# Lukas K Tamm

List of Publications by Year
in descending order

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|---|---|---|---|
| 139<br>papers | 11,254<br>citations | 23879<br>60<br>h-index | 36203<br>101<br>g-index |
| 162<br>all docs | 162<br>docs citations | 162<br>times ranked | 10166<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Infrared spectroscopy of proteins and peptides in lipid bilayers. Quarterly Reviews of Biophysics, 1997, 30, 365-429. | 2.4 | 609 |
| 2 | Formation of supported planar bilayers by fusion of vesicles to supported phospholipid monolayers. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1103, 307-316. | 1.4 | 532 |
| 3 | Tethered Polymer-Supported Planar Lipid Bilayers for Reconstitution of Integral Membrane Proteins: Silane-Polyethyleneglycol-Lipid as a Cushion and Covalent Linker. Biophysical Journal, 2000, 79, 1400-1414. | 0.2 | 493 |
| 4 | Membrane structure and fusion-triggering conformational change of the fusion domain from influenza hemagglutinin. Nature Structural Biology, 2001, 8, 715-720. | 9.7 | 406 |
| 5 | Structure of outer membrane protein A transmembrane domain by NMR spectroscopy. Nature Structural Biology, 2001, 8, 334-338. | 9.7 | 363 |
| 6 | The role of cholesterol in membrane fusion. Chemistry and Physics of Lipids, 2016, 199, 136-143. | 1.5 | 279 |
| 7 | 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 |
| 8 | Folding and assembly of Î²-barrel membrane proteins. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1666, 250-263. | 1.4 | 263 |
| 9 | Transbilayer Effects of Raft-Like Lipid Domains in Asymmetric Planar Bilayers Measured by Single Molecule Tracking. Biophysical Journal, 2006, 91, 3313-3326. | 0.2 | 211 |
| 10 | 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 |
| 11 | The Outer Membrane Protein OmpW Forms an Eight-stranded Î²-Barrel with a Hydrophobic Channel. Journal of Biological Chemistry, 2006, 281, 7568-7577. | 1.6 | 204 |
| 12 | Domain coupling in asymmetric lipid bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 64-71. | 1.4 | 194 |
| 13 | HIV gp41â€“mediated membrane fusion occurs at edges of cholesterol-rich lipid domains. Nature Chemical Biology, 2015, 11, 424-431. | 3.9 | 175 |
| 14 | Measuring Distances in Supported Bilayers by Fluorescence Interference-Contrast Microscopy: Polymer Supports and SNARE Proteins. Biophysical Journal, 2003, 84, 408-418. | 0.2 | 174 |
| 15 | Membrane fusion: a structural perspective on the interplay of lipids and proteins. Current Opinion in Structural Biology, 2003, 13, 453-466. | 2.6 | 172 |
| 16 | Folding Intermediates of a Î²-Barrel Membrane Protein. Kinetic Evidence for a Multi-Step Membrane Insertion Mechanismâ€‚â€¡. Biochemistry, 1996, 35, 12993-13000. | 1.2 | 163 |
| 17 | Secondary and Tertiary Structure Formation of the Î²-Barrel Membrane Protein OmpA is Synchronized and Depends on Membrane Thickness. Journal of Molecular Biology, 2002, 324, 319-330. | 2.0 | 159 |
| 18 | Biophysical approaches to membrane protein structure determination. Current Opinion in Structural Biology, 2001, 11, 540-547. | 2.6 | 158 |

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|---|---|---|---|
| 19 | Reconstituted Syntaxin1A/SNAP25 Interacts with Negatively Charged Lipids as Measured by Lateral Diffusion in Planar Supported Bilayers. Biophysical Journal, 2001, 81, 266-275. | 0.2 | 154 |
| 20 | Site-Directed Parallel Spin-Labeling and Paramagnetic Relaxation Enhancement in Structure Determination of Membrane Proteins by Solution NMR Spectroscopy. Journal of the American Chemical Society, 2006, 128, 4389-4397. | 6.6 | 149 |
| 21 | Role of Aromatic Side Chains in the Folding and Thermodynamic Stability of Integral Membrane Proteins. Journal of the American Chemical Society, 2007, 129, 8320-8327. | 6.6 | 149 |
