

Phillip James Stansfeld

List of Publications by Year in descending order

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142
papers

6,751
citations

61977

43
h-index

76898

74
g-index

165
all docs

165
docs citations

165
times ranked

7966
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of interfacial lipids in stabilizing membrane protein oligomers. <i>Nature</i> , 2017, 541, 421-424.	27.8	344
2	MemProtMD: Automated Insertion of Membrane Protein Structures into Explicit Lipid Membranes. <i>Structure</i> , 2015, 23, 1350-1361.	3.3	257
3	From Coarse Grained to Atomistic: A Serial Multiscale Approach to Membrane Protein Simulations. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 1157-1166.	5.3	240
4	Structural basis for outer membrane lipopolysaccharide insertion. <i>Nature</i> , 2014, 511, 52-56.	27.8	239
5	Structural basis of outer membrane protein insertion by the BAM complex. <i>Nature</i> , 2016, 531, 64-69.	27.8	234
6	The SARS-COV-2 Spike Protein Binds Sialic Acids and Enables Rapid Detection in a Lateral Flow Point of Care Diagnostic Device. <i>ACS Central Science</i> , 2020, 6, 2046-2052.	11.3	222
7	Structures of ABCB10, a human ATP-binding cassette transporter in apo- and nucleotide-bound states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9710-9715.	7.1	219
8	Structure of the TatC core of the twin-arginine protein transport system. <i>Nature</i> , 2012, 492, 210-214.	27.8	164
9	The pore structure and gating mechanism of K2P channels. <i>EMBO Journal</i> , 2011, 30, 3607-3619.	7.8	162
10	Molecular Simulation Approaches to Membrane Proteins. <i>Structure</i> , 2011, 19, 1562-1572.	3.3	152
11	Lipidbook: A Public Repository for Force-Field Parameters Used in Membrane Simulations. <i>Journal of Membrane Biology</i> , 2010, 236, 255-258.	2.1	145
12	The MemProtMD database: a resource for membrane-embedded protein structures and their lipid interactions. <i>Nucleic Acids Research</i> , 2019, 47, D390-D397.	14.5	143
13	Structural Features of the Glutamate Binding Site in Recombinant NR1/NR2A N-Methyl-d-aspartate Receptors Determined by Site-Directed Mutagenesis and Molecular Modeling. <i>Molecular Pharmacology</i> , 2005, 67, 1470-1484.	2.3	138
14	Structures of the stator complex that drives rotation of the bacterial flagellum. <i>Nature Microbiology</i> , 2020, 5, 1553-1564.	13.3	131
15	PIP ₂ -Binding Site in Kir Channels: Definition by Multiscale Biomolecular Simulations. <i>Biochemistry</i> , 2009, 48, 10926-10933.	2.5	127
16	Structural basis of lipoprotein signal peptidase II action and inhibition by the antibiotic globomycin. <i>Science</i> , 2016, 351, 876-880.	12.6	111
17	The structural basis of lipid scrambling and inactivation in the endoplasmic reticulum scramblase TMEM16K. <i>Nature Communications</i> , 2019, 10, 3956.	12.8	101
18	Drug block of the hERG potassium channel: Insight from modeling. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 68, 568-580.	2.6	100

