

# Charles R Sanders

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134  
papers

5,710  
citations

37  
h-index

73  
g-index

147  
ext. papers

6,561  
ext. citations

6.8  
avg, IF

5.81  
L-index

#	Paper	IF	Citations
134	High-Content Imaging Platform to Discover Chemical Modulators of Plasma Membrane Rafts.. <i>ACS Central Science</i> , <b>2022</b> , 8, 370-378	16.8	1
133	Verteporfin is a Substrate-Selective $\beta$ Secretase Inhibitor that Binds the Amyloid Precursor Protein Transmembrane Domain.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101792	5.4	1
132	Predicting the functional impact of KCNQ1 variants with artificial neural networks.. <i>PLoS Computational Biology</i> , <b>2022</b> , 18, e1010038	5	0
131	Investigating Structural Dynamics of KCNE3 in Different Membrane Environments Using Molecular Dynamics Simulations. <i>Membranes</i> , <b>2022</b> , 12, 469	3.8	0
130	A Model for the Signal Initiation Complex Between Arrestin-3 and the Src Family Kinase Fgr.. <i>Journal of Molecular Biology</i> , <b>2021</b> , 434, 167400	6.5	1
129	Ion mobility-mass spectrometry reveals the role of peripheral myelin protein dimers in peripheral neuropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
128	Structural determinants of cholesterol recognition in helical integral membrane proteins. <i>Biophysical Journal</i> , <b>2021</b> , 120, 1592-1604	2.9	3
127	Letter to the Editor: Distanced Inspiration from the Career of Stephen H. White. <i>Journal of Membrane Biology</i> , <b>2021</b> , 254, 1-3	2.3	
126	Disease-linked supertrafficking of a potassium channel. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100423-4	3.4	2
125	The C99 domain of the amyloid precursor protein resides in the disordered membrane phase. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100652	5.4	2
124	Disruption of the integrin-linked kinase (ILK) pseudokinase domain affects kidney development in mice. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100361	5.4	1
123	Recombinant SARS-CoV-2 envelope protein traffics to the trans-Golgi network following amphipol-mediated delivery into human cells. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 100940	5.4	3
122	Compendium of causative genes and their encoded proteins for common monogenic disorders. <i>Protein Science</i> , <b>2021</b> ,	6.3	2
121	The transmembrane amyloid precursor C99 protein exhibits non-specific interaction with tau. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 576, 48-52	3.4	0
120	Glycosylation limits forward trafficking of the tetraspan membrane protein PMP22. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100719	5.4	1
119	Structures illuminate Cardiac Ion Channel Functions in Health and in Long QT Syndrome. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 550	5.6	11
118	Peripheral myelin protein 22 preferentially partitions into ordered phase membrane domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 14168-14177	11.5	16

117	Bicelles Rich in both Sphingolipids and Cholesterol and Their Use in Studies of Membrane Proteins. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 12715-12729	16.4	10
116	Structure and physiological function of the human KCNQ1 channel voltage sensor intermediate state. <i>ELife</i> , <b>2020</b> , 9,	8.9	15
115	Allosteric mechanism for KCNE1 modulation of KCNQ1 potassium channel activation. <i>ELife</i> , <b>2020</b> , 9,	8.9	5
114	Collision-Induced Unfolding Differentiates Functional Variants of the KCNQ1 Voltage Sensor Domain. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 2348-2355	3.5	4
113	Direct relationship between increased expression and mistrafficking of the Charcot-Marie-Tooth-associated protein PMP22. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 11963-11970	5.4	5
112	Genetic intolerance analysis as a tool for protein science. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2020</b> , 1862, 183058	3.8	3
111	Peripheral myelin protein 22 modulates store-operated calcium channel activity, providing insights into Charcot-Marie-Tooth disease etiology. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 12054-12065	5.4	9
110	A unified structural model of the mammalian translocator protein (TSPO). <i>Journal of Biomolecular NMR</i> , <b>2019</b> , 73, 347-364	3	8
109	The vexing complexity of the amyloidogenic pathway. <i>Protein Science</i> , <b>2019</b> , 28, 1177-1193	6.3	13
108	Reciprocal modulation between amyloid precursor protein and synaptic membrane cholesterol revealed by live cell imaging. <i>Neurobiology of Disease</i> , <b>2019</b> , 127, 449-461	7.5	11
107	Protein structure aids predicting functional perturbation of missense variants in and. <i>Computational and Structural Biotechnology Journal</i> , <b>2019</b> , 17, 206-214	6.8	10
106	Life During Wartime: A Personal Recollection of the Circa 1990 Prestegard Lab and Its Contributions to Membrane Biophysics. <i>Journal of Membrane Biology</i> , <b>2019</b> , 252, 541-548	2.3	1
105	Upgraded molecular models of the human KCNQ1 potassium channel. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220415	3.7	13
104	NMR resonance assignments and secondary structure of a mutant form of the human KCNE1 channel accessory protein that exhibits KCNE3-like function. <i>Biomolecular NMR Assignments</i> , <b>2019</b> , 13, 143-147	0.7	0
103	Folding and Misfolding of Human Membrane Proteins in Health and Disease: From Single Molecules to Cellular Proteostasis. <i>Chemical Reviews</i> , <b>2019</b> , 119, 5537-5606	68.1	93
102	Probing the Dynamics and Structural Topology of the Reconstituted Human KCNQ1 Voltage Sensor Domain (Q1-VSD) in Lipid Bilayers Using Electron Paramagnetic Resonance Spectroscopy. <i>Biochemistry</i> , <b>2019</b> , 58, 965-973	3.2	8
101	Bexarotene Binds to the Amyloid Precursor Protein Transmembrane Domain, Alters Its $\beta$ -Helical Conformation, and Inhibits $\beta$ -Secretase Nonselectively in Liposomes. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 1702-1713	5.7	8
100	Mechanisms of KCNQ1 channel dysfunction in long QT syndrome involving voltage sensor domain mutations. <i>Science Advances</i> , <b>2018</b> , 4, eaar2631	14.3	37

