

Lukas K Tamm

List of Publications by Year in descending order

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139
papers

11,254
citations

23879

60
h-index

36203

101
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162
all docs

162
docs citations

162
times ranked

10166
citing authors

#	ARTICLE	IF	CITATIONS
1	Endosomes supporting fusion mediated by vesicular stomatitis virus glycoprotein have distinctive motion and acidification. <i>Traffic</i> , 2022, , .	1.3	1
2	ATP and large signaling metabolites flux through caspase-activated Pannexin 1 channels. <i>ELife</i> , 2021, 10, .	2.8	50
3	Ebola virus glycoprotein interacts with cholesterol to enhance membrane fusion and cell entry. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 181-189.	3.6	43
4	Conserved arginine residues in synaptotagmin 1 regulate fusion pore expansion through membrane contact. <i>Nature Communications</i> , 2021, 12, 761.	5.8	21
5	De novo design of transmembrane β barrels. <i>Science</i> , 2021, 371, .	6.0	83
6	HIV-cell membrane fusion intermediates are restricted by Serincs as revealed by cryo-electron and TIRF microscopy. <i>Journal of Biological Chemistry</i> , 2020, 295, 15183-15195.	1.6	42
7	Synaptotagmin β enhances calcium sensing of chromaffin cell granules and slows discharge of granule cargos. <i>Journal of Neurochemistry</i> , 2020, 154, 598-617.	2.1	20
8	Distinct insulin granule subpopulations implicated in the secretory pathology of diabetes types 1 and 2. <i>ELife</i> , 2020, 9, .	2.8	26
9	In vitro fusion of single synaptic and dense core vesicles reproduces key physiological properties. <i>Nature Communications</i> , 2019, 10, 3904.	5.8	37
10	Quiet Outer Membrane Protein G (OmpG) Nanopore for Biosensing. <i>ACS Sensors</i> , 2019, 4, 1230-1235.	4.0	32
11	15. Application and characterization of asymmetric-supported membranes. , 2019, , 465-476.		0
12	Solution NMR of SNAREs, complexin and β -synuclein in association with membrane-mimetics. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2018, 105, 41-53.	3.9	15
13	Distinct reaction mechanisms for hyaluronan biosynthesis in different kingdoms of life. <i>Glycobiology</i> , 2018, 28, 108-121.	1.3	21
14	A molecular mechanism for calcium-mediated synaptotagmin-triggered exocytosis. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 911-917.	3.6	32
15	Quaternary structure of the small amino acid transporter OprG from <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 17267-17277.	1.6	4
16	A quantized mechanism for activation of pannexin channels. <i>Nature Communications</i> , 2017, 8, 14324.	5.8	120
17	Refinement of OprH-LPS Interactions by Molecular Simulations. <i>Biophysical Journal</i> , 2017, 112, 346-355.	0.2	50
18	Complexin Binding to Membranes and Acceptor t-SNAREs Explains Its Clamping Effect on Fusion. <i>Biophysical Journal</i> , 2017, 113, 1235-1250.	0.2	31