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19	Convergence and Sampling in Determining Free Energy Landscapes for Membrane Protein Association. <i>Journal of Physical Chemistry B</i> , 2017, 121, 3364-3375.	2.6	93
20	The Structural Basis of ZMPSTE24-Dependent Laminopathies. <i>Science</i> , 2013, 339, 1604-1607.	12.6	89
21	Mechanistic Insight into Human ether-Å-go-go-related Gene (hERG) K ⁺ Channel Deactivation Gating from the Solution Structure of the EAG Domain. <i>Journal of Biological Chemistry</i> , 2011, 286, 6184-6191.	3.4	87
22	New insights into KATP channel gene mutations and neonatal diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2020, 16, 378-393.	9.6	87
23	Drug Binding Interactions in the Inner Cavity of hERG Channels: Molecular Insights from Structure-Activity Relationships of Clofilium and Ibutilide Analogs. <i>Molecular Pharmacology</i> , 2006, 69, 509-519.	2.3	84
24	Functional analysis of missense variants in the TRESK (KCNK18) K ⁺ channel. <i>Scientific Reports</i> , 2012, 2, 237.	3.3	82
25	In Situ Structure of an Intact Lipopolysaccharide-Bound Bacterial Surface Layer. <i>Cell</i> , 2020, 180, 348-358.e15.	28.9	79
26	Multiscale Simulations Reveal Conserved Patterns of Lipid Interactions with Aquaporins. <i>Structure</i> , 2013, 21, 810-819.	3.3	74
27	Lipopolysaccharide is Inserted into the Outer Membrane through An Intramembrane Hole, A Lumen Gate, and the Lateral Opening of LptD. <i>Structure</i> , 2015, 23, 496-504.	3.3	71
28	Insights into Membrane Protein-Lipid Interactions from Free Energy Calculations. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5727-5736.	5.3	70
29	A Specific Two-pore Domain Potassium Channel Blocker Defines the Structure of the TASK-1 Open Pore. <i>Journal of Biological Chemistry</i> , 2011, 286, 13977-13984.	3.4	69
30	PyLipID: A Python Package for Analysis of Protein-Lipid Interactions from Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 1188-1201.	5.3	69
31	Structural Analysis of the G-Box Domain of the Microcephaly Protein CPAP Suggests a Role in Centriole Architecture. <i>Structure</i> , 2013, 21, 2069-2077.	3.3	66
32	Structure and mechanism of bactericidal mammalian perforin-2, an ancient agent of innate immunity. <i>Science Advances</i> , 2020, 6, eaax8286.	10.3	66
33	The pore structure and gating mechanism of K2P channels. <i>EMBO Journal</i> , 2011, 30, 4515-4515.	7.8	65
34	CG2AT2: an Enhanced Fragment-Based Approach for Serial Multi-scale Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 6472-6482.	5.3	64
35	Simulation-Based Prediction of Phosphatidylinositol 4,5-Bisphosphate Binding to an Ion Channel. <i>Biochemistry</i> , 2013, 52, 279-281.	2.5	63
36	Assembling the Tat protein translocase. <i>ELife</i> , 2016, 5, .	6.0	62

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37	Structural basis of proton-coupled potassium transport in the KUP family. <i>Nature Communications</i> , 2020, 11, 626.	12.8	60
38	Biophysical and Computational Studies of Membrane Penetration by the GRP1 Pleckstrin Homology Domain. <i>Structure</i> , 2011, 19, 1338-1346.	3.3	56
39	Structure, substrate recognition and initiation of hyaluronan synthase. <i>Nature</i> , 2022, 604, 195-201.	27.8	53
40	Structural insights into the mechanism of the membrane integral N-acyltransferase step in bacterial lipoprotein synthesis. <i>Nature Communications</i> , 2017, 8, 15952.	12.8	52
41	A heuristic derived from analysis of the ion channel structural proteome permits the rapid identification of hydrophobic gates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13989-13995.	7.1	52
42	Insight into the Mechanism of Inactivation and pH Sensitivity in Potassium Channels from Molecular Dynamics Simulations. <i>Biochemistry</i> , 2008, 47, 7414-7422.	2.5	50
43	Side pockets provide the basis for a new mechanism of Kv channel-specific inhibition. <i>Nature Chemical Biology</i> , 2013, 9, 507-513.	8.0	50
44	A bipartite structural organization defines the SERINC family of HIV-1 restriction factors. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 78-83.	8.2	50
45	Identification and assessment of cardiolipin interactions with <i>E. coli</i> inner membrane proteins. <i>Science Advances</i> , 2021, 7, .	10.3	49
46	Water and hydrophobic gates in ion channels and nanopores. <i>Faraday Discussions</i> , 2018, 209, 231-247.	3.2	48
47	The energetics of protein-lipid interactions as viewed by molecular simulations. <i>Biochemical Society Transactions</i> , 2020, 48, 25-37.	3.4	48
48	Crystal structure of undecaprenyl-pyrophosphate phosphatase and its role in peptidoglycan biosynthesis. <i>Nature Communications</i> , 2018, 9, 1078.	12.8	47
49	Complete structure of the chemosensory array core signalling unit in an <i>E. coli</i> minicell strain. <i>Nature Communications</i> , 2020, 11, 743.	12.8	47
50	Targeting of proteins to the twin-arginine translocation pathway. <i>Molecular Microbiology</i> , 2020, 113, 861-871.	2.5	47
51	A lipid gating mechanism for the channel-forming O antigen ABC transporter. <i>Nature Communications</i> , 2019, 10, 824.	12.8	44
52	Multiple lipid binding sites determine the affinity of PH domains for phosphoinositide-containing membranes. <i>Science Advances</i> , 2020, 6, eaay5736.	10.3	44
53	Dimerization of the EphA1 Receptor Tyrosine Kinase Transmembrane Domain: Insights into the Mechanism of Receptor Activation. <i>Biochemistry</i> , 2014, 53, 6641-6652.	2.5	43
54	A Coarse Grained Model for a Lipid Membrane with Physiological Composition and Leaflet Asymmetry. <i>PLoS ONE</i> , 2015, 10, e0144814.	2.5	43

