

Stephen H White

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1696513/publications.pdf>

Version: 2024-02-01

154
papers

21,099
citations

15495

65
h-index

9579

142
g-index

181
all docs

181
docs citations

181
times ranked

14930
citing authors

#	ARTICLE	IF	CITATIONS
1	MEMBRANE PROTEIN FOLDING AND STABILITY: Physical Principles. Annual Review of Biophysics and Biomolecular Structure, 1999, 28, 319-365.	18.3	1,595
2	Experimentally determined hydrophobicity scale for proteins at membrane interfaces. Nature Structural and Molecular Biology, 1996, 3, 842-848.	3.6	1,525
3	A comprehensive classification system for lipids. Journal of Lipid Research, 2005, 46, 839-861.	2.0	1,348
4	The Preference of Tryptophan for Membrane Interfaces. Biochemistry, 1998, 37, 14713-14718.	1.2	899
5	Recognition of transmembrane helices by the endoplasmic reticulum translocon. Nature, 2005, 433, 377-381.	13.7	888
6	Structure of a fluid dioleoylphosphatidylcholine bilayer determined by joint refinement of x-ray and neutron diffraction data. III. Complete structure. Biophysical Journal, 1992, 61, 434-447.	0.2	644
7	Molecular code for transmembrane-helix recognition by the Sec61 translocon. Nature, 2007, 450, 1026-1030.	13.7	644
8	Solvation Energies of Amino Acid Side Chains and Backbone in a Family of Host-Guest Pentapeptides. Biochemistry, 1996, 35, 5109-5124.	1.2	534
9	Hydrophobic interactions of peptides with membrane interfaces. BBA - Biomembranes, 1998, 1376, 339-352.	7.9	482
10	The nature of the hydrophobic binding of small peptides at the bilayer interface: implications for the insertion of transbilayer helices. Biochemistry, 1989, 28, 3421-3437.	1.2	480
11	How to Measure and Analyze Tryptophan Fluorescence in Membranes Properly, and Why Bother?. Analytical Biochemistry, 2000, 285, 235-245.	1.1	415
12	Structure, function, and membrane integration of defensins. Current Opinion in Structural Biology, 1995, 5, 521-527.	2.6	392
13	Interactions between human defensins and lipid bilayers: Evidence for formation of multimeric pores. Protein Science, 1994, 3, 1362-1373.	3.1	349
14	Structure of lamellar lipid domains and corneocyte envelopes of murine stratum corneum. An x-ray diffraction study. Biochemistry, 1988, 27, 3725-3732.	1.2	347
15	Folding of amphipathic α -helices on membranes: energetics of helix formation by melittin 1 Edited by D. Rees. Journal of Molecular Biology, 1999, 285, 1363-1369.	2.0	309
16	Mechanisms of Integral Membrane Protein Insertion and Folding. Journal of Molecular Biology, 2015, 427, 999-1022.	2.0	292
17	Membrane Structures in Normal and Essential Fatty Acid-Deficient Stratum Corneum: Characterization by Ruthenium Tetroxide Staining and X-Ray Diffraction. Journal of Investigative Dermatology, 1991, 96, 215-223.	0.3	284
18	How Membranes Shape Protein Structure. Journal of Biological Chemistry, 2001, 276, 32395-32398.	1.6	273

