

# Harden M McConnell

## 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.

200  
papers

21,668  
citations

69  
h-index

145  
g-index

203  
ext. papers

22,272  
ext. citations

6.8  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
200	Understanding membranes. <i>ACS Chemical Biology</i> , <b>2008</b> , 3, 265-7	4.9	7
199	Dynamic Properties of Membranes; Membrane Immunochemistry. <i>Advances in Chemical Physics</i> , <b>2007</b> , 249-285		2
198	Cholesterol depletion induces solid-like regions in the plasma membrane. <i>Biophysical Journal</i> , <b>2006</b> , 90, 927-38	2.9	96
197	Cholesterol depletion suppresses the translational diffusion of class II major histocompatibility complex proteins in the plasma membrane. <i>Biophysical Journal</i> , <b>2005</b> , 88, 334-47	2.9	105
196	Cytokines elicited by T cell epitopes from a synovial autoantigen: altered peptide ligands can reduce interferon-gamma and interleukin-10 production. <i>Arthritis and Rheumatism</i> , <b>2003</b> , 48, 2375-85		6
195	Liquid-liquid immiscibility in membranes. <i>Annual Review of Biophysics and Biomolecular Structure</i> , <b>2003</b> , 32, 469-92		221
194	Formation of two peptide/MHC II isomers is catalyzed differentially by HLA-DM. <i>Biochemistry</i> , <b>2003</b> , 42, 838-47	3.2	27
193	Condensed complexes of cholesterol and phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2003</b> , 1610, 159-73	3.8	335
192	Relationship between kinetic stability and immunogenicity of HLA-DR4/peptide complexes. <i>European Journal of Immunology</i> , <b>2002</b> , 32, 662-70	6.1	52
191	Structural factors contributing to DM susceptibility of MHC class II/peptide complexes. <i>Journal of Immunology</i> , <b>2002</b> , 169, 5109-17	5.3	58
190	Critical points in charged membranes containing cholesterol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 13391-6	11.5	19
189	Thermal Dissociation of Condensed Complexes of Cholesterol and Phospholipid. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 4755-4762	3.4	27
188	Two fatty acids can replace one phospholipid in condensed complexes with cholesterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2002</b> , 1564, 1-4	3.8	13
187	A thermodynamic model for extended complexes of cholesterol and phospholipid. <i>Biophysical Journal</i> , <b>2002</b> , 83, 2039-52	2.9	30
186	Translational diffusion of individual class II MHC membrane proteins in cells. <i>Biophysical Journal</i> , <b>2002</b> , 83, 2681-92	2.9	224
185	Peptide binding to active class II MHC protein on the cell surface. <i>Journal of Immunology</i> , <b>2001</b> , 166, 6680-5	9.5	16
184	Condensed complexes and the calorimetry of cholesterol-phospholipid bilayers. <i>Biophysical Journal</i> , <b>2001</b> , 81, 2774-85	2.9	79

183	Stoichiometry of cholesterol-sphingomyelin condensed complexes in monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2001</b> , 1511, 1-6	3.8	54
182	Kinetics of registry selection of chimeric peptides binding to MHC II. <i>Biochemistry</i> , <b>2001</b> , 40, 10284-92	3.2	4
181	Multiple cholesterol-phospholipid complexes in membranes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 171, 13-23	5.1	7
180	Miscibility critical pressures in monolayers of ternary lipid mixtures. <i>Biophysical Journal</i> , <b>2000</b> , 79, 2033-42	4.9	43
179	Chemical activity of cholesterol in membranes. <i>Biochemistry</i> , <b>2000</b> , 39, 8119-24	3.2	142
178	Coupling of Size and Shape Equilibration in Lipid Monolayer Domains. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 1657-1662	3.4	6
177	Kinetics of peptide binding to the class II MHC protein I-Ek. <i>Biochemistry</i> , <b>2000</b> , 39, 1048-58	3.2	47
176	Electric Field Effects in Multicomponent Fluid Lipid Membranes. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 119-124	3.4	18
175	pH stability of HLA-DR4 complexes with antigenic peptides. <i>Biochemistry</i> , <b>2000</b> , 39, 14558-66	3.2	15
174	Phase Behavior of Multicomponent Phospholipid Mixtures with Cholesterol. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 9918-9928	3.4	9
173	Saturated Phospholipids with High Melting Temperatures Form Complexes with Cholesterol in Monolayers. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 7522-7527	3.4	71
172	Lateral Reorganization of Fluid Lipid Membranes in Response to the Electric Field Produced by a Buried Charge. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 11409-11415	3.4	23
171	Stripe Phases in Lipid Monolayers near a Miscibility Critical Point. <i>Physical Review Letters</i> , <b>1999</b> , 82, 1602-1605	4.05	102
170	Condensed complexes of cholesterol and phospholipids. <i>Biophysical Journal</i> , <b>1999</b> , 77, 1507-17	2.9	210
169	Interpretation of biphasic dissociation kinetics for isomeric class II major histocompatibility complex-peptide complexes. <i>Biophysical Journal</i> , <b>1999</b> , 77, 2451-61	2.9	12
168	Cholesterol-phospholipid Complexes in Membranes. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 486-487	16.4	99
167	Conformational isomers of a class II MHC-peptide complex in solution. <i>Journal of Molecular Biology</i> , <b>1999</b> , 286, 207-18	6.5	49
166	Initiation of signal transduction through the T cell receptor requires the multivalent engagement of peptide/MHC ligands [corrected]. <i>Immunity</i> , <b>1998</b> , 9, 459-66	32.3	329