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19	Solution NMR Provides New Insight into Lipid-Protein Interaction. <i>Biochemistry</i> , 2017, 56, 4291-4292.	1.2	5
20	Asymmetric Phosphatidylethanolamine Distribution Controls Fusion Pore Lifetime and Probability. <i>Biophysical Journal</i> , 2017, 113, 1912-1915.	0.2	31
21	Reconstitution of calcium-mediated exocytosis of dense-core vesicles. <i>Science Advances</i> , 2017, 3, e1603208.	4.7	45
22	Special Issue on Liposomes, Exosomes, and Virosomes. <i>Biophysical Journal</i> , 2017, 113, E1.	0.2	2
23	Structure of the Ebola virus envelope protein MPER/TM domain and its interaction with the fusion loop explains their fusion activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7987-E7996.	3.3	54
24	HIV virions sense plasma membrane heterogeneity for cell entry. <i>Science Advances</i> , 2017, 3, e1700338.	4.7	95
25	Planar Supported Membranes with Mobile SNARE Proteins and Quantitative Fluorescence Microscopy Assays to Study Synaptic Vesicle Fusion. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 72.	1.4	22
26	The role of cholesterol in membrane fusion. <i>Chemistry and Physics of Lipids</i> , 2016, 199, 136-143.	1.5	279
27	Molecular Interactions of Lipopolysaccharide with an Outer Membrane Protein from <i>Pseudomonas aeruginosa</i> Probed by Solution NMR. <i>Biochemistry</i> , 2016, 55, 5061-5072.	1.2	26
28	Line tension at lipid phase boundaries as driving force for HIV fusion peptide-mediated fusion. <i>Nature Communications</i> , 2016, 7, 11401.	5.8	120
29	Site-specific fluorescent labeling to visualize membrane translocation of a myristoyl switch protein. <i>Scientific Reports</i> , 2016, 6, 32866.	1.6	12
30	NMR as a tool to investigate the structure, dynamics and function of membrane proteins. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 468-474.	3.6	92
31	Assembly and Comparison of Plasma Membrane SNARE Acceptor Complexes. <i>Biophysical Journal</i> , 2016, 110, 2147-2150.	0.2	19
32	The Roles of Histidines and Charged Residues as Potential Triggers of a Conformational Change in the Fusion Loop of Ebola Virus Glycoprotein. <i>PLoS ONE</i> , 2016, 11, e0152527.	1.1	12
33	Supported Lipid Bilayers as Models for Studying Membrane Domains. <i>Current Topics in Membranes</i> , 2015, 75, 1-23.	0.5	27
34	High Cholesterol Obviates a Prolonged Hemifusion Intermediate in Fast SNARE-Mediated Membrane Fusion. <i>Biophysical Journal</i> , 2015, 109, 319-329.	0.2	50
35	Reconstituting SNARE-mediated membrane fusion at the single liposome level. <i>Methods in Cell Biology</i> , 2015, 128, 339-363.	0.5	16
36	HIV gp41-mediated membrane fusion occurs at edges of cholesterol-rich lipid domains. <i>Nature Chemical Biology</i> , 2015, 11, 424-431.	3.9	175

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37	Optimizing nanodiscs and bicelles for solution NMR studies of two β^2 -barrel membrane proteins. <i>Journal of Biomolecular NMR</i> , 2015, 61, 261-274.	1.6	31
38	OprG Harnesses the Dynamics of its Extracellular Loops to Transport Small Amino Acids across the Outer Membrane of <i>Pseudomonas aeruginosa</i> . <i>Structure</i> , 2015, 23, 2234-2245.	1.6	26
39	Control of the Conductance of Engineered Protein Nanopores through Concerted Loop Motions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5897-5902.	7.2	28
40	Variable cooperativity in SNARE-mediated membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12037-12042.	3.3	81
41	The Juxtamembrane Linker of Full-length Synaptotagmin 1 Controls Oligomerization and Calcium-dependent Membrane Binding. <i>Journal of Biological Chemistry</i> , 2014, 289, 22161-22171.	1.6	25
42	Regulation of Rac translocation and activation by membrane domains and their boundaries. <i>Journal of Cell Science</i> , 2014, 127, 2565-76.	1.2	40
43	The SNARE Motif of Synaptobrevin Exhibits an Aqueous "Interfacial Partitioning That Is Modulated by Membrane Curvature. <i>Biochemistry</i> , 2014, 53, 1485-1494.	1.2	24
44	Capturing Glimpses of an Elusive HIV Gp41 Prehairpin Fusion Intermediate. <i>Structure</i> , 2014, 22, 1225-1226.	1.6	14
45	Ebolavirus Entry Requires a Compact Hydrophobic Fist at the Tip of the Fusion Loop. <i>Journal of Virology</i> , 2014, 88, 6636-6649.	1.5	44
46	Mass Spectrometry Defines the C-Terminal Dimerization Domain and Enables Modeling of the Structure of Full-Length OmpA. <i>Structure</i> , 2014, 22, 781-790.	1.6	58
47	NMR-Based Conformational Ensembles Explain pH-Gated Opening and Closing of OmpG Channel. <i>Journal of the American Chemical Society</i> , 2013, 135, 15101-15113.	6.6	31
48	Lateral Membrane Diffusion Corralled. <i>Biophysical Journal</i> , 2013, 104, 1399-1400.	0.2	1
49	Rapid Fusion of Synaptic Vesicles with Reconstituted Target SNARE Membranes. <i>Biophysical Journal</i> , 2013, 104, 1950-1958.	0.2	39
50	Membrane Depth-Dependent Energetic Contribution of the Tryptophan Side Chain to the Stability of Integral Membrane Proteins. <i>Biochemistry</i> , 2013, 52, 4413-4421.	1.2	27
51	Prefusion structure of syntaxin-1A suggests pathway for folding into neuronal <i>trans</i> -SNARE complex fusion intermediate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19384-19389.	3.3	56
52	Role of Sequence and Structure of the Hendra Fusion Protein Fusion Peptide in Membrane Fusion. <i>Journal of Biological Chemistry</i> , 2012, 287, 30035-30048.	1.6	12
53	Fusion Activity of HIV gp41 Fusion Domain Is Related to Its Secondary Structure and Depth of Membrane Insertion in a Cholesterol-Dependent Fashion. <i>Journal of Molecular Biology</i> , 2012, 418, 3-15.	2.0	94
54	Structure and function of the complete internal fusion loop from Ebolavirus glycoprotein 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11211-11216.	3.3	108