#	ARTICLE	IF	CITATIONS
19	The progress of membrane protein structure determination. <i>Protein Science</i> , 2004, 13, 1948-1949.	3.1	272
20	Structure, Location, and Lipid Perturbations of Melittin at the Membrane Interface. <i>Biophysical Journal</i> , 2001, 80, 801-811.	0.2	264
21	Biophysical dissection of membrane proteins. <i>Nature</i> , 2009, 459, 344-346.	13.7	250
22	MPEX: A tool for exploring membrane proteins. <i>Protein Science</i> , 2009, 18, 2624-2628.	3.1	238
23	[4] Protein folding in membranes: Determining energetics of peptide-bilayer interactions. <i>Methods in Enzymology</i> , 1998, 295, 62-87.	0.4	233
24	Energetics, stability, and prediction of transmembrane helices ¹ Edited by G. von Heijne. <i>Journal of Molecular Biology</i> , 2001, 312, 927-934.	2.0	229
25	â€Detergent-likeâ€™ permeabilization of anionic lipid vesicles by melittin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1514, 253-260.	1.4	217
26	Membrane partitioning: Distinguishing bilayer effects from the hydrophobic effect. <i>Biochemistry</i> , 1993, 32, 6307-6312.	1.2	209
27	Interface connections of a transmembrane voltage sensor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15059-15064.	3.3	208
28	An amphipathic Î±-helix at a membrane interface: a structural study using a novel X-ray diffraction method ¹ Edited by D. C. Rees. <i>Journal of Molecular Biology</i> , 1999, 290, 99-117.	2.0	196
29	Folding of Î²-sheet membrane proteins: a hydrophobic hexapeptide model. <i>Journal of Molecular Biology</i> , 1998, 277, 1091-1110.	2.0	195
30	Peptides in lipid bilayers: structural and thermodynamic basis for partitioning and folding. <i>Current Opinion in Structural Biology</i> , 1994, 4, 79-86.	2.6	182
31	How Translocons Select Transmembrane Helices. <i>Annual Review of Biophysics</i> , 2008, 37, 23-42.	4.5	176
32	Structure and hydration of membranes embedded with voltage-sensing domains. <i>Nature</i> , 2009, 462, 473-479.	13.7	175
33	Membrane Insertion of a Potassium-Channel Voltage Sensor. <i>Science</i> , 2005, 307, 1427-1427.	6.0	171
34	MPtopo: A database of membrane protein topology. <i>Protein Science</i> , 2001, 10, 455-458.	3.1	163
35	Experimental Validation of Molecular Dynamics Simulations of Lipid Bilayers: A New Approach. <i>Biophysical Journal</i> , 2005, 88, 805-817.	0.2	161
36	Determination of the Hydrocarbon Core Structure of Fluid Dioleoylphosphocholine (DOPC) Bilayers by X-Ray Diffraction Using Specific Bromination of the Double-Bonds: Effect of Hydration. <i>Biophysical Journal</i> , 1998, 74, 2419-2433.	0.2	159

#	ARTICLE	IF	CITATIONS
37	Bilayer Interactions of Indolicidin, a Small Antimicrobial Peptide Rich in Tryptophan, Proline, and Basic Amino Acids. <i>Biophysical Journal</i> , 1997, 72, 794-805.	0.2	157
38	Folding Amphipathic Helices Into Membranes: Amphiphilicity Trumps Hydrophobicity. <i>Journal of Molecular Biology</i> , 2007, 370, 459-470.	2.0	149
39	Location of hexane in lipid bilayers determined by neutron diffraction. <i>Nature</i> , 1981, 290, 161-163.	13.7	143
40	A Study of Lipid Bilayer Membrane Stability Using Precise Measurements of Specific Capacitance. <i>Biophysical Journal</i> , 1970, 10, 1127-1148.	0.2	140
41	Designing Transmembrane α -Helices That Insert Spontaneously. <i>Biochemistry</i> , 2000, 39, 4432-4442.	1.2	137
42	Critical Role of Lipid Composition in Membrane Permeabilization by Rabbit Neutrophil Defensins. <i>Journal of Biological Chemistry</i> , 1997, 272, 24224-24233.	1.6	135
43	CD Spectra of Indolicidin Antimicrobial Peptides Suggest Turns, Not Polyproline Helix. <i>Biochemistry</i> , 1999, 38, 12313-12319.	1.2	134
44	AND/R: Advanced neutron diffractometer/reflectometer for investigation of thin films and multilayers for the life sciences. <i>Review of Scientific Instruments</i> , 2006, 77, 074301.	0.6	131
45	Capacitance, area, and thickness variations in thin lipid films. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 323, 7-22.	1.4	130
46	Transmembrane helices before, during, and after insertion. <i>Current Opinion in Structural Biology</i> , 2005, 15, 378-386.	2.6	122
47	The machinery of membrane protein assembly. <i>Current Opinion in Structural Biology</i> , 2004, 14, 397-404.	2.6	121
48	Protein Chemistry at Membrane Interfaces: Non-additivity of Electrostatic and Hydrophobic Interactions. <i>Journal of Molecular Biology</i> , 2001, 309, 543-552.	2.0	112
49	Analysis of the Torus Surrounding Planar Lipid Bilayer Membranes. <i>Biophysical Journal</i> , 1972, 12, 432-445.	0.2	106
50	Arginine in Membranes: The Connection Between Molecular Dynamics Simulations and Translocon-Mediated Insertion Experiments. <i>Journal of Membrane Biology</i> , 2011, 239, 35-48.	1.0	104
51	Rhomboid Protease Dynamics and Lipid Interactions. <i>Structure</i> , 2009, 17, 395-405.	1.6	101
52	Copper-transporting P-type ATPases use a unique ion-release pathway. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 43-48.	3.6	98
53	A comprehensive classification system for lipids. <i>European Journal of Lipid Science and Technology</i> , 2005, 107, 337-364.	1.0	94
54	In Silico Partitioning and Transmembrane Insertion of Hydrophobic Peptides under Equilibrium Conditions. <i>Journal of the American Chemical Society</i> , 2011, 133, 15487-15495.	6.6	92