165	Formation of a highly peptide-receptive state of class II MHC. <i>Immunity</i> , <b>1998</b> , 9, 699-709	32.3	122
164	Kinetic isomers of a class II MHC-peptide complex. <i>Biochemistry</i> , <b>1998</b> , 37, 17371-80	3.2	30
163	Hydrodynamics of Domain Size Equilibration in Monolayers. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 6927-6931	3.4	10
162	Potentiometric Measurement of Intracellular Redox Activity. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 2464-2473	16.4	82
161	Evidence that the autoimmune antigen myelin basic protein (MBP) Ac1-9 binds towards one end of the major histocompatibility complex (MHC) cleft. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 1505-16	16.6	43
160	Kinetics and extent of T cell activation as measured with the calcium signal. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 1815-25	16.6	146
159	Cloverleaf Monolayer Domains. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 381-388	3.4	23
158	Liquid-liquid immiscibility in lipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1997</b> , 1329, 7-11	3.8	38
157	Molecular modeling and design of invariant chain peptides with altered dissociation kinetics from class II MHC. <i>Biochemistry</i> , <b>1996</b> , 35, 14734-42	3.2	23
156	Isomeric Complexes of Peptides with Class II Proteins of the Major Histocompatibility Complex. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 977-980	16.4	11
155	Equilibrium Thermodynamics of Lipid Monolayer Domains. <i>Langmuir</i> , <b>1996</b> , 12, 4897-4904	4	46
154	Critical pressures in multicomponent lipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1996</b> , 1280, 169-72	3.8	12
153	Altered T cell receptor ligands trigger a subset of early T cell signals. <i>Immunity</i> , <b>1996</b> , 5, 125-35	32.3	139
152	Stripe Phase Hydrodynamics in Lipid Monolayers. <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 7722-7728		9
151	Book Reviews: Force of Nature, Linus Pauling, and Linus Pauling in His Own Words, reviewed by H. M. McConnell * Vignettes * Books Received. <i>Science</i> , <b>1996</b> , 271, 603-604	33.3	2
150	Insight into antibody combining sites using nuclear magnetic resonance and spin label haptens. <i>Advances in Protein Chemistry</i> , <b>1996</b> , 49, 135-48		3
149	Three-phase intersection points in monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 102, 167-172	5.1	5
148	Kinetics of the reactions between the invariant chain (85-99) peptide and proteins of the murine class II MHC. <i>International Immunology</i> , <b>1995</b> , 7, 1397-404	4.9	50