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55	Molecular Mechanism of Cholesterol- and Polyphosphoinositide-Mediated Syntaxin Clustering. <i>Biochemistry</i> , 2011, 50, 9014-9022.	1.2	55
56	Partitioning of Synaptotagmin I C2 Domains between Liquid-Ordered and Liquid-Disordered Inner Leaflet Lipid Phases. <i>Biochemistry</i> , 2011, 50, 2478-2485.	1.2	14
57	Structural Basis for the Interaction of Lipopolysaccharide with Outer Membrane Protein H (OprH) from <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 39211-39223.	1.6	65
58	Synaptotagmin 1 Modulates Lipid Acyl Chain Order in Lipid Bilayers by Demixing Phosphatidylserine. <i>Journal of Biological Chemistry</i> , 2011, 286, 25291-25300.	1.6	49
59	Shallow Boomerang-shaped Influenza Hemagglutinin G13A Mutant Structure Promotes Leaky Membrane Fusion*. <i>Journal of Biological Chemistry</i> , 2010, 285, 37467-37475.	1.6	23
60	Docking and Fast Fusion of Synaptobrevin Vesicles Depends on the Lipid Compositions of the Vesicle and the Acceptor SNARE Complex-Containing Target Membrane. <i>Biophysical Journal</i> , 2010, 99, 2936-2946.	0.2	64
61	Single SNARE-Mediated Vesicle Fusion Observed In Vitro by Polarized TIRFM. <i>Biophysical Journal</i> , 2010, 99, 4047-4055.	0.2	42
62	Fast-time scale dynamics of outer membrane protein A by extended model-free analysis of NMR relaxation data. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 68-76.	1.4	34
63	Single Vesicle Millisecond Fusion Kinetics Reveals Number of SNARE Complexes Optimal for Fast SNARE-mediated Membrane Fusion. <i>Journal of Biological Chemistry</i> , 2009, 284, 32158-32166.	1.6	148
64	Dynamic structure of lipid-bound synaptobrevin suggests a nucleation-propagation mechanism for trans-SNARE complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20306-20311.	3.3	102
65	Chapter 8 Methods for Measuring the Thermodynamic Stability of Membrane Proteins. <i>Methods in Enzymology</i> , 2009, 455, 213-236.	0.4	68
66	Clustering of Syntaxin-1A in Model Membranes Is Modulated by Phosphatidylinositol 4,5-Bisphosphate and Cholesterol. <i>Biochemistry</i> , 2009, 48, 4617-4625.	1.2	108
67	Domain coupling in asymmetric lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 64-71.	1.4	194
68	Membrane interactions of a self-assembling model peptide that mimics the self-association, structure and toxicity of A β (1-40). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1714-1721.	1.4	15
69	Supported membranes in structural biology. <i>Journal of Structural Biology</i> , 2009, 168, 1-2.	1.3	15
70	Coupling of Cholesterol-Rich Lipid Phases in Asymmetric Bilayers. <i>Biochemistry</i> , 2008, 47, 2190-2198.	1.2	95
71	Structure of outer membrane protein G by solution NMR spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16140-16145.	3.3	139
72	Locking the Kink in the Influenza Hemagglutinin Fusion Domain Structure*. <i>Journal of Biological Chemistry</i> , 2007, 282, 23946-23956.	1.6	52