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55	Molecular mechanisms for drug interactions with hERG that cause long QT syndrome. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2006, 2, 81-94.	3.3	41
56	Dynamics of an LPS translocon induced by substrate and an antimicrobial peptide. <i>Nature Chemical Biology</i> , 2021, 17, 187-195.	8.0	41
57	Activation Gating of hERG Potassium Channels. <i>Journal of Biological Chemistry</i> , 2007, 282, 31972-31981.	3.4	40
58	Balancing Force Field Protein-Lipid Interactions To Capture Transmembrane Helix-Helix Association. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 1706-1715.	5.3	40
59	Mechanism of lipid droplet formation by the yeast Sei1/Ldb16 Seipin complex. <i>Nature Communications</i> , 2021, 12, 5892.	12.8	40
60	Lipid binding attenuates channel closure of the outer membrane protein OmpF. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6691-6696.	7.1	39
61	State-independent intracellular access of quaternary ammonium blockers to the pore of TREK-1. <i>Channels</i> , 2012, 6, 473-478.	2.8	37
62	Structure and Function of the Escherichia coli Tol-Pal Stator Protein TolR. <i>Journal of Biological Chemistry</i> , 2015, 290, 26675-26687.	3.4	35
63	Structure and dynamics of the E. coli chemotaxis core signaling complex by cryo-electron tomography and molecular simulations. <i>Communications Biology</i> , 2020, 3, 24.	4.4	35
64	Structural Determinants for High-Affinity Block of hERG Potassium Channels. <i>Novartis Foundation Symposium</i> , 2008, , 136-154.	1.1	34
65	Interactions of the EphA2 Kinase Domain with PIPs in Membranes: Implications for Receptor Function. <i>Structure</i> , 2018, 26, 1025-1034.e2.	3.3	33
66	A Mass Spectrometry-Based Approach to Distinguish Annular and Specific Lipid Binding to Membrane Proteins. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3523-3528.	13.8	33
67	Structures of monomeric and oligomeric forms of the <i>Toxoplasma gondii</i> perforin-like protein 1. <i>Science Advances</i> , 2018, 4, eaaq0762.	10.3	32
68	Insights into bacterial cell division from a structure of EnvC bound to the FtsX periplasmic domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28355-28365.	7.1	32
69	Ternary structure reveals mechanism of a membrane diacylglycerol kinase. <i>Nature Communications</i> , 2015, 6, 10140.	12.8	30
70	The selectivity, voltage-dependence and acid sensitivity of the tandem pore potassium channel TASK-1: contributions of the pore domains. <i>Pflügers Archiv European Journal of Physiology</i> , 2007, 455, 333-348.	2.8	27
71	The TatC component of the twin-arginine protein translocase functions as an obligate oligomer. <i>Molecular Microbiology</i> , 2015, 98, 111-129.	2.5	27
72	A BEST example of channel structure annotation by molecular simulation. <i>Channels</i> , 2017, 11, 347-353.	2.8	26