#	ARTICLE	IF	CITATIONS
55	Interfacial Folding and Membrane Insertion of a Designed Helical Peptide. <i>Biochemistry</i> , 2004, 43, 5782-5791.	1.2	91
56	Spontaneous transmembrane helix insertion thermodynamically mimics translocon-guided insertion. <i>Nature Communications</i> , 2014, 5, 4863.	5.8	91
57	A Voltage-Sensor Water Pore. <i>Biophysical Journal</i> , 2006, 91, L90-L92.	0.2	89
58	Interactions of Monomeric Rabbit Neutrophil Defensins with Bilayers: A Comparison with Dimeric Human Defensin HNP-2. <i>Biochemistry</i> , 1996, 35, 11888-11894.	1.2	88
59	Appreciation. Jane S. Richardson. <i>Biophysical Journal</i> , 1992, 63, 1185.	0.2	81
60	Determining the Membrane Topology of Peptides by Fluorescence Quenching. <i>Biochemistry</i> , 2000, 39, 161-170.	1.2	80
61	Hydration of POPC bilayers studied by 1H-PFG-MAS-NOESY and neutron diffraction. <i>European Biophysics Journal</i> , 2007, 36, 281-291.	1.2	80
62	Insertion of short transmembrane helices by the Sec61 translocon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11588-11593.	3.3	76
63	Transbilayer distribution of bromine in fluid bilayers containing a specifically brominated analog of dioleoylphosphatidylcholine. <i>Biochemistry</i> , 1991, 30, 6997-7008.	1.2	72
64	CD Spectroscopy of Peptides and Proteins Bound to Large Unilamellar Vesicles. <i>Journal of Membrane Biology</i> , 2010, 236, 247-253.	1.0	72
65	Acyl-Chain Methyl Distributions of Liquid-Ordered and -Disordered Membranes. <i>Biophysical Journal</i> , 2011, 100, 1455-1462.	0.2	70
66	Molecular code for protein insertion in the endoplasmic reticulum membrane is similar for N ⁱⁿ and N ^{out} and N ^{out} and N ⁱⁿ transmembrane helices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15702-15707.	3.3	69
67	Hydrogen bond dynamics in membrane protein function. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 942-950.	1.4	69
68	Water wires in atomistic models of the Hv1 proton channel. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 286-293.	1.4	67
69	Asn- and Asp-mediated interactions between transmembrane helices during translocon-mediated membrane protein assembly. <i>EMBO Reports</i> , 2006, 7, 1111-1116.	2.0	65
70	Membrane Protein Insertion: The Biology-Physics Nexus. <i>Journal of General Physiology</i> , 2007, 129, 363-369.	0.9	63
71	Aggregation Behavior of an Ultra-Pure Lipopolysaccharide that Stimulates TLR-4 Receptors. <i>Biophysical Journal</i> , 2008, 95, 986-993.	0.2	61
72	Mixtures of a series of homologous hydrophobic peptides with lipid bilayers: a simple model system for examining the protein-lipid interface. <i>Biochemistry</i> , 1986, 25, 2605-2612.	1.2	59