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73	Combined NMR and EPR spectroscopy to determine structures of viral fusion domains in membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 3052-3060.	1.4	33
74	Role of Aromatic Side Chains in the Folding and Thermodynamic Stability of Integral Membrane Proteins. <i>Journal of the American Chemical Society</i> , 2007, 129, 8320-8327.	6.6	149
75	Structure and Plasticity of the Human Immunodeficiency Virus gp41 Fusion Domain in Lipid Micelles and Bilayers. <i>Biophysical Journal</i> , 2007, 93, 876-885.	0.2	91
76	Fluorescence Microscopy to Study Domains in Supported Lipid Bilayers. <i>Methods in Molecular Biology</i> , 2007, 400, 481-488.	0.4	35
77	Transbilayer Effects of Raft-Like Lipid Domains in Asymmetric Planar Bilayers Measured by Single Molecule Tracking. <i>Biophysical Journal</i> , 2006, 91, 3313-3326.	0.2	211
78	Increasing the Accuracy of Solution NMR Structures of Membrane Proteins by Application of Residual Dipolar Couplings. High-Resolution Structure of Outer Membrane Protein A. <i>Journal of the American Chemical Society</i> , 2006, 128, 6947-6951.	6.6	75
79	Protein and Lipid Partitioning in Locally Heterogeneous Model Membranes. , 2006, , 337-365.		1
80	Protein-Lipid Interactions in the Formation of Raft Microdomains in Biological Membranes. , 2006, , 305-336.		1
81	Structure and Interactions of C2 Domains at Membrane Surfaces. , 2006, , 403-422.		2
82	Mechanism of Membrane Permeation and Pore Formation by Antimicrobial Peptides. , 2006, , 187-217.		2
83	Site-Directed Parallel Spin-Labeling and Paramagnetic Relaxation Enhancement in Structure Determination of Membrane Proteins by Solution NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2006, 128, 4389-4397.	6.6	149
84	Lipid Bilayers, Translocons and the Shaping of Polypeptide Structure. , 2006, , 1-25.		1
85	Cell Fusion in Development and Disease. , 2006, , 219-244.		2
86	Molecular Mechanisms of Intracellular Membrane Fusion. , 2006, , 245-277.		0
87	Interplay of Proteins and Lipids in Virus Entry by Membrane Fusion. , 2006, , 279-303.		8
88	In vitro and Cellular Membrane-binding Mechanisms of Membrane-targeting Domains. , 2006, , 367-401.		0
89	Structural Mechanisms of Allosteric Regulation by Membrane-binding Domains. , 2006, , 423-436.		0
90	Folding and Stability of Monomeric Î²-Barrel Membrane Proteins. , 2006, , 27-56.		3