99	Membrane properties that shape the evolution of membrane enzymes. <i>Current Opinion in Structural Biology</i> , <b>2018</b> , 51, 80-91	8.1	12
98	De novo designed transmembrane peptides activating the $\beta_1$ integrin. <i>Protein Engineering, Design and Selection</i> , <b>2018</b> , 31, 181-190	1.9	8
97	High-Throughput Functional Evaluation of KCNQ1 Decrypts Variants of Unknown Significance. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e002345	5.2	40
96	LCP1 preferentially binds clasped $\alpha_5$ integrin and attenuates leukocyte adhesion under flow. <i>Journal of Cell Science</i> , <b>2018</b> , 131,	5.3	7
95	Structural and biochemical differences between the Notch and the amyloid precursor protein transmembrane domains. <i>Science Advances</i> , <b>2017</b> , 3, e1602794	14.3	27
94	Dodecyl- $\beta$ -melibioside Detergent Micelles as a Medium for Membrane Proteins. <i>Biochemistry</i> , <b>2017</b> , 56, 5481-5484	3.2	7
93	Predicting the Functional Impact of KCNQ1 Variants of Unknown Significance. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		20
92	Talin regulates integrin $\alpha$ -dependent and -independent cell functions in ureteric bud development. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 4148-4158	6.6	7
91	Structural Dynamics of 15-Lipoxygenase-2 via Hydrogen-Deuterium Exchange. <i>Biochemistry</i> , <b>2017</b> , 56, 5065-5074	3.2	11
90	Peripheral myelin protein 22 alters membrane architecture. <i>Science Advances</i> , <b>2017</b> , 3, e1700220	14.3	30
89	Backbone Hydrogen Bond Strengths Can Vary Widely in Transmembrane Helices. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 10742-10749	16.4	25
88	Regulation of KCNQ/Kv7 family voltage-gated K channels by lipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2017</b> , 1859, 586-597	3.8	25
87	Documentation of an Imperative To Improve Methods for Predicting Membrane Protein Stability. <i>Biochemistry</i> , <b>2016</b> , 55, 5002-9	3.2	31
86	A pH-Mediated Topological Switch within the N-Terminal Domain of Human Caveolin-3. <i>Biophysical Journal</i> , <b>2016</b> , 110, 2475-2485	2.9	5
85	Structural and Molecular Determinants of Membrane Binding by the HIV-1 Matrix Protein. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 1637-55	6.5	55
84	Topologically Diverse Human Membrane Proteins Partition to Liquid-Disordered Domains in Phase-Separated Lipid Vesicles. <i>Biochemistry</i> , <b>2016</b> , 55, 985-8	3.2	14
83	Implications of the differing roles of the $\alpha$ and $\beta$ transmembrane and cytoplasmic domains for integrin function. <i>ELife</i> , <b>2016</b> , 5,	8.9	22
82	How $\beta$ -secretase hits a moving target. <i>ELife</i> , <b>2016</b> , 5,	8.9	2