| 22 | Single Vesicle Millisecond Fusion Kinetics Reveals Number of SNARE Complexes Optimal for Fast SNARE-mediated Membrane Fusion. Journal of Biological Chemistry, 2009, 284, 32158-32166. | 1.6 | 148 |
| 23 | Refolded Outer Membrane Protein A of Escherichia coliForms Ion Channels with Two Conductance States in Planar Lipid Bilayers. Journal of Biological Chemistry, 2000, 275, 1594-1600. | 1.6 | 145 |
| 24 | Outer Membrane Protein A of Escherichia coli Inserts and Folds into Lipid Bilayers by a Concerted Mechanism. Biochemistry, 1999, 38, 5006-5016. | 1.2 | 139 |
| 25 | Structure of outer membrane protein G by solution NMR spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16140-16145. | 3.3 | 139 |
| 26 | Outer membrane protein A of <i>E. coli</i> folds into detergent micelles, but not in the presence of monomeric detergent. Protein Science, 1999, 8, 2065-2071. | 3.1 | 130 |
| 27 | Peptide mimics of SNARE transmembrane segments drive membrane fusion depending on their conformational plasticity. Journal of Molecular Biology, 2001, 311, 709-721. | 2.0 | 130 |
| 28 | Measuring Lipid Asymmetry in Planar Supported Bilayers by Fluorescence Interference Contrast Microscopy. Langmuir, 2005, 21, 1377-1388. | 1.6 | 128 |
| 29 | Structure and Assembly of Î²-Barrel Membrane Proteins. Journal of Biological Chemistry, 2001, 276, 32399-32402. | 1.6 | 122 |
| 30 | Line tension at lipid phase boundaries as driving force for HIV fusion peptide-mediated fusion. Nature Communications, 2016, 7, 11401. | 5.8 | 120 |
| 31 | A quantized mechanism for activation of pannexin channels. Nature Communications, 2017, 8, 14324. | 5.8 | 120 |
| 32 | Electrostatic couplings in OmpA ion-channel gating suggest a mechanism for pore opening. , 2006, 2, 627-635. | | 118 |
| 33 | Fusion Peptide of Influenza Hemagglutinin Requires a Fixed Angle Boomerang Structure for Activity. Journal of Biological Chemistry, 2006, 281, 5760-5770. | 1.6 | 117 |
| 34 | Secondary Structure, Orientation, Oligomerization, and Lipid Interactions of the Transmembrane Domain of Influenza Hemagglutinin. Biochemistry, 2000, 39, 496-507. | 1.2 | 115 |
| 35 | Clustering of Syntaxin-1A in Model Membranes Is Modulated by Phosphatidylinositol 4,5-Bisphosphate and Cholesterol. Biochemistry, 2009, 48, 4617-4625. | 1.2 | 108 |
| 36 | Structure and function of the complete internal fusion loop from Ebolavirus glycoprotein 2. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11211-11216. | 3.3 | 108 |

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| 37 | Time-Resolved Distance Determination by Tryptophan Fluorescence Quenching:â€‰ Probing Intermediates in Membrane Protein Folding. Biochemistry, 1999, 38, 4996-5005. | 1.2 | 106 |
| 38 | Dynamic structure of lipid-bound synaptobrevin suggests a nucleation-propagation mechanism for trans-SNARE complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20306-20311. | 3.3 | 102 |
| 39 | Characterization of two membrane-bound forms of OmpA. Biochemistry, 1995, 34, 1921-1929. | 1.2 | 101 |
| 40 | Membrane insertion and lateral mobility of synthetic amphiphilic signal peptides in lipid model membranes. BBA - Biomembranes, 1991, 1071, 123-148. | 7.9 | 100 |
| 41 | Coupling of Cholesterol-Rich Lipid Phases in Asymmetric Bilayers. Biochemistry, 2008, 47, 2190-2198. | 1.2 | 95 |
| 42 | HIV virions sense plasma membrane heterogeneity for cell entry. Science Advances, 2017, 3, e1700338. | 4.7 | 95 |
| 43 | Fusion Activity of HIV gp41 Fusion Domain Is Related to Its Secondary Structure and Depth of Membrane Insertion in a Cholesterol-Dependent Fashion. Journal of Molecular Biology, 2012, 418, 3-15. | 2.0 | 94 |