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91	A Paradigm of Membrane Protein Folding: Principles, Kinetics and Stability of Bacteriorhodopsin Folding. , 2006, , 57-80.		1
92	Post-integration Misassembly of Membrane Proteins and Disease. , 2006, , 81-94.		0
93	A Census of Ordered Lipids and Detergents in X-ray Crystal Structures of Integral Membrane Proteins. , 2006, , 95-117.		3
94	Lipid and Detergent Interactions with Membrane Proteins Derived from Solution Nuclear Magnetic Resonance. , 2006, , 119-137.		0
95	Lipid Interactions of α -Helical Protein Toxins. , 2006, , 139-162.		1
96	Membrane Recognition and Pore Formation by Bacterial Pore-forming Toxins. , 2006, , 163-186.		2
97	Electrostatic couplings in OmpA ion-channel gating suggest a mechanism for pore opening. , 2006, 2, 627-635.		118
98	NMR of membrane proteins in solution. Progress in Nuclear Magnetic Resonance Spectroscopy, 2006, 48, 201-210.	3.9	65
99	The Outer Membrane Protein OmpW Forms an Eight-stranded β -Barrel with a Hydrophobic Channel. Journal of Biological Chemistry, 2006, 281, 7568-7577.	1.6	204
100	Fusion Peptide of Influenza Hemagglutinin Requires a Fixed Angle Boomerang Structure for Activity. Journal of Biological Chemistry, 2006, 281, 5760-5770.	1.6	117
101	Membrane Structures of the Hemifusion-Inducing Fusion Peptide Mutant G1S and the Fusion-Blocking Mutant G1V of Influenza Virus Hemagglutinin Suggest a Mechanism for Pore Opening in Membrane Fusion. Journal of Virology, 2005, 79, 12065-12076.	1.5	66
102	Measuring Lipid Asymmetry in Planar Supported Bilayers by Fluorescence Interference Contrast Microscopy. Langmuir, 2005, 21, 1377-1388.	1.6	128
103	Elastic coupling of integral membrane protein stability to lipid bilayer forces. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4065-4070.	3.3	210
104	Folding and assembly of β -barrel membrane proteins. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1666, 250-263.	1.4	263
105	Role of Cholesterol in the Formation and Nature of Lipid Rafts in Planar and Spherical Model Membranes. Biophysical Journal, 2004, 86, 2965-2979.	0.2	270
106	Membrane fusion: a structural perspective on the interplay of lipids and proteins. Current Opinion in Structural Biology, 2003, 13, 453-466.	2.6	172
107	Thermodynamics of Fusion Peptide-Membrane Interactions. Biochemistry, 2003, 42, 7245-7251.	1.2	73
108	FTIR and Fluorescence Studies of Interactions of Synaptic Fusion Proteins in Polymer-Supported Bilayers. Langmuir, 2003, 19, 1838-1846.	1.6	24

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109	Structure, dynamics and function of the outer membrane protein A (OmpA) and influenza hemagglutinin fusion domain in detergent micelles by solution NMR. <i>FEBS Letters</i> , 2003, 555, 139-143.	1.3	59
110	Hypothesis: spring-loaded boomerang mechanism of influenza hemagglutinin-mediated membrane fusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1614, 14-23.	1.4	77
111	Measuring Distances in Supported Bilayers by Fluorescence Interference-Contrast Microscopy: Polymer Supports and SNARE Proteins. <i>Biophysical Journal</i> , 2003, 84, 408-418.	0.2	174
112	Secondary and Tertiary Structure Formation of the β^2 -Barrel Membrane Protein OmpA is Synchronized and Depends on Membrane Thickness. <i>Journal of Molecular Biology</i> , 2002, 324, 319-330.	2.0	159
113	Structural Transitions in Short-Chain Lipid Assemblies Studied by ^{31}P -NMR Spectroscopy. <i>Biophysical Journal</i> , 2002, 83, 994-1003.	0.2	69
114	Structure and function of membrane fusion peptides. <i>Biopolymers</i> , 2002, 66, 249-260.	1.2	88
115	Peptide mimics of SNARE transmembrane segments drive membrane fusion depending on their conformational plasticity. <i>Journal of Molecular Biology</i> , 2001, 311, 709-721.	2.0	130
116	Reconstituted Syntaxin1A/SNAP25 Interacts with Negatively Charged Lipids as Measured by Lateral Diffusion in Planar Supported Bilayers. <i>Biophysical Journal</i> , 2001, 81, 266-275.	0.2	154
117	Structure and Assembly of β^2 -Barrel Membrane Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 32399-32402.	1.6	122
118	Structure of outer membrane protein A transmembrane domain by NMR spectroscopy. <i>Nature Structural Biology</i> , 2001, 8, 334-338.	9.7	363
119	Membrane structure and fusion-triggering conformational change of the fusion domain from influenza hemagglutinin. <i>Nature Structural Biology</i> , 2001, 8, 715-720.	9.7	406
120	Biophysical approaches to membrane protein structure determination. <i>Current Opinion in Structural Biology</i> , 2001, 11, 540-547.	2.6	158
121	Viral Fusion Peptides: A Tool Set to Disrupt and Connect Biological Membranes. <i>Bioscience Reports</i> , 2000, 20, 501-518.	1.1	86
122	Refolded Outer Membrane Protein A of <i>Escherichia coli</i> Forms Ion Channels with Two Conductance States in Planar Lipid Bilayers. <i>Journal of Biological Chemistry</i> , 2000, 275, 1594-1600.	1.6	145
123	pH-dependent Self-association of Influenza Hemagglutinin Fusion Peptides in Lipid Bilayers. <i>Journal of Molecular Biology</i> , 2000, 304, 953-965.	2.0	73
124	Tethered Polymer-Supported Planar Lipid Bilayers for Reconstitution of Integral Membrane Proteins: Silane-Polyethyleneglycol-Lipid as a Cushion and Covalent Linker. <i>Biophysical Journal</i> , 2000, 79, 1400-1414.	0.2	493
125	Secondary Structure, Orientation, Oligomerization, and Lipid Interactions of the Transmembrane Domain of Influenza Hemagglutinin. <i>Biochemistry</i> , 2000, 39, 496-507.	1.2	115
126	Outer membrane protein A of <i>E. coli</i> folds into detergent micelles, but not in the presence of monomeric detergent. <i>Protein Science</i> , 1999, 8, 2065-2071.	3.1	130