147	Reactions of Peptides with Class II Proteins of the Major Histocompatibility Complex. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 10429-10433	16.4	20
146	Kinetics of the reaction of a myelin basic protein peptide with soluble IAu. <i>Biochemistry</i> , <b>1995</b> , 34, 14874-82	3.2	21
145	Inhibition of class II MHC-peptide complex formation by protease inhibitors. <i>Journal of Immunological Methods</i> , <b>1994</b> , 173, 127-31	2.5	
144	Site-directed mutagenesis and <sup>1</sup> H nuclear magnetic resonance of an anti-dinitrophenyl spin label antibody. <i>Journal of Molecular Biology</i> , <b>1994</b> , 244, 301-18	6.5	12
143	Formation and dissociation of short-lived class II MHC-peptide complexes. <i>Biochemistry</i> , <b>1994</b> , 33, 1861-8.	3.2	25
142	The kinetics of peptide reactions with class II major histocompatibility complex membrane proteins. <i>Accounts of Chemical Research</i> , <b>1993</b> , 26, 442-448	24.3	10
141	Surface dipole densities in lipid monolayers. <i>The Journal of Physical Chemistry</i> , <b>1993</b> , 97, 6686-6691		100
140	Circle to dogbone: shapes and shape transitions of lipid monolayer domains. <i>The Journal of Physical Chemistry</i> , <b>1993</b> , 97, 13419-13424		50
139	Field-gradient electrophoresis of lipid domains. <i>The Journal of Physical Chemistry</i> , <b>1993</b> , 97, 2962-2966		31
138	Anomalous kinetics in antibody-antigen interactions. <i>The Journal of Physical Chemistry</i> , <b>1993</b> , 97, 3034-3039		7
137	Quantized symmetry of liquid monolayer domains. <i>The Journal of Physical Chemistry</i> , <b>1993</b> , 97, 9532-9539		88
136	Note on the theory of the sizes and shapes of lipid domains in monolayers. <i>The Journal of Physical Chemistry</i> , <b>1992</b> , 96, 7101-7103		33
135	Mechanism of peptide release from major histocompatibility complex class II molecules. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 9680-9682	16.4	14
134	Antigenic peptide binding to the mouse major histocompatibility complex class II protein I-Ek. Peptide stabilization of the quaternary structure of I-Ek. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 3506-3511	16.4	10
133	Line tension between liquid domains in lipid monolayers. <i>The Journal of Physical Chemistry</i> , <b>1992</b> , 96, 6820-6824		173
132	Binding of truncated peptides to the MHC molecule IA (d). <i>FEBS Letters</i> , <b>1991</b> , 294, 244-6	3.8	6
131	Structural and kinetic studies of the Fab fragment of a monoclonal anti-spin label antibody by nuclear magnetic resonance. <i>Journal of Molecular Biology</i> , <b>1991</b> , 221, 257-70	6.5	21
130	Harmonic shape transitions in lipid monolayer domains. <i>The Journal of Physical Chemistry</i> , <b>1990</b> , 94, 4728-4731		86

129	Monomolecular Films and Long-Range Dipole Forces. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , <b>1989</b> , 176, 321-327		
128	A kinetic intermediate in the reaction of an antigenic peptide and I-Ek. <i>Nature</i> , <b>1989</b> , 337, 274-6	50.4	123
127	Critical shape transitions of monolayer lipid domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1989</b> , 86, 6445-8	11.5	78
126	Specificities of Germ Line Antibodies <b>1989</b> , 367-376		
125	Line-shape analysis of NMR difference spectra of an anti-spin-label antibody. <i>Biochemistry</i> , <b>1988</b> , 27, 5161-5	3.2	7
124	Crystallization of an anti-2,2,6,6-tetramethyl-1-piperidinyloxy-dinitrophenyl monoclonal antibody Fab fragment with and without bound hapten. <i>Journal of Molecular Biology</i> , <b>1988</b> , 203, 829-30	6.5	8
123	Shapes of finite two-dimensional lipid domains. <i>The Journal of Physical Chemistry</i> , <b>1988</b> , 92, 4520-4525		221
122	Antigen Presentation by Supported Planar Membranes Containing Purified Major Histocompatibility Complex Proteins <b>1988</b> , 143-155		1
121	Critical mixing in monolayer mixtures of phospholipid and cholesterol. <i>The Journal of Physical Chemistry</i> , <b>1987</b> , 91, 1715-1718		128
120	Physical Chemistry and Biological Strategy of Antigen Recognition. <i>Springer Series in Biophysics</i> , <b>1987</b> , 5-9		
119	T-cell-mediated association of peptide antigen and major histocompatibility complex protein detected by energy transfer in an evanescent wave-field. <i>Nature</i> , <b>1986</b> , 320, 179-81	50.4	171
118	Diversity of Molecular Recognition: The Combining Sites of Monoclonal Anti Spin Label Antibodies <b>1986</b> , 87-91		
117	Mono- and bilayers of phospholipids at interfaces: interlayer coupling and phase stability. <i>The Journal of Physical Chemistry</i> , <b>1985</b> , 89, 3592-3595		45
116	NMR technique for assessing contributions of heavy and light chains to an antibody combining site. <i>Nature</i> , <b>1985</b> , 315, 65-7	50.4	48
115	Cholesterol stabilizes the crystal-liquid interface in phospholipid monolayers. <i>The Journal of Physical Chemistry</i> , <b>1985</b> , 89, 4453-4459		171
114	Cytochemical study of macrophage lysosomal inorganic trimetaphosphatase and acid phosphatase. <i>Journal of Ultrastructure Research</i> , <b>1985</b> , 90, 80-8		14
113	Two-dimensional chiral crystals of phospholipid. <i>Nature</i> , <b>1984</b> , 310, 47-9	50.4	319
112	Distances of tyrosine residues from a spin-label hapten in the combining site of a specific monoclonal antibody. <i>Biochemistry</i> , <b>1984</b> , 23, 5372-5	3.2	33