81	Structural basis for KCNE3 modulation of potassium recycling in epithelia. <i>Science Advances</i> , <b>2016</b> , 2, e1501228	14.3	32
80	Transthyretin Suppresses Amyloid- $\beta$ Secretion by Interfering with Processing of the Amyloid- $\beta$ Protein Precursor. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 52, 1263-75	4.3	13
79	The safety dance: biophysics of membrane protein folding and misfolding in a cellular context. <i>Quarterly Reviews of Biophysics</i> , <b>2015</b> , 48, 1-34	7	28
78	Conformational Stability and Pathogenic Misfolding of the Integral Membrane Protein PMP22. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 8758-68	16.4	29
77	Biophysical characterization of interactions between the C-termini of peripheral nerve claudins and the PDZ domain of zonula occludens. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 459, 87-93	3.4	1
76	Personalized biochemistry and biophysics. <i>Biochemistry</i> , <b>2015</b> , 54, 2551-9	3.2	22
75	Probing Structural Dynamics and Topology of the KCNE1 Membrane Protein in Lipid Bilayers via Site-Directed Spin Labeling and Electron Paramagnetic Resonance Spectroscopy. <i>Biochemistry</i> , <b>2015</b> , 54, 6402-12	3.2	19
74	Perplexing new insight into the dynamics of the EmrE transporter. <i>Journal of General Physiology</i> , <b>2015</b> , 146, 441-4	3.4	3
73	Influence of Arrestin on the Photodecay of Bovine Rhodopsin. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 13555-60	16.4	6
72	Development of electron spin echo envelope modulation spectroscopy to probe the secondary structure of recombinant membrane proteins in a lipid bilayer. <i>Protein Science</i> , <b>2015</b> , 24, 1707-13	6.3	9
71	Influence of Pathogenic Mutations on the Energetics of Translocon-Mediated Bilayer Integration of Transmembrane Helices. <i>Journal of Membrane Biology</i> , <b>2015</b> , 248, 371-81	2.3	16
70	Notch Transmembrane Domain: Secondary Structure and Topology. <i>Biochemistry</i> , <b>2015</b> , 54, 3565-8	3.2	14
69	Impact of bilayer lipid composition on the structure and topology of the transmembrane amyloid precursor C99 protein. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 4093-6	16.4	39
68	The homology model of PMP22 suggests mutations resulting in peripheral neuropathy disrupt transmembrane helix packing. <i>Biochemistry</i> , <b>2014</b> , 53, 6139-41	3.2	16
67	Structural investigation of the transmembrane domain of KCNE1 in proteoliposomes. <i>Biochemistry</i> , <b>2014</b> , 53, 6392-401	3.2	37
66	Purification and structural study of the voltage-sensor domain of the human KCNQ1 potassium ion channel. <i>Biochemistry</i> , <b>2014</b> , 53, 2032-42	3.2	27
65	Cholesterol as a co-solvent and a ligand for membrane proteins. <i>Protein Science</i> , <b>2014</b> , 23, 1-22	6.3	91
64	Competition between homodimerization and cholesterol binding to the C99 domain of the amyloid precursor protein. <i>Biochemistry</i> , <b>2013</b> , 52, 5051-64	3.2	84