#	ARTICLE	IF	CITATIONS
73	Membrane Partitioning: "Classical" and "Nonclassical" Hydrophobic Effects. <i>Journal of Membrane Biology</i> , 2011, 239, 5-14.	1.0	57
74	[23] Mechanism of leakage of contents of membrane vesicles determined by fluorescence reequenching. <i>Methods in Enzymology</i> , 1997, 278, 474-486.	0.4	56
75	Hexane dissolved in dioleoyllecithin bilayers has a partial molar volume of approximately zero. <i>Biochemistry</i> , 1985, 24, 4637-4645.	1.2	55
76	Reversible Refolding of the Diphtheria Toxin T-Domain on Lipid Membranes. <i>Biochemistry</i> , 2004, 43, 7451-7458.	1.2	54
77	The lipid bilayer as a "solvent"™ for small hydrophobic molecules. <i>Nature</i> , 1976, 262, 421-422.	13.7	53
78	Self-Induced Docking Site of a Deeply Embedded Peripheral Membrane Protein. <i>Biophysical Journal</i> , 2007, 92, 517-524.	0.2	53
79	Proton-Coupled Dynamics in Lactose Permease. <i>Structure</i> , 2012, 20, 1893-1904.	1.6	53
80	Translocons, thermodynamics, and the folding of membrane proteins. <i>FEBS Letters</i> , 2003, 555, 116-121.	1.3	52
81	Apolar surface area determines the efficiency of translocon-mediated membrane-protein integration into the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E359-E364.	3.3	52
82	Structural interactions of a voltage sensor toxin with lipid membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5463-70.	3.3	52
83	Temperature-dependent structural changes in planar bilayer membranes: Solvent "freeze-out". <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 356, 8-16.	1.4	51
84	Partitioning of tryptophan side-chain analogs between water and cyclohexane. <i>Biochemistry</i> , 1992, 31, 12813-12818.	1.2	51
85	Amino acid preferences of small proteins. <i>Journal of Molecular Biology</i> , 1992, 227, 991-995.	2.0	51
86	Hydrogen-bond energetics drive helix formation in membrane interfaces. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 178-182.	1.4	50
87	YidC Insertase of <i>Escherichia coli</i> : Water Accessibility and Membrane Shaping. <i>Structure</i> , 2017, 25, 1403-1414.e3.	1.6	50
88	Investigation of Finite System-Size Effects in Molecular Dynamics Simulations of Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 24157-24164.	1.2	48
89	Conformational States of Melittin at a Bilayer Interface. <i>Biophysical Journal</i> , 2013, 104, L12-L14.	0.2	48
90	The evolution of proteins from random amino acid sequences. I. Evidence from the lengthwise distribution of amino acids in modern protein sequences. <i>Journal of Molecular Evolution</i> , 1993, 36, 79-95.	0.8	47

#	ARTICLE	IF	CITATIONS
91	An Experiment-Based Algorithm for Predicting the Partitioning of Unfolded Peptides into Phosphatidylcholine Bilayer Interfaces. <i>Biochemistry</i> , 2005, 44, 12614-12619.	1.2	47
92	Dynamics of SecY Translocons with Translocation-Defective Mutations. <i>Structure</i> , 2010, 18, 847-857.	1.6	47
93	Determining the Membrane Topology of Proteins: Insertion Pathway of a Transmembrane Helix of Annexin 12. <i>Biochemistry</i> , 2002, 41, 13617-13626.	1.2	44
94	The Physical Nature of Planar Bilayer Membranes. , 1986, , 3-35.		44
95	pH Dependence of Sphingosine Aggregation. <i>Biophysical Journal</i> , 2009, 96, 2727-2733.	0.2	43
96	The surface charge and double layers of thin lipid films formed from neutral lipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 323, 343-350.	1.4	41
97	How Hydrogen Bonds Shape Membrane Protein Structure. <i>Advances in Protein Chemistry</i> , 2005, 72, 157-172.	4.4	41
98	Anomalous behavior of water inside the SecY translocon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9016-9021.	3.3	41
99	Selective approach to use of upper gastroesophageal imaging study after laparoscopic Roux-en-Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , 2008, 4, 122-125.	1.0	36
100	Lipid bilayer perturbations induced by simple hydrophobic peptides. <i>Biochemistry</i> , 1987, 26, 6127-6134.	1.2	35
101	Formation and Characterization of a Single Trp-Trp Cross-link in Indolicidin That Confers Protease Stability without Altering Antimicrobial Activity. <i>Journal of Biological Chemistry</i> , 2000, 275, 12017-12022.	1.6	34
102	Structure and Dynamics of Cholesterol-Containing Polyunsaturated Lipid Membranes Studied by Neutron Diffraction and NMR. <i>Journal of Membrane Biology</i> , 2011, 239, 63-71.	1.0	34
103	Observations concerning topology and locations of helix ends of membrane proteins of known structure. <i>Journal of Membrane Biology</i> , 1990, 115, 145-158.	1.0	33
104	Reversible Unfolding of β -Sheets in Membranes: A Calorimetric Study. <i>Journal of Molecular Biology</i> , 2004, 342, 703-711.	2.0	33
105	Down-State Model of the Voltage-Sensing Domain of a Potassium Channel. <i>Biophysical Journal</i> , 2010, 98, 2857-2866.	0.2	33
106	Charge Composition Features of Model Single-span Membrane Proteins That Determine Selection of YidC and SecYEG Translocase Pathways in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 7704-7716.	1.6	32
107	Behavior of hexane dissolved in dimyristoylphosphatidylcholine bilayers: an NMR and calorimetric study. <i>Journal of the American Chemical Society</i> , 1984, 106, 915-920.	6.6	30
108	Ser/Thr Motifs in Transmembrane Proteins: Conservation Patterns and Effects on Local Protein Structure and Dynamics. <i>Journal of Membrane Biology</i> , 2012, 245, 717-730.	1.0	30

