-2877.	0.5	213
3	Two-color nanoscopy of three-dimensional volumes by 4Pi detection of stochastically switched fluorophores. <i>Nature Methods</i> , 2011, 8, 353-359.	19.0	206
4	The SNARE Motif Is Essential for the Formation of Syntaxin Clusters in the Plasma Membrane. <i>Biophysical Journal</i> , 2006, 90, 2843-2851.	0.5	168
5	Multi-protein assemblies underlie the mesoscale organization of the plasma membrane. <i>Nature Communications</i> , 2014, 5, 4509.	12.8	157
6	The Translocon Protein Sec61 Mediates Antigen Transport from Endosomes in the Cytosol for Cross-Presentation to CD8+ T Cells. <i>Immunity</i> , 2015, 42, 850-863.	14.3	136
7	Munc18-Bound Syntaxin Readily Forms SNARE Complexes with Synaptobrevin in Native Plasma Membranes. <i>PLoS Biology</i> , 2006, 4, e330.	5.6	113
8	SNARE proteins and membrane rafts. <i>Journal of Physiology</i> , 2007, 585, 693-698.	2.9	98
9	Tetraspanin Assemblies in Virus Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1140.	4.8	91
10	Alternative Splicing of SNAP-25 Regulates Secretion through Nonconservative Substitutions in the SNARE Domain. <i>Molecular Biology of the Cell</i> , 2005, 16, 5675-5685.	2.1	61
11	Membrane Protein Clusters at Nanoscale Resolution: More Than Pretty Pictures. <i>Physiology</i> , 2010, 25, 116-124.	3.1	56
12	Ca ²⁺ induces clustering of membrane proteins in the plasma membrane via electrostatic interactions. <i>EMBO Journal</i> , 2011, 30, 1209-1220.	7.8	55
13	The Extracellular Î-Domain is Essential for the Formation of CD81 Tetraspanin Webs. <i>Biophysical Journal</i> , 2014, 107, 100-113.	0.5	42
14	Structure and Dynamics of a Two-Helix SNARE Complex in Live Cells. <i>Traffic</i> , 2010, 11, 394-404.	2.7	38
15	Microdomains of SNARE Proteins in the Plasma Membrane. <i>Current Topics in Membranes</i> , 2013, 72, 193-230.	0.9	34
16	Concentration Dependent Ion-Protein Interaction Patterns Underlying Protein Oligomerization Behaviours. <i>Scientific Reports</i> , 2016, 6, 24131.	3.3	30
17	Interplay between lipids and the proteinaceous membrane fusion machinery. <i>Progress in Lipid Research</i> , 2008, 47, 461-469.	11.6	26
18	ADAM17-dependent signaling is required for oncogenic human papillomavirus entry platform assembly. <i>ELife</i> , 2019, 8, .	6.0	25

#	ARTICLE	IF	CITATIONS
19	Where Biology Meets Physicsâ€”A Converging View on Membrane Microdomain Dynamics. <i>Current Topics in Membranes</i> , 2016, 77, 27-65.	0.9	23
20	Electrostatic anchoring precedes stable membrane attachment of SNAP25/SNAP23 to the plasma membrane. <i>ELife</i> , 2017, 6, .	6.0	22
21	Tetraspanins in infections by human cytomegalo- and papillomaviruses. <i>Biochemical Society Transactions</i> , 2017, 45, 489-497.	3.4	21
22	The packing density of a supramolecular membrane protein cluster is controlled by cytoplasmic interactions. <i>ELife</i> , 2017, 6, .	6.0	20
23	Tetraspanins. <i>Current Biology</i> , 2020, 30, R204-R206.	3.9	19
24	The Amyloid Precursor Protein Forms Plasmalemmal Clusters via Its Pathogenic Amyloid-Î² Domain. <i>Biophysical Journal</i> , 2012, 102, 1411-1417.	0.5	16
25	Classes of non-conventional tetraspanins defined by alternative splicing. <i>Scientific Reports</i> , 2019, 9, 14075.	3.3	16
26	Misdirection of endosomal trafficking mediated by herpes simplex virusâ€”encoded glycoprotein B. <i>FASEB Journal</i> , 2017, 31, 1650-1667.	0.5	13
27	Anatomy of a viral entry platform differentially functionalized by integrins Î±3 and Î±6. <i>Scientific Reports</i> , 2020, 10, 5356.	3.3	12
28	No Evidence for Spontaneous Lipid Transfer at ERâ€”PM Membrane Contact Sites. <i>Journal of Membrane Biology</i> , 2016, 249, 41-56.	2.1	10
29	Packing Density of the Amyloid Precursor Protein in the Cell Membrane. <i>Biophysical Journal</i> , 2018, 114, 1128-1141.	0.5	10
30	HPV caught in the tetraspanin web?. <i>Medical Microbiology and Immunology</i> , 2020, 209, 447-459.	4.8	10
31	Liver Sinusoidal Endothelial Cell-Mediated CD8 T Cell Priming Depends on Co-Inhibitory Signal Integration over Time. <i>PLoS ONE</i> , 2014, 9, e99574.	2.5	8
32	The mesoscale organization of syntaxin 1A and SNAP25 is determined by SNAREâ€”SNARE interactions. <i>ELife</i> , 2021, 10, .	6.0	5
33	The transmembrane domain of the amyloid precursor protein is required for anti-amyloidogenic processing by Î±-secretase ADAM10. <i>Journal of Biological Chemistry</i> , 2022, , 101911.	3.4	4
34	Monitoring Intracellular Routing of Internalized Antigens by Immunofluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2019, 1988, 249-257.	0.9	0
35	A conserved sequence in the small intracellular loop of tetraspanins forms an M-shaped inter-helix turn. <i>Scientific Reports</i> , 2022, 12, 4494.	3.3	0