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73	Sharing Data from Molecular Simulations. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4093-4099.	5.4	26
74	Structural analysis of <i>P. falciparum</i> KAHRP and PfEMP1 complexes with host erythrocyte spectrin suggests a model for cytoadherent knob protrusions. <i>PLoS Pathogens</i> , 2017, 13, e1006552.	4.7	26
75	The response of the tandem pore potassium channel TASK ₃ (K _{2P} 9.1) to voltage: gating at the cytoplasmic mouth. <i>Journal of Physiology</i> , 2009, 587, 4769-4783.	2.9	25
76	Structural basis of lipopolysaccharide maturation by the O-antigen ligase. <i>Nature</i> , 2022, 604, 371-376.	27.8	25
77	Chapter 12 Molecular Modeling and Simulation Studies of Ion Channel Structures, Dynamics and Mechanisms. <i>Methods in Cell Biology</i> , 2008, 90, 233-265.	1.1	24
78	Substrate-triggered position switching of TatA and TatB during Tat transport in <i>Escherichia coli</i> . <i>Open Biology</i> , 2017, 7, 170091.	3.6	24
79	Conformational dynamics of a G protein-coupled receptor helix 8 in lipid membranes. <i>Science Advances</i> , 2020, 6, eaav8207.	10.3	24
80	Structural basis for substrate specificity and regulation of nucleotide sugar transporters in the lipid bilayer. <i>Nature Communications</i> , 2019, 10, 4657.	12.8	23
81	Evaluating inositol phospholipid interactions with inward rectifier potassium channels and characterising their role in disease. <i>Communications Chemistry</i> , 2020, 3, .	4.5	23
82	Structural biology of Tat protein transport. <i>Current Opinion in Structural Biology</i> , 2014, 27, 32-37.	5.7	22
83	Relative Affinities of Protein-Cholesterol Interactions from Equilibrium Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 6548-6558.	5.3	21
84	The Unconventional Cytoplasmic Sensing Mechanism for Ethanol Chemotaxis in <i>Bacillus subtilis</i> . <i>MBio</i> , 2020, 11, .	4.1	20
85	The molecular basis for an allosteric inhibition of K ⁺ -flux gating in K _{2P} channels. <i>ELife</i> , 2019, 8, .	6.0	20
86	Peptidoglycan biosynthesis is driven by lipid transfer along enzyme-substrate affinity gradients. <i>Nature Communications</i> , 2022, 13, 2278.	12.8	20
87	A conserved tryptophan at the membrane-water interface acts as a gatekeeper for Kir6.2/SUR1 channels and causes neonatal diabetes when mutated. <i>Journal of Physiology</i> , 2011, 589, 3071-3083.	2.9	19
88	Switching Cytolytic Nanopores into Antimicrobial Fractal Ruptures by a Single Side Chain Mutation. <i>ACS Nano</i> , 2021, 15, 9679-9689.	14.6	17
89	Computational studies of membrane proteins: from sequence to structure to simulation. <i>Current Opinion in Structural Biology</i> , 2017, 45, 133-141.	5.7	16
90	Atomistic mechanism of transmembrane helix association. <i>PLoS Computational Biology</i> , 2020, 16, e1007919.	3.2	16