#	ARTICLE	IF	CITATIONS
109	Interleaflet mixing and coupling in liquid-disordered phospholipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 354-362.	1.4	29
110	Preparation of multilamellar vesicles of defined size-distribution by solvent-spherule evaporation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 812, 793-801.	1.4	28
111	Assembly and stability of α -helical membrane proteins. <i>Soft Matter</i> , 2012, 8, 7742.	1.2	28
112	Microscopic Origin of Gating Current Fluctuations in a Potassium Channel Voltage Sensor. <i>Biophysical Journal</i> , 2012, 102, L44-L46.	0.2	28
113	SecA Drives Transmembrane Insertion of RodZ, an Unusual Single-Span Membrane Protein. <i>Journal of Molecular Biology</i> , 2015, 427, 1023-1037.	2.0	28
114	The evolution of proteins from random amino acid sequences: II. Evidence from the statistical distributions of the lengths of modern protein sequences. <i>Journal of Molecular Evolution</i> , 1994, 38, 383-394.	0.8	24
115	The Liquid-Crystallographic Structure of Fluid Lipid Bilayer Membranes. , 1996, , 127-144.		23
116	Topology, Dimerization, and Stability of the Single-Span Membrane Protein CadC. <i>Journal of Molecular Biology</i> , 2014, 426, 2942-2957.	2.0	22
117	Computed Free Energies of Peptide Insertion into Bilayers are Independent of Computational Method. <i>Journal of Membrane Biology</i> , 2018, 251, 345-356.	1.0	22
118	Transmembrane helices containing a charged arginine are thermodynamically stable. <i>European Biophysics Journal</i> , 2017, 46, 627-637.	1.2	21
119	Alphas and Taus of Tryptophan Fluorescence in Membranes. <i>Biophysical Journal</i> , 2001, 81, 1825-1827.	0.2	20
120	Behavior of hexane dissolved in dioleoylphosphatidylcholine bilayers: an NMR and calorimetric study. <i>Journal of the American Chemical Society</i> , 1984, 106, 6909-6912.	6.6	18
121	A Novel Fluorescent Probe That Senses the Physical State of Lipid Bilayers. <i>Biophysical Journal</i> , 2009, 96, 4631-4641.	0.2	18
122	Structural Dynamics of the S4 Voltage-Sensor Helix in Lipid Bilayers Lacking Phosphate Groups. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8732-8738.	1.2	18
123	Coupling between the voltage-sensing and pore domains in a voltage-gated potassium channel. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1726-1736.	1.4	18
124	Diffraction-Based Density Restraints for Membrane and Membrane-Peptide Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2006, 91, 3617-3629.	0.2	17
125	Linear optimization of predictors for secondary structure. <i>Journal of Molecular Biology</i> , 1989, 210, 195-209.	2.0	16
126	Hydropathy Plots and the Prediction of Membrane Protein Topology. , 1994, , 97-124.		16