| 44 | NMR as a tool to investigate the structure, dynamics and function of membrane proteins. Nature Structural and Molecular Biology, 2016, 23, 468-474. | 3.6 | 92 |
| 45 | Structure and Plasticity of the Human Immunodeficiency Virus gp41 Fusion Domain in Lipid Micelles and Bilayers. Biophysical Journal, 2007, 93, 876-885. | 0.2 | 91 |
| 46 | Structure and function of membrane fusion peptides. Biopolymers, 2002, 66, 249-260. | 1.2 | 88 |
| 47 | Viral Fusion Peptides: A Tool Set to Disrupt and Connect Biological Membranes. Bioscience Reports, 2000, 20, 501-518. | 1.1 | 86 |
| 48 | De novo design of transmembrane Î² barrels. Science, 2021, 371, . | 6.0 | 83 |
| 49 | Variable cooperativity in SNARE-mediated membrane fusion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12037-12042. | 3.3 | 81 |
| 50 | Hypothesis: spring-loaded boomerang mechanism of influenza hemagglutinin-mediated membrane fusion. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1614, 14-23. | 1.4 | 77 |
| 51 | Orientation of functional and nonfunctional PTS permease signal sequences in lipid bilayers. A polarized attenuated total reflection infrared study. Biochemistry, 1993, 32, 7720-7726. | 1.2 | 76 |
| 52 | Increasing the Accuracy of Solution NMR Structures of Membrane Proteins by Application of Residual Dipolar Couplings. High-Resolution Structure of Outer Membrane Protein A. Journal of the American Chemical Society, 2006, 128, 6947-6951. | 6.6 | 75 |
| 53 | pH-dependent Self-association of Influenza Hemagglutinin Fusion Peptides in Lipid Bilayers. Journal of Molecular Biology, 2000, 304, 953-965. | 2.0 | 73 |
| 54 | Thermodynamics of Fusion Peptideâ<sup></sup>Membrane Interactionsâ€. Biochemistry, 2003, 42, 7245-7251. | 1.2 | 73 |

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| 55 | Interaction of Mutant Influenza Virus Hemagglutinin Fusion Peptides with Lipid Bilayers:Â Probing the Role of Hydrophobic Residue Size in the Central Region of the Fusion Peptideâ€. Biochemistry, 1999, 38, 15052-15059. | 1.2 | 69 |
| 56 | Structural Transitions in Short-Chain Lipid Assemblies Studied by 31P-NMR Spectroscopy. Biophysical Journal, 2002, 83, 994-1003. | 0.2 | 69 |
| 57 | Chapter 8 Methods for Measuring the Thermodynamic Stability of Membrane Proteins. Methods in Enzymology, 2009, 455, 213-236. | 0.4 | 68 |
| 58 | Membrane Structures of the Hemifusion-Inducing Fusion Peptide Mutant G1S and theFusion-Blocking Mutant G1V of Influenza Virus HemagglutininSuggest a Mechanism for Pore Opening in MembraneFusion. Journal of Virology, 2005, 79, 12065-12076. | 1.5 | 66 |
| 59 | NMR of membrane proteins in solution. Progress in Nuclear Magnetic Resonance Spectroscopy, 2006, 48, 201-210. | 3.9 | 65 |
| 60 | Structural Basis for the Interaction of Lipopolysaccharide with Outer Membrane Protein H (OprH) from Pseudomonas aeruginosa. Journal of Biological Chemistry, 2011, 286, 39211-39223. | 1.6 | 65 |
| 61 | Docking and Fast Fusion of Synaptobrevin Vesicles Depends on the Lipid Compositions of the Vesicle and the Acceptor SNARE Complex-Containing Target Membrane. Biophysical Journal, 2010, 99, 2936-2946. | 0.2 | 64 |
| 62 | Structure, dynamics and function of the outer membrane protein A (OmpA) and influenza hemagglutinin fusion domain in detergent micelles by solution NMR. FEBS Letters, 2003, 555, 139-143. | 1.3 | 59 |
| 63 | Mass Spectrometry Defines the C-Terminal Dimerization Domain and Enables Modeling of the Structure of Full-Length OmpA. Structure, 2014, 22, 781-790. | 1.6 | 58 |
| 64 | Prefusion structure of syntaxin-1A suggests pathway for folding into neuronal <i>trans</i> -SNARE complex fusion intermediate. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19384-19389. | 3.3 | 56 |