63	The backbone dynamics of the amyloid precursor protein transmembrane helix provides a rationale for the sequential cleavage mechanism of $\beta$ secretase. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 1317-29	16.4	57
62	Reversible folding of human peripheral myelin protein 22, a tetraspan membrane protein. <i>Biochemistry</i> , <b>2013</b> , 52, 3229-41	3.2	27
61	An allosteric mechanism for drug block of the human cardiac potassium channel KCNQ1. <i>Molecular Pharmacology</i> , <b>2013</b> , 83, 481-9	4.3	10
60	Bicelles at low concentrations. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 752-61	5.6	37
59	The amyloid precursor protein has a flexible transmembrane domain and binds cholesterol. <i>Science</i> , <b>2012</b> , 336, 1168-71	33.3	351
58	Prokaryotic diacylglycerol kinase and undecaprenol kinase. <i>Annual Review of Biophysics</i> , <b>2012</b> , 41, 81-101	12.1	52
57	$\beta$ integrin NPXY motifs regulate kidney collecting-duct development and maintenance by induced-fit interactions with cytosolic proteins. <i>Molecular and Cellular Biology</i> , <b>2012</b> , 32, 4080-91	4.8	8
56	Enhancing integrin $\beta$ inserted (I) domain affinity to ligand potentiates integrin $\beta$ -mediated down-regulation of collagen synthesis. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 35139-35152	5.4	20
55	Structural basis for the Trembler-J phenotype of Charcot-Marie-Tooth disease. <i>Structure</i> , <b>2011</b> , 19, 1160-9	5.2	30
54	Working model for the structural basis for KCNE1 modulation of the KCNQ1 potassium channel. <i>Current Opinion in Structural Biology</i> , <b>2011</b> , 21, 283-91	8.1	25
53	NSAID-based $\beta$ secretase modulators do not bind to the amyloid- $\beta$ polypeptide. <i>Biochemistry</i> , <b>2011</b> , 50, 10328-42	3.2	20
52	Reconstitution of KCNE1 into lipid bilayers: comparing the structural, dynamic, and activity differences in micelle and vesicle environments. <i>Biochemistry</i> , <b>2011</b> , 50, 10851-9	3.2	23
51	Tolerance to changes in membrane lipid composition as a selected trait of membrane proteins. <i>Biochemistry</i> , <b>2011</b> , 50, 7858-67	3.2	63
50	Solution NMR approaches for establishing specificity of weak heterodimerization of membrane proteins. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 20571-80	16.4	22
49	KCNQ1/KCNE1 assembly, co-translation not required. <i>Channels</i> , <b>2010</b> , 4, 108-14	3	17
48	Functional delivery of a membrane protein into oocyte membranes using bicelles. <i>Biochemistry</i> , <b>2010</b> , 49, 653-5	3.2	31
47	Lysophospholipid micelles sustain the stability and catalytic activity of diacylglycerol kinase in the absence of lipids. <i>Biochemistry</i> , <b>2010</b> , 49, 7089-99	3.2	31
46	Direct binding of cholesterol to the amyloid precursor protein: An important interaction in lipid-Alzheimer's disease relationships?. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2010</b> , 1801, 975-82	5	110

45	Distinct subdomains of the KCNQ1 S6 segment determine channel modulation by different KCNE subunits. <i>Journal of General Physiology</i> , <b>2009</b> , 134, 207-17	3.4	19
44	Solution nuclear magnetic resonance structure of membrane-integral diacylglycerol kinase. <i>Science</i> , <b>2009</b> , 324, 1726-9	33.3	188
43	A unified hydrophobicity scale for multispan membrane proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2009</b> , 76, 13-29	4.2	39
42	Recent Advances in the Application of Solution NMR Spectroscopy to Multi-Span Integral Membrane Proteins. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , <b>2009</b> , 55, 335-360	10.4	132
41	Bolaamphiphile-class surfactants can stabilize and support the function of solubilized integral membrane proteins. <i>Biochemistry</i> , <b>2009</b> , 48, 11606-8	3.2	25
40	Nonspecificity of binding of gamma-secretase modulators to the amyloid precursor protein. <i>Biochemistry</i> , <b>2009</b> , 48, 11837-9	3.2	39
39	NMR based structure and enzymatic insight into diacylglycerol kinase, an alpha-helical membrane protein. <i>FASEB Journal</i> , <b>2009</b> , 23, LB223	0.9	
38	Cross-talk between integrins alpha1beta1 and alpha2beta1 in renal epithelial cells. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 3593-604	4.2	27
37	Structural studies of the transmembrane C-terminal domain of the amyloid precursor protein (APP): does APP function as a cholesterol sensor?. <i>Biochemistry</i> , <b>2008</b> , 47, 9428-46	3.2	137
36	Structure of KCNE1 and implications for how it modulates the KCNQ1 potassium channel. <i>Biochemistry</i> , <b>2008</b> , 47, 7999-8006	3.2	164
35	The peripheral neuropathy-linked Trembler and Trembler-J mutant forms of peripheral myelin protein 22 are folding-destabilized. <i>Biochemistry</i> , <b>2008</b> , 47, 10620-9	3.2	23
34	Development and Application of Bicelles for Use in Biological NMR and Other Biophysical Studies <b>2008</b> , 233-239		5
33	Purification and initiation of structural characterization of human peripheral myelin protein 22, an integral membrane protein linked to peripheral neuropathies. <i>Biochemistry</i> , <b>2007</b> , 46, 11185-95	3.2	19
32	Preparation, functional characterization, and NMR studies of human KCNE1, a voltage-gated potassium channel accessory subunit associated with deafness and long QT syndrome. <i>Biochemistry</i> , <b>2007</b> , 46, 11459-72	3.2	56
31	Structural models for the KCNQ1 voltage-gated potassium channel. <i>Biochemistry</i> , <b>2007</b> , 46, 14141-52	3.2	82
30	Visiting order on membrane proteins by using nanotechnology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 6502-3	11.5	4
29	A Structure for Little Orphan Diacylglycerol Kinase. <i>FASEB Journal</i> , <b>2007</b> , 21, A148	0.9	
28	Solution NMR of membrane proteins: practice and challenges. <i>Magnetic Resonance in Chemistry</i> , <b>2006</b> , 44 Spec No, S24-40	2.1	193