111	Magnetic resonance of a monoclonal anti-spin-label antibody. <i>Biochemistry</i> , <b>1984</b> , 23, 1138-1142	3.2	63
110	Nonaromatic amino acids in the combining site region of a monoclonal anti-spin-label antibody. <i>Biochemistry</i> , <b>1984</b> , 23, 6470-3	3.2	15
109	Covalent linkage of a synthetic peptide to a fluorescent phospholipid and its incorporation into supported phospholipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1984</b> , 772, 10-9	3.8	24
108	Superoxide enhances photobleaching during cellular immune attack against fluorescent lipid monolayer membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1984</b> , 772, 20-8	3.8	12
107	Binding of cytotoxic T-lymphocytes to supported lipid monolayers containing trypsinized H-2Kk. <i>Molecular Immunology</i> , <b>1983</b> , 20, 1227-31	4.3	24
106	Cytochemical study of liposome and lipid vesicle phagocytosis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1983</b> , 735, 77-85	3.8	15
105	2. Nitroxide Spin Labels. <i>Methods in Experimental Physics</i> , <b>1982</b> , 53-122		9
104	Monoclonal antibodies to a nitroxide lipid hapten. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1982</b> , 721, 30-8	4.9	16
103	The lateral mobility and surface distribution of Lyt-1, Lyt-2 and Lyt-3 on mouse thymocytes. <i>Molecular Immunology</i> , <b>1982</b> , 19, 1481-9	4.3	7
102	Induction of helical liposomes by Ca <sup>2+</sup> -mediated intermembrane binding. <i>Nature</i> , <b>1982</b> , 296, 164-5	50.4	73
101	Phase Equilibria in binary mixtures of dimyristoylphosphatidylcholine and cardiolipin. <i>Biochemistry</i> , <b>1981</b> , 20, 6635-40	3.2	28
100	Phase equilibria in binary mixtures of phosphatidylcholine and cholesterol. <i>Biochemistry</i> , <b>1981</b> , 20, 4505-10	3.0	217
99	Physical properties of lipid monolayers on alkylated planar glass surfaces. <i>Biophysical Journal</i> , <b>1981</b> , 36, 421-7	2.9	135
98	Dynamic properties of binary mixtures of phosphatidylcholines and cholesterol. <i>Biochemistry</i> , <b>1980</b> , 19, 569-73	3.2	57
97	Kinetics of antibody-dependent activation of the first component of complement on lipid bilayer membranes. <i>Biochemical and Biophysical Research Communications</i> , <b>1980</b> , 93, 235-42	3.4	9
96	Lateral diffusion of M-13 coat protein in mixtures of phosphatidylcholine and cholesterol. <i>Biochemistry</i> , <b>1980</b> , 19, 5907-11	3.2	50
95	Triggering of the macrophage and neutrophil respiratory burst by antibody bound to a spin-label phospholipid hapten in model lipid bilayer membranes. <i>Biochemistry</i> , <b>1980</b> , 19, 5387-94	3.2	43
94	Kinetics of antibody-dependent binding of haptenated phospholipid vesicles to a macrophage-related cell line. <i>Biochemistry</i> , <b>1980</b> , 19, 5376-86	3.2	47