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91	Ion-Blocking Sites of the Kir2.1 Channel Revealed by Multiscale Modeling. <i>Biochemistry</i> , 2009, 48, 8758-8763.	2.5	15
92	Direct Gating of ATP-activated Ion Channels (P2X2 Receptors) by Lipophilic Attachment at the Outer End of the Second Transmembrane Domain. <i>Journal of Biological Chemistry</i> , 2014, 289, 618-626.	3.4	15
93	Interaction of lipids with the neurotensin receptor 1. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1278-1287.	2.6	15
94	Characterizing Membrane Association and Periplasmic Transfer of Bacterial Lipoproteins through Molecular Dynamics Simulations. <i>Structure</i> , 2020, 28, 475-487.e3.	3.3	15
95	Cryo-EM Structures of CusA Reveal a Mechanism of Metal-Ion Export. <i>MBio</i> , 2021, 12, .	4.1	15
96	An outer-pore gate modulates the pharmacology of the TMEM16A channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
97	Calmodulin Regulates Human Ether Å Go-Go 1 (hEAG1) Potassium Channels through Interactions of the Eag Domain with the Cyclic Nucleotide Binding Homology Domain. <i>Journal of Biological Chemistry</i> , 2016, 291, 17907-17918.	3.4	14
98	Simulations of the BM2 Proton Channel Transmembrane Domain from Influenza Virus B. <i>Biochemistry</i> , 2009, 48, 9949-9951.	2.5	13
99	Structural basis of trehalose recognition by the mycobacterial LpqY-SugABC transporter. <i>Journal of Biological Chemistry</i> , 2021, 296, 100307.	3.4	13
100	High-resolution mapping of metal ions reveals principles of surface layer assembly in <i>Caulobacter crescentus</i> cells. <i>Structure</i> , 2022, 30, 215-228.e5.	3.3	12
101	Membrane Binding of Antimicrobial Peptides Is Modulated by Lipid Charge Modification. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 1218-1228.	5.3	10
102	Deciphering ion transport and ATPase coupling in the intersubunit tunnel of KdpFABC. <i>Nature Communications</i> , 2021, 12, 5098.	12.8	10
103	NaViA: a program for the visual analysis of complex mass spectra. <i>Bioinformatics</i> , 2021, 37, 4876-4878.	4.1	9
104	A Bacterial Inflammation Sensor Regulates c-di-GMP Signaling, Adhesion, and Biofilm Formation. <i>MBio</i> , 2021, 12, e0017321.	4.1	9
105	A Leucine Zipper Motif Essential for Gating of Hyperpolarization-activated Channels. <i>Journal of Biological Chemistry</i> , 2012, 287, 40150-40160.	3.4	8
106	The centriolar protein CPAP G-box: an amyloid fibril in a single domain. <i>Biochemical Society Transactions</i> , 2015, 43, 838-843.	3.4	7
107	Interactions of a Bacterial Cu(I)-ATPase with a Complex Lipid Environment. <i>Biochemistry</i> , 2018, 57, 4063-4073.	2.5	6
108	Alternative Architecture of the E. coli Chemosensory Array. <i>Biomolecules</i> , 2021, 11, 495.	4.0	6

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109	From Bench to Biomolecular Simulation: Phospholipid Modulation of Potassium Channels. <i>Journal of Molecular Biology</i> , 2021, 433, 167105.	4.2	4
110	Conformational dynamics of the membrane enzyme LspA upon antibiotic and substrate binding. <i>Biophysical Journal</i> , 2022, 121, 2078-2083.	0.5	4
111	MemProtMD: Membrane Protein Structures and Simulations. <i>Biophysical Journal</i> , 2014, 106, 634a.	0.5	2
112	A Mass Spectrometry-Based Approach to Distinguish Annular and Specific Lipid Binding to Membrane Proteins. <i>Angewandte Chemie</i> , 2020, 132, 3551-3556.	2.0	2
113	Identification and Characterization of Specific Protein-Lipid Interactions Using Molecular Simulation. <i>Methods in Molecular Biology</i> , 2021, 2315, 121-139.	0.9	2
114	Mechanistic Insight into hERG Channel Deactivation Gating from the Solution Structure of the eag Domain. <i>Biophysical Journal</i> , 2011, 100, 425a.	0.5	1
115	Towards Dynamic Pharmacophore Models by Coarse Grained Molecular Dynamics. <i>Biophysical Journal</i> , 2018, 114, 558a.	0.5	1
116	A Newly Available Tool for Functional Annotation of Ion Channel Structures Based on Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2018, 114, 134a.	0.5	1
117	Homology Models Applied to Toxicology. , 0, , 433-468.		0
118	Investigating the PIP2 Binding Site in Kir Channels Via Multi-Scale Biomolecular Simulations. <i>Biophysical Journal</i> , 2010, 98, 698a.	0.5	0
119	Multiscale Simulations of Lipid Interactions with Integral Membrane Proteins: Aquaporins. <i>Biophysical Journal</i> , 2011, 100, 204a.	0.5	0
120	PIP2-Binding to an Open State Model of Kir1.1 Probed by Multiscale Biomolecular Simulations. <i>Biophysical Journal</i> , 2011, 100, 431a.	0.5	0
121	Biomolecular Simulations of Kir Channel Gating and Membrane Phospholipid Interactions. <i>Biophysical Journal</i> , 2011, 100, 431a.	0.5	0
122	Functional Analysis of Mutations in the TRESK K2P Potassium Channel Associated with ϵ -migraine with Aura TM . <i>Biophysical Journal</i> , 2011, 100, 279a.	0.5	0
123	Multiscale Simulations of Signalling at Membranes. <i>Biophysical Journal</i> , 2012, 102, 7a.	0.5	0
124	A Coarse Grain Model for a Lipid Membrane with Physiological Composition and Leaflet Asymmetry. <i>Biophysical Journal</i> , 2012, 102, 172a.	0.5	0
125	Memprotmd: Adding the Grease to Membrane Protein Structures. <i>Biophysical Journal</i> , 2012, 102, 469a.	0.5	0
126	Memprotmd: Restoring Membrane Protein Structures to their Bilayer Environments. <i>Biophysical Journal</i> , 2013, 104, 384a.	0.5	0