| 65 | Molecular Mechanism of Cholesterol- and Polyphosphoinositide-Mediated Syntaxin Clustering. Biochemistry, 2011, 50, 9014-9022. | 1.2 | 55 |
| 66 | Structure of the Ebola virus envelope protein MPER/TM domain and its interaction with the fusion loop explains their fusion activity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7987-E7996. | 3.3 | 54 |
| 67 | Locking the Kink in the Influenza Hemagglutinin Fusion Domain Structure*. Journal of Biological Chemistry, 2007, 282, 23946-23956. | 1.6 | 52 |
| 68 | High Cholesterol Obviates a Prolonged Hemifusion Intermediate in Fast SNARE-Mediated Membrane Fusion. Biophysical Journal, 2015, 109, 319-329. | 0.2 | 50 |
| 69 | Refinement of OprH-LPS Interactions by Molecular Simulations. Biophysical Journal, 2017, 112, 346-355. | 0.2 | 50 |
| 70 | ATP and large signaling metabolites flux through caspase-activated Pannexin 1 channels. ELife, 2021, 10, . | 2.8 | 50 |
| 71 | Synaptotagmin 1 Modulates Lipid Acyl Chain Order in Lipid Bilayers by Demixing Phosphatidylserine. Journal of Biological Chemistry, 2011, 286, 25291-25300. | 1.6 | 49 |
| 72 | Reconstitution of calcium-mediated exocytosis of dense-core vesicles. Science Advances, 2017, 3, e1603208. | 4.7 | 45 |

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| 73 | Ebolavirus Entry Requires a Compact Hydrophobic Fist at the Tip of the Fusion Loop. Journal of Virology, 2014, 88, 6636-6649. | 1.5 | 44 |
| 74 | Ebola virus glycoprotein interacts with cholesterol to enhance membrane fusion and cell entry. Nature Structural and Molecular Biology, 2021, 28, 181-189. | 3.6 | 43 |
| 75 | Single SNARE-Mediated Vesicle Fusion Observed InÂVitro by Polarized TIRFM. Biophysical Journal, 2010, 99, 4047-4055. | 0.2 | 42 |
| 76 | HIV-cell membrane fusion intermediates are restricted by Serincs as revealed by cryo-electron and TIRF microscopy. Journal of Biological Chemistry, 2020, 295, 15183-15195. | 1.6 | 42 |
| 77 | Secondary structure of a mitochondrial signal peptide in lipid bilayer membranes. FEBS Letters, 1990, 272, 29-33. | 1.3 | 41 |
| 78 | Regulation of Rac translocation and activation by membrane domains and their boundaries. Journal of Cell Science, 2014, 127, 2565-76. | 1.2 | 40 |
| 79 | Rapid Fusion of Synaptic Vesicles with Reconstituted Target SNARE Membranes. Biophysical Journal, 2013, 104, 1950-1958. | 0.2 | 39 |
| 80 | pHâ€Induced conformational changes of membraneâ€bound influenza hemagglutinin and its effect on target lipid bilayers. Protein Science, 1998, 7, 2359-2373. | 3.1 | 38 |
| 81 | In vitro fusion of single synaptic and dense core vesicles reproduces key physiological properties. Nature Communications, 2019, 10, 3904. | 5.8 | 37 |
| 82 | Fluorescence Microscopy to Study Domains in Supported Lipid Bilayers. Methods in Molecular Biology, 2007, 400, 481-488. | 0.4 | 35 |
| 83 | Fast-time scale dynamics of outer membrane protein A by extended model-free analysis of NMR relaxation data. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 68-76. | 1.4 | 34 |
| 84 | Combined NMR and EPR spectroscopy to determine structures of viral fusion domains in membranes. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 3052-3060. | 1.4 | 33 |
| 85 | A molecular mechanism for calcium-mediated synaptotagmin-triggered exocytosis. Nature Structural and Molecular Biology, 2018, 25, 911-917. | 3.6 | 32 |
| 86 | Quiet Outer Membrane Protein G (OmpG) Nanopore for Biosensing. ACS Sensors, 2019, 4, 1230-1235. | 4.0 | 32 |
| 87 | NMR-Based Conformational Ensembles Explain pH-Gated Opening and Closing of OmpG Channel. Journal of the American Chemical Society, 2013, 135, 15101-15113. | 6.6 | 31 |
| 88 | Optimizing nanodiscs and bicelles for solution NMR studies of two Î²-barrel membrane proteins. Journal of Biomolecular NMR, 2015, 61, 261-274. | 1.6 | 31 |