93	Specific antibody-dependent activation of neutrophils by liposomes containing spin-label lipid haptens. <i>Biochemical and Biophysical Research Communications</i> , <b>1979</b> , 86, 522-8	3.4	18
92	Reactions of photoradicals with nitroxide spin labels. <i>Journal of the American Chemical Society</i> , <b>1979</b> , 101, 3272-3277	16.4	6
91	Hydrogen atom exchange between nitroxides and hydroxylamines. <i>Journal of the American Chemical Society</i> , <b>1979</b> , 101, 3592-3595	16.4	31
90	Model lipid bilayer membranes as targets for antibody-dependent, cellular- and complement-mediated immune attack. <i>Annals of the New York Academy of Sciences</i> , <b>1978</b> , 308, 124-38	6.5	25
89	Surface areas of lipid membranes. <i>Biochemistry</i> , <b>1978</b> , 17, 837-40	3.2	56
88	Multiple phase equilibria in binary mixtures of phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1978</b> , 509, 462-73	3.8	79
87	Photochemical reaction of alkylpentacyanocobaltates with nitroxides. A new biophysical tool. <i>Journal of the American Chemical Society</i> , <b>1977</b> , 99, 7091-7092	16.4	13
86	Structural and dynamical aspects of membrane immunochemistry using model membranes. <i>Biochemistry</i> , <b>1977</b> , 16, 1209-17	3.2	74
85	Clustering of nitroxide spin labels in lipid bilayer membranes. <i>Journal of the American Chemical Society</i> , <b>1977</b> , 99, 1637-42	16.4	25
84	Lateral phase separations in binary mixtures of phospholipids having different charges and different crystalline structures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1977</b> , 470, 303-16	3.8	101
83	Kinetics of phase equilibrium in a binary mixture of phospholipids. <i>Journal of the American Chemical Society</i> , <b>1976</b> , 98, 1314-8	16.4	21
82	Interactions of proteins and cholesterol with lipids in bilayer membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1976</b> , 419, 206-22	3.8	186
81	Binding of antibodies to nitroxide spin labels and to the corresponding hydroxylamines. <i>Biochemical and Biophysical Research Communications</i> , <b>1976</b> , 73, 248-54	3.4	10
80	Molecular Motion in Biological Membranes <b>1976</b> , 525-560		44
79	Regulation of Membrane Flexibility in Human Erythrocytes. <i>Biochemistry</i> , <b>1975</b> , 14, 2798-803	3.2	76
78	Phase separations in phospholipid membranes. <i>Biochemistry</i> , <b>1975</b> , 14, 847-54	3.2	296
77	The paramagnetic resonance spectra of spin labels in phospholipid membranes. <i>Journal of Magnetic Resonance</i> , <b>1974</b> , 16, 1-28		15
76	Lateral phase separations in binary lipid mixtures: correlation between spin label and freeze-fracture electron microscopic studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1974</b> , 363, 151-8	3.8	113