#	ARTICLE	IF	CITATIONS
127	Structural Relaxation Processes and Collective Dynamics of Water in Biomolecular Environments. <i>Journal of Physical Chemistry B</i> , 2019, 123, 480-486.	1.2	14
128	High precision capacitance bridge for studying lipid bilayer membranes. <i>Review of Scientific Instruments</i> , 1975, 46, 1462-1466.	0.6	13
129	The importance of the membrane interface as the reference state for membrane protein stability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2539-2548.	1.4	13
130	Rhomboid intramembrane protease structures galore!. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 1049-1051.	3.6	12
131	Galactoside-Binding Site in LacY. <i>Biochemistry</i> , 2014, 53, 1536-1543.	1.2	11
132	The SecA ATPase motor protein binds to Escherichia coli liposomes only as monomers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183358.	1.4	10
133	A hydrophilic microenvironment in the substrate-translocating groove of the YidC membrane insertase is essential for enzyme function. <i>Journal of Biological Chemistry</i> , 2022, 298, 101690.	1.6	9
134	Binding of SecA ATPase monomers and dimers to lipid vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183112.	1.4	8
135	Stabilization of SecA ATPase by the primary cytoplasmic salt of <i>Escherichia coli</i> . <i>Protein Science</i> , 2019, 28, 984-989.	3.1	7
136	Orientational Waves in Cell Membranes. <i>Molecular Crystals and Liquid Crystals</i> , 1982, 88, 127-135.	0.9	6
137	Membrane proteins Structure, assembly, and function: a panoply of progress. <i>Current Opinion in Structural Biology</i> , 1997, 7, 533-536.	2.6	6
138	Topology of the SecA ATPase Bound to Large Unilamellar Vesicles. <i>Journal of Molecular Biology</i> , 2022, 434, 167607.	2.0	6
139	The buffer value and transmembrane potential of escherichia coli. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 255, 780-785.	1.4	5
140	Partitioning of tryptophan side-chain analogs between water and cyclohexane. [Erratum to document cited in CA118(1):7358m]. <i>Biochemistry</i> , 1993, 32, 9262-9262.	1.2	5
141	Crowds of Syntaxins. <i>Science</i> , 2007, 317, 1045-1046.	6.0	5
142	Determination of the Structure of Fluid Lipid Bilayer Membranes. , 2017, , 1-19.		3
143	Dropping Out and Other Fates of Transmembrane Segments Inserted by the SecA ATPase. <i>Journal of Molecular Biology</i> , 2019, 431, 2006-2019.	2.0	2
144	Peptides in Lipid Bilayers: Determination of Location by Absolute-Scale X-ray Refinement. , 2001, , 189-206.		2

#	ARTICLE	IF	CITATIONS
145	The messy process of guiding proteins into membranes. <i>ELife</i> , 2015, 4, .	2.8	2
146	Membrane proteins “pumping along. <i>Current Opinion in Structural Biology</i> , 2005, 15, 375-377.	2.6	1
147	Lipid Bilayers, Translocons and the Shaping of Polypeptide Structure. , 2006, , 1-25.		1
148	Solubility of Volatile Hydrocarbons in Lipid Bilayers. , 1986, , 279-295.		1
149	<i>Protein science</i> and the age of information. <i>Protein Science</i> , 1993, 2, 303-304.	3.1	0
150	Electronic publishing: <i>Protein science</i> at the edge of a revolution. <i>Protein Science</i> , 1994, 3, 1899-1900.	3.1	0
151	Membrane proteins “pumping along [Current Opinion in Structural Biology 2005, 15:375-377]. <i>Current Opinion in Structural Biology</i> , 2006, 16, 137.	2.6	0
152	Microscopic Origin of Gating Current Fluctuations in a Potassium Channel Voltage Sensor. <i>Biophysical Journal</i> , 2012, 102, 686a.	0.2	0
153	Translocon-Assisted Folding of Membrane Proteins: New Insights into Lipid-Protein Interactions. <i>FASEB Journal</i> , 2007, 21, A208.	0.2	0
154	Membrane Protein Insertion: The Biology-Physics Nexus. <i>Journal of Cell Biology</i> , 2007, 177, i11-i11.	2.3	0