| 89 | Complexin Binding to Membranes and Acceptor t-SNAREs Explains Its Clamping Effect on Fusion. Biophysical Journal, 2017, 113, 1235-1250. | 0.2 | 31 |
| 90 | Asymmetric Phosphatidylethanolamine Distribution Controls Fusion Pore Lifetime and Probability. Biophysical Journal, 2017, 113, 1912-1915. | 0.2 | 31 |

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| 91 | Control of the Conductance of Engineered Protein Nanopores through Concerted Loop Motions. Angewandte Chemie - International Edition, 2014, 53, 5897-5902. | 7.2 | 28 |
| 92 | Structural studies on membraneâ€embedded influenza hemagglutinin and its fragments. Protein Science, 1997, 6, 1993-2006. | 3.1 | 27 |
| 93 | Membrane Depth-Dependent Energetic Contribution of the Tryptophan Side Chain to the Stability of Integral Membrane Proteins. Biochemistry, 2013, 52, 4413-4421. | 1.2 | 27 |
| 94 | Supported Lipid Bilayers as Models for Studying Membrane Domains. Current Topics in Membranes, 2015, 75, 1-23. | 0.5 | 27 |
| 95 | OprG Harnesses the Dynamics of its Extracellular Loops to Transport Small Amino Acids across the Outer Membrane of Pseudomonas aeruginosa. Structure, 2015, 23, 2234-2245. | 1.6 | 26 |
| 96 | Molecular Interactions of Lipopolysaccharide with an Outer Membrane Protein from <i>Pseudomonas aeruginosa</i> Probed by Solution NMR. Biochemistry, 2016, 55, 5061-5072. | 1.2 | 26 |
| 97 | Distinct insulin granule subpopulations implicated in the secretory pathology of diabetes types 1 and 2. ELife, 2020, 9, . | 2.8 | 26 |
| 98 | The Juxtamembrane Linker of Full-length Synaptotagmin 1 Controls Oligomerization and Calcium-dependent Membrane Binding. Journal of Biological Chemistry, 2014, 289, 22161-22171. | 1.6 | 25 |
| 99 | FTIR and Fluorescence Studies of Interactions of Synaptic Fusion Proteins in Polymer-Supported Bilayersâ€. Langmuir, 2003, 19, 1838-1846. | 1.6 | 24 |
| 100 | The SNARE Motif of Synaptobrevin Exhibits an Aqueousâ€"Interfacial Partitioning That Is Modulated by Membrane Curvature. Biochemistry, 2014, 53, 1485-1494. | 1.2 | 24 |
| 101 | Shallow Boomerang-shaped Influenza Hemagglutinin G13A Mutant Structure Promotes Leaky Membrane Fusion*. Journal of Biological Chemistry, 2010, 285, 37467-37475. | 1.6 | 23 |
| 102 | Planar Supported Membranes with Mobile SNARE Proteins and Quantitative Fluorescence Microscopy Assays to Study Synaptic Vesicle Fusion. Frontiers in Molecular Neuroscience, 2017, 10, 72. | 1.4 | 22 |
| 103 | Reversible pH-dependent Conformational Change of Reconstituted Influenza Hemagglutinin. Journal of Molecular Biology, 1996, 260, 312-316. | 2.0 | 21 |
| 104 | Distinct reaction mechanisms for hyaluronan biosynthesis in different kingdoms of life. Glycobiology, 2018, 28, 108-121. | 1.3 | 21 |
| 105 | Conserved arginine residues in synaptotagmin 1 regulate fusion pore expansion through membrane contact. Nature Communications, 2021, 12, 761. | 5.8 | 21 |
| 106 | Synaptotagminâ€7 enhances calciumâ€sensing of chromaffin cell granules and slows discharge of granule cargos. Journal of Neurochemistry, 2020, 154, 598-617. | 2.1 | 20 |
| 107 | Assembly and Comparison of Plasma Membrane SNARE Acceptor Complexes. Biophysical Journal, 2016, 110, 2147-2150. | 0.2 | 19 |
| 108 | Reconstituting SNARE-mediated membrane fusion at the single liposome level. Methods in Cell Biology, 2015, 128, 339-363. | 0.5 | 16 |

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| 109 | Membrane interactions of a self-assembling model peptide that mimics the self-association, structure and toxicity of AÎ²(1â€"40). Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 1714-1721. | 1.4 | 15 |