75	Lateral phase separations in Escherichia coli membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1974</b> , 345, 220-30	3.8	132
74	A functional acetylcholine receptor in the human erythrocyte. <i>Biochemical and Biophysical Research Communications</i> , <b>1974</b> , 57, 726-32	3.4	59
73	The effect of prostaglandins E1 and E2 on the human erythrocyte as monitored by spin labels. <i>Biochemical and Biophysical Research Communications</i> , <b>1974</b> , 56, 478-83	3.4	110
72	Effect of a magnetic field on phospholipid membranes. <i>Chemical Physics Letters</i> , <b>1974</b> , 24, 310-313	2.5	36
71	Calculation of paramagnetic resonance spectra sensitive to very slow rotational motion. <i>Chemical Physics Letters</i> , <b>1974</b> , 25, 470-475	2.5	83
70	Spin-spin interactions between spin-labeled phospholipids incorporated into membranes. <i>Journal of Magnetic Resonance</i> , <b>1973</b> , 9, 474-485		13
69	Triphosphate spin-label studies of allosteric interactions in hemoglobin. <i>Annals of the New York Academy of Sciences</i> , <b>1973</b> , 222, 56-67	6.5	4
68	The use of spin labels for measuring distances in biological systems. <i>Annals of the New York Academy of Sciences</i> , <b>1973</b> , 222, 149-62	6.5	8
67	Equality of the rates of lateral diffusion of phosphatidylethanolamine and phosphatidylcholine spin labels in rabbit sarcoplasmic reticulum. <i>Annals of the New York Academy of Sciences</i> , <b>1973</b> , 222, 489-98	6.5	16
66	Lateral phase separation in phospholipid membranes. <i>Biochemistry</i> , <b>1973</b> , 12, 2351-60	3.2	892
65	Lateral phase separations in binary mixtures of cholesterol and phospholipids. <i>Biochemical and Biophysical Research Communications</i> , <b>1973</b> , 53, 446-51	3.4	243
64	Lateral phase separations and perpendicular transport in membranes. <i>Biochemical and Biophysical Research Communications</i> , <b>1973</b> , 55, 484-91	3.4	79
63	Spin-label-induced nuclear relaxation. Distances between bound saccharides, histidine-15, and tryptophan-123 on lysozyme in solution. <i>Biochemistry</i> , <b>1972</b> , 11, 3707-16	3.2	96
62	States of hemoglobin in solution. <i>Biochemistry</i> , <b>1972</b> , 11, 4792-9	3.2	36
61	A new spin-labelled substrate for -galactosidase and -galactoside permease. <i>Biochemical and Biophysical Research Communications</i> , <b>1972</b> , 49, 1631-7	3.4	13
60	Rotational correlation time of spin-labeled alpha-chymotrypsin. <i>Biochemical and Biophysical Research Communications</i> , <b>1972</b> , 46, 321-7	3.4	61
59	Binding of triphosphate spin labels to hemoglobin Kempsey. <i>Biochemical and Biophysical Research Communications</i> , <b>1972</b> , 47, 157-65	3.4	11
58	The fraction of the lipid in a biological membrane that is in a fluid state: a spin label assay. <i>Biochemical and Biophysical Research Communications</i> , <b>1972</b> , 47, 273-81	3.4	113

57	THE FLEXIBILITY GRADIENT IN BIOLOGICAL MEMBRANES. <i>Annals of the New York Academy of Sciences</i> , <b>1972</b> , 195, 207-217	6.5	76
56	Inside-outside transitions of phospholipids in vesicle membranes. <i>Biochemistry</i> , <b>1971</b> , 10, 1111-20	3.2	847
55	Spin label orientation at the active site of -chymotrypsin in single crystals. <i>Biochemical and Biophysical Research Communications</i> , <b>1971</b> , 43, 651-7	3.4	15
54	Molecular motion in spin-labeled phospholipids and membranes. <i>Journal of the American Chemical Society</i> , <b>1971</b> , 93, 314-26	16.4	1473
53	Physics and chemistry of spin labels. <i>Quarterly Reviews of Biophysics</i> , <b>1970</b> , 3, 91-136	7	439
52	Motion of fatty acid spin labels in the plasma membrane of mycoplasma. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1970</b> , 219, 104-13	3.8	144
51	Spin-labeled hemoglobin derivatives in solution, polycrystalline suspensions, and single crystals. <i>Biochemistry</i> , <b>1969</b> , 8, 2580-5	3.2	81
50	Spin-Labeled Membranes. <i>Journal of General Physiology</i> , <b>1969</b> , 54, 277-286	3.4	
49	Spin-label determination of enzyme symmetry. <i>The Journal of Physical Chemistry</i> , <b>1967</b> , 71, 12-4		14
48	SPIN-LABELED PROTEIN CRYSTALS <b>1967</b> , 313-323		3
47	Triplet Excitons in Morpholinium TCNQ. <i>Journal of Chemical Physics</i> , <b>1965</b> , 43, 497-498	3.9	27
46	Study of Molecular Orbital Degeneracy in C5H5. <i>Journal of Chemical Physics</i> , <b>1965</b> , 42, 3931-3934	3.9	60
45	X-Ray Scattering by Triplet Excitons. <i>Journal of Chemical Physics</i> , <b>1965</b> , 43, 4126-4129	3.9	11
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