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127	Deciphering Metastable EphA1 Transmembrane Helices Association using PMF Calculations and Multiscale Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2013, 104, 117a.	0.5	0
128	Dynamics of Transition Metal Transporting P-Type ATPases in Native Membranes. <i>Biophysical Journal</i> , 2014, 106, 100a.	0.5	0
129	Memprotmd: Protein-Lipid Interactions of Phospholipid Biosynthetic Enzymes and Development of the Web Database. <i>Biophysical Journal</i> , 2016, 110, 572a.	0.5	0
130	Towards Dynamic Pharmacophore Models by Coarse Grain Molecular Dynamics. <i>Biophysical Journal</i> , 2017, 112, 448a.	0.5	0
131	Molecular Simulations of Bacterial Lipoprotein Biogenesis. <i>Biophysical Journal</i> , 2017, 112, 65a.	0.5	0
132	Coupling Form and Function: How the Oligomerisation Symmetry of the SAS-6 Protein Contributes to the Architecture of Centriole Organelles. <i>Symmetry</i> , 2017, 9, 74.	2.2	0
133	Mechanism of Assembly of a Transmembrane Helix Dimer from All-Atom Simulation. <i>Biophysical Journal</i> , 2018, 114, 244a-245a.	0.5	0
134	Functional Annotation of Ion Channel Structures: Predicting Pore Solvation States Based on Local Radius and Hydrophobicity. <i>Biophysical Journal</i> , 2019, 116, 241a.	0.5	0
135	Investigating Protein-Lipid Interactions of MthK and Native Bacterial Membrane Lipids. <i>Biophysical Journal</i> , 2020, 118, 554a.	0.5	0
136	Molecular Mechanism of Modulation of the TMEM16A Channel by Anthracene-9-Carboxylic Acid: Implications for Channel Gating. <i>Biophysical Journal</i> , 2020, 118, 325a.	0.5	0
137	Greasing the Gears of Mechanosensitive Piezo Channels with Phosphoinositides and Cholesterol. <i>Biophysical Journal</i> , 2020, 119, 1467-1469.	0.5	0
138	Cationic Antimicrobial Peptides have Reduced Binding to MprF-Modified Membranes. <i>Biophysical Journal</i> , 2020, 118, 237a.	0.5	0
139	Conformational Dynamics of the Membrane Enzyme LspA using EPR and MD. <i>Biophysical Journal</i> , 2020, 118, 178a.	0.5	0
140	Investigating the Conformational Dynamics of the Outer Membrane LPS Translocon LptDE. <i>Biophysical Journal</i> , 2020, 118, 26a.	0.5	0
141	Structural Understanding of Ion Channels in Atomic Detail. <i>RSC Drug Discovery Series</i> , 2014, , 56-82.	0.3	0
142	Structural, Functional and Computational Studies of Membrane Recognition by Plasmodium Perforin-Like Proteins 1 and 2. <i>Journal of Molecular Biology</i> , 2022, 434, 167642.	4.2	0