| 110 | Supported membranes in structural biology. Journal of Structural Biology, 2009, 168, 1-2. | 1.3 | 15 |
| 111 | Solution NMR of SNAREs, complexin and Î±-synuclein in association with membrane-mimetics. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 105, 41-53. | 3.9 | 15 |
| 112 | Partitioning of Synaptotagmin I C2 Domains between Liquid-Ordered and Liquid-Disordered Inner Leaflet Lipid Phases. Biochemistry, 2011, 50, 2478-2485. | 1.2 | 14 |
| 113 | Capturing Glimpses of an Elusive HIV Gp41 Prehairpin Fusion Intermediate. Structure, 2014, 22, 1225-1226. | 1.6 | 14 |
| 114 | Role of Sequence and Structure of the Hendra Fusion Protein Fusion Peptide in Membrane Fusion. Journal of Biological Chemistry, 2012, 287, 30035-30048. | 1.6 | 12 |
| 115 | Site-specific fluorescent labeling to visualize membrane translocation of a myristoyl switch protein. Scientific Reports, 2016, 6, 32866. | 1.6 | 12 |
| 116 | The Roles of Histidines and Charged Residues as Potential Triggers of a Conformational Change in the Fusion Loop of Ebola Virus Glycoprotein. PLoS ONE, 2016, 11, e0152527. | 1.1 | 12 |
| 117 | Interplay of Proteins and Lipids in Virus Entry by Membrane Fusion. , 2006, , 279-303. | | 8 |
| 118 | Solution NMR Provides New Insight into Lipidâ€"Protein Interaction. Biochemistry, 2017, 56, 4291-4292. | 1.2 | 5 |
| 119 | Quaternary structure of the small amino acid transporter OprG from Pseudomonas aeruginosa. Journal of Biological Chemistry, 2018, 293, 17267-17277. | 1.6 | 4 |
| 120 | Folding and Stability of Monomeric Î²-Barrel Membrane Proteins. , 2006, , 27-56. | | 3 |
| 121 | A Census of Ordered Lipids and Detergents in X-ray Crystal Structures of Integral Membrane Proteins. , 2006, , 95-117. | | 3 |
| 122 | Structure and Interactions of C2 Domains at Membrane Surfaces. , 2006, , 403-422. | | 2 |
| 123 | Mechanism of Membrane Permeation and Pore Formation by Antimicrobial Peptides. , 2006, , 187-217. | | 2 |
| 124 | Cell Fusion in Development and Disease. , 2006, , 219-244. | | 2 |
| 125 | Membrane Recognition and Pore Formation by Bacterial Pore-forming Toxins. , 2006, , 163-186. | | 2 |
| 126 | Special Issue on Liposomes, Exosomes, andÂVirosomes. Biophysical Journal, 2017, 113, E1. | 0.2 | 2 |

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| 127 | Protein and Lipid Partitioning in Locally Heterogeneous Model Membranes. , 2006, , 337-365. | | 1 |
| 128 | Protein-Lipid Interactions in the Formation of Raft Microdomains in Biological Membranes. , 2006, , 305-336. | | 1 |
| 129 | Lipid Bilayers, Translocons and the Shaping of Polypeptide Structure. , 2006, , 1-25. | | 1 |
| 130 | A Paradigm of Membrane Protein Folding: Principles, Kinetics and Stability of Bacteriorhodopsin Folding. , 2006, , 57-80. | | 1 |
| 131 | Lipid Interactions of Î±-Helical Protein Toxins. , 2006, , 139-162. | | 1 |
| 132 | Lateral Membrane Diffusion Corralled. Biophysical Journal, 2013, 104, 1399-1400. | 0.2 | 1 |
| 133 | Endosomes supporting fusion mediated by vesicular stomatitis virus glycoprotein have distinctive motion and acidification. Traffic, 2022, , . | 1.3 | 1 |
| 134 | Molecular Mechanisms of Intracellular Membrane Fusion. , 2006, , 245-277. | | 0 |
| 135 | In vitro and Cellular Membrane-binding Mechanisms of Membrane-targeting Domains. , 2006, , 367-401. | | 0 |
| 136 | Structural Mechanisms of Allosteric Regulation by Membrane-binding Domains. , 2006, , 423-436. | | 0 |
| 137 | Post-integration Misassembly of Membrane Proteins and Disease. , 2006, , 81-94. | | 0 |
| 138 | Lipid and Detergent Interactions with Membrane Proteins Derived from Solution Nuclear Magnetic Resonance. , 2006, , 119-137. | | 0 |
| 139 | 15. Application and characterization of asymmetric-supported membranes. , 2019, , 465-476. | | 0 |