27	Irreversible misfolding of diacylglycerol kinase is independent of aggregation and occurs prior to trimerization and membrane association. <i>Biochemistry</i> , <b>2006</b> , 45, 10072-84	3.2	16
26	Post-integration Misassembly of Membrane Proteins and Disease <b>2006</b> , 81-94		
25	Phenotology of disease-linked proteins. <i>Human Mutation</i> , <b>2005</b> , 25, 90-7	4.7	10
24	Disease-related misassembly of membrane proteins. <i>Annual Review of Biophysics and Biomolecular Structure</i> , <b>2004</b> , 33, 25-51		209
23	French swimwear for membrane proteins. <i>ChemBioChem</i> , <b>2004</b> , 5, 423-6	3.8	74
22	Destabilizing mutations promote membrane protein misfolding. <i>Biochemistry</i> , <b>2004</b> , 43, 19-25	3.2	43
21	A critical residue in the folding pathway of an integral membrane protein. <i>Biochemistry</i> , <b>2002</b> , 41, 9021-5	3.2	16
20	Amphipols can support the activity of a membrane enzyme. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 11594-5	16.4	61
19	Kinetic study of folding and misfolding of diacylglycerol kinase in model membranes. <i>Biochemistry</i> , <b>2001</b> , 40, 8971-80	3.2	57
18	Use of amphipathic polymers to deliver a membrane protein to lipid bilayers. <i>FEBS Letters</i> , <b>2001</b> , 501, 115-20	3.8	52
17	Mutations of peripheral myelin protein 22 result in defective trafficking through mechanisms which may be common to diseases involving tetraspan membrane proteins. <i>Biochemistry</i> , <b>2001</b> , 40, 9453-9	3.2	64
16	Conformationally specific misfolding of an integral membrane protein. <i>Biochemistry</i> , <b>2001</b> , 40, 5111-8	3.2	23
15	Functionality of a membrane protein in bicelles. <i>Analytical Biochemistry</i> , <b>2000</b> , 284, 327-33	3.1	89
14	Misfolding of membrane proteins in health and disease: the lady or the tiger?. <i>Current Opinion in Structural Biology</i> , <b>2000</b> , 10, 438-42	8.1	85
13	Thiol modification of diacylglycerol kinase: dependence upon site membrane disposition and reagent hydrophobicity. <i>FEBS Letters</i> , <b>2000</b> , 472, 225-9	3.8	13
12	Reconstitutive refolding of diacylglycerol kinase, an integral membrane protein. <i>Biochemistry</i> , <b>1999</b> , 38, 16373-82	3.2	78
11	On choosing a detergent for solution NMR studies of membrane proteins. <i>Journal of Biomolecular NMR</i> , <b>1998</b> , 11, 381-6	3	103
10	Bicelles: a model membrane system for all seasons?. <i>Structure</i> , <b>1998</b> , 6, 1227-34	5.2	303



9	Reconstitution of membrane proteins into lipid-rich bilayered mixed micelles for NMR studies. <i>Biochemistry</i> , <b>1995</b> , 34, 4030-40	3.2	301
8	Magnetically-oriented phospholipid micelles as a tool for the study of membrane-associated molecules. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , <b>1994</b> , 26, 421-444	10.4	347
7	Characterization of magnetically orientable bilayers in mixtures of dihexanoylphosphatidylcholine and dimyristoylphosphatidylcholine by solid-state NMR. <i>Biochemistry</i> , <b>1992</b> , 31, 8898-905	3.2	426
6	Headgroup orientations of alkyl glycosides at a lipid bilayer interface. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 7096-7107	16.4	29
5	Orientation and dynamics of .beta.-dodecyl glucopyranoside in phospholipid bilayers by oriented sample NMR and order matrix analysis. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 1987-1996	16.4	46
4	Mechanism of adenylate kinase. Is there a relationship between local substrate dynamics, local binding energy, and the catalytic mechanism?. <i>Biochemistry</i> , <b>1989</b> , 28, 9028-43	3.2	39
3	Mechanism of adenylate kinase. 3. Use of deuterium NMR to show lack of correlation between local substrate dynamics and local binding energy. <i>Journal of the American Chemical Society</i> , <b>1988</b> , 110, 3323-3324	16.4	4
2	Peripheral Myelin Protein 22 Preferentially Partitions into Ordered Phase Membrane Domains		1
1	High Throughput Functional Evaluation of KCNQ1 Decrypts Variants of Unknown Significance		1