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127	Time-Resolved Distance Determination by Tryptophan Fluorescence Quenching: Probing Intermediates in Membrane Protein Folding. <i>Biochemistry</i> , 1999, 38, 4996-5005.	1.2	106
128	Outer Membrane Protein A of <i>Escherichia coli</i> Inserts and Folds into Lipid Bilayers by a Concerted Mechanism. <i>Biochemistry</i> , 1999, 38, 5006-5016.	1.2	139
129	Interaction of Mutant Influenza Virus Hemagglutinin Fusion Peptides with Lipid Bilayers: Probing the Role of Hydrophobic Residue Size in the Central Region of the Fusion Peptide. <i>Biochemistry</i> , 1999, 38, 15052-15059.	1.2	69
130	pH-Induced conformational changes of membrane-bound influenza hemagglutinin and its effect on target lipid bilayers. <i>Protein Science</i> , 1998, 7, 2359-2373.	3.1	38
131	Infrared spectroscopy of proteins and peptides in lipid bilayers. <i>Quarterly Reviews of Biophysics</i> , 1997, 30, 365-429.	2.4	609
132	Structural studies on membrane-embedded influenza hemagglutinin and its fragments. <i>Protein Science</i> , 1997, 6, 1993-2006.	3.1	27
133	Reversible pH-dependent Conformational Change of Reconstituted Influenza Hemagglutinin. <i>Journal of Molecular Biology</i> , 1996, 260, 312-316.	2.0	21
134	Folding Intermediates of a β -Barrel Membrane Protein. Kinetic Evidence for a Multi-Step Membrane Insertion Mechanism. <i>Biochemistry</i> , 1996, 35, 12993-13000.	1.2	163
135	Characterization of two membrane-bound forms of OmpA. <i>Biochemistry</i> , 1995, 34, 1921-1929.	1.2	101
136	Orientation of functional and nonfunctional PTS permease signal sequences in lipid bilayers. A polarized attenuated total reflection infrared study. <i>Biochemistry</i> , 1993, 32, 7720-7726.	1.2	76
137	Formation of supported planar bilayers by fusion of vesicles to supported phospholipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1103, 307-316.	1.4	532
138	Membrane insertion and lateral mobility of synthetic amphiphilic signal peptides in lipid model membranes. <i>BBA - Biomembranes</i> , 1991, 1071, 123-148.	7.9	100
139	Secondary structure of a mitochondrial signal peptide in lipid bilayer membranes. <i>FEBS Letters</i> , 1990, 272, 29-33.	1.3	41