Thorsten Lang

List of Publications by Year
in descending order

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	A conserved sequence in the small intracellular loop of tetraspanins forms an M-shaped inter-helix turn. Scientific Reports, 2022, 12, 4494.	3.3	0
2	The transmembrane domain of the amyloid precursor protein is required for anti-amyloidogenic processing by Î±-secretase ADAM10. Journal of Biological Chemistry, 2022, , 101911.	3.4	4
3	The mesoscale organization of syntaxin 1A and SNAP25 is determined by SNAREâ€"SNARE interactions. ELife, 2021, 10, .	6.0	5
4	HPV caught in the tetraspanin web?. Medical Microbiology and Immunology, 2020, 209, 447-459.	4.8	10
5	Tetraspanins. Current Biology, 2020, 30, R204-R206.	3.9	19
6	Anatomy of a viral entry platform differentially functionalized by integrins Î±3 and Î±6. Scientific Reports, 2020, 10, 5356.	3.3	12
7	Monitoring Intracellular Routing of Internalized Antigens by Immunofluorescence Microscopy. Methods in Molecular Biology, 2019, 1988, 249-257.	0.9	0
8	Classes of non-conventional tetraspanins defined by alternative splicing. Scientific Reports, 2019, 9, 14075.	3.3	16
9	ADAM17-dependent signaling is required for oncogenic human papillomavirus entry platform assembly. ELife, 2019, 8, .	6.0	25
10	Packing Density of the Amyloid Precursor Protein inÂthe Cell Membrane. Biophysical Journal, 2018, 114, 1128-1141.	0.5	10
11	Tetraspanin Assemblies in Virus Infection. Frontiers in Immunology, 2018, 9, 1140.	4.8	91
12	Misdirection of endosomal trafficking mediated by herpes simplex virusâ€"encoded glycoprotein B. FASEB Journal, 2017, 31, 1650-1667.	0.5	13
13	Tetraspanins in infections by human cytomegalo- and papillomaviruses. Biochemical Society Transactions, 2017, 45, 489-497.	3.4	21
14	Electrostatic anchoring precedes stable membrane attachment of SNAP25/SNAP23 to the plasma membrane. ELife, 2017, 6, .	6.0	22
15	The packing density of a supramolecular membrane protein cluster is controlled by cytoplasmic interactions. ELife, 2017, 6, .	6.0	20
16	Where Biology Meets Physicsâ€"A Converging View on Membrane Microdomain Dynamics. Current Topics in Membranes, 2016, 77, 27-65.	0.9	23
17	Concentration Dependent Ion-Protein Interaction Patterns Underlying Protein Oligomerization Behaviours. Scientific Reports, 2016, 6, 24131.	3.3	30
18	No Evidence for Spontaneous Lipid Transfer at ERâ€"PM Membrane Contact Sites. Journal of Membrane Biology, 2016, 249, 41-56.	2.1	10

#	Article	IF	Citations
19	The Translocon Protein Sec61 Mediates Antigen Transport from Endosomes in the Cytosol for Cross-Presentation to CD8+ T Cells. Immunity, 2015, 42, 850-863.	14.3	136
20	Liver Sinusoidal Endothelial Cell-Mediated CD8 T Cell Priming Depends on Co-Inhibitory Signal Integration over Time. PLoS ONE, 2014, 9, e99574.	2.5	8
21	Multi-protein assemblies underlie the mesoscale organization of the plasma membrane. Nature Communications, 2014, 5, 4509.	12.8	157
22	The Extracellular Î´-Domain is Essential for the Formation of CD81 Tetraspanin Webs. Biophysical Journal, 2014, 107, 100-113.	0.5	42
23	Microdomains of SNARE Proteins in the Plasma Membrane. Current Topics in Membranes, 2013, 72, 193-230.	0.9	34
24	The Amyloid Precursor Protein Forms Plasmalemmal Clusters via Its Pathogenic Amyloid-Î² Domain. Biophysical Journal, 2012, 102, 1411-1417.	0.5	16
25	Two-color nanoscopy of three-dimensional volumes by 4Pi detection of stochastically switched fluorophores. Nature Methods, 2011, 8, 353-359.	19.0	206
26	Ca²⁺induces clustering of membrane proteins in the plasma membrane via electrostatic interactions. EMBO Journal, 2011, 30, 1209-1220.	7.8	55
27	Structure and Dynamics of a Two-Helix SNARE Complex in Live Cells. Traffic, 2010, 11, 394-404.	2.7	38
28	Membrane Protein Clusters at Nanoscale Resolution: More Than Pretty Pictures. Physiology, 2010, 25, 116-124.	3.1	56
29	Interplay between lipids and the proteinaceous membrane fusion machinery. Progress in Lipid Research, 2008, 47, 461-469.	11.6	26
30	Anatomy and Dynamics of a Supramolecular Membrane Protein Cluster. Science, 2007, 317, 1072-1076.	12.6	405
31	SNARE proteins and â€˜membrane raftsâ€™. Journal of Physiology, 2007, 585, 693-698.	2.9	98
32	The SNARE Motif Is Essential for the Formation of Syntaxin Clusters in the Plasma Membrane. Biophysical Journal, 2006, 90, 2843-2851.	0.5	168
33	Munc18-Bound Syntaxin Readily Forms SNARE Complexes with Synaptobrevin in Native Plasma Membranes. PLoS Biology, 2006, 4, e330.	5.6	113
34	Alternative Splicing of SNAP-25 Regulates Secretion through Nonconservative Substitutions in the SNARE Domain. Molecular Biology of the Cell, 2005, 16, 5675-5685.	2.1	61
35	Role of Actin Cortex in the Subplasmalemmal Transport of Secretory Granules in PC-12 Cells. Biophysical Journal, 2000, 78, 2863-2877.	0.5	213