

Harden M McConnell

List of Publications by Year in descending order

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10351

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153
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203
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203
docs citations

203
times ranked

8902
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular motion in spin-labeled phospholipids and membranes. <i>Journal of the American Chemical Society</i> , 1971, 93, 314-326.	6.6	1,643
2	Reaction Rates by Nuclear Magnetic Resonance. <i>Journal of Chemical Physics</i> , 1958, 28, 430-431.	1.2	1,469
3	Lateral phase separation in phospholipid membranes. <i>Biochemistry</i> , 1973, 12, 2351-2360.	1.2	996
4	Intramolecular Charge Transfer in Aromatic Free Radicals. <i>Journal of Chemical Physics</i> , 1961, 35, 508-515.	1.2	976
5	Inside-outside transitions of phospholipids in vesicle membranes. <i>Biochemistry</i> , 1971, 10, 1111-1120.	1.2	945
6	Theory of Isotropic Hyperfine Interactions in π -Electron Radicals. <i>Journal of Chemical Physics</i> , 1958, 28, 107-117.	1.2	899
7	Radiation Damage in Organic Crystals. II. Electron Spin Resonance of $(\text{CO}_2\text{H})\text{CH}_2\text{CH}(\text{CO}_2\text{H})$ in Succinic Acid. <i>Journal of Chemical Physics</i> , 1960, 32, 1535-1539.	1.2	805
8	Ferromagnetism in Solid Free Radicals. <i>Journal of Chemical Physics</i> , 1963, 39, 1910-1910.	1.2	805
9	Isotropic Nuclear Resonance Shifts. <i>Journal of Chemical Physics</i> , 1958, 29, 1361-1365.	1.2	717
10	Indirect Hyperfine Interactions in the Paramagnetic Resonance Spectra of Aromatic Free Radicals. <i>Journal of Chemical Physics</i> , 1956, 24, 764-766.	1.2	669
11	Theory of Nuclear Magnetic Shielding in Molecules. I. Long-Range Dipolar Shielding of Protons. <i>Journal of Chemical Physics</i> , 1957, 27, 226-229.	1.2	586
12	Theory of anisotropic hyperfine interactions in π -electron radicals. <i>Molecular Physics</i> , 1959, 2, 129-138.	0.8	476
13	Physics and chemistry of spin labels. <i>Quarterly Reviews of Biophysics</i> , 1970, 3, 91-136.	2.4	475
14	Condensed complexes of cholesterol and phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1610, 159-173.	1.4	376
15	Effect of Anisotropic Hyperfine Interactions on Paramagnetic Relaxation in Liquids. <i>Journal of Chemical Physics</i> , 1956, 25, 709-711.	1.2	358
16	Initiation of Signal Transduction through the T Cell Receptor Requires the Multivalent Engagement of Peptide/MHC Ligands. <i>Immunity</i> , 1998, 9, 459-466.	6.6	349
17	Two-dimensional chiral crystals of phospholipid. <i>Nature</i> , 1984, 310, 47-49.	13.7	341
18	Phase separations in phospholipid membranes. <i>Biochemistry</i> , 1975, 14, 847-854.	1.2	331

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19	Electron Densities in Semiquinones by Paramagnetic Resonance. <i>Journal of Chemical Physics</i> , 1956, 24, 632-632.	1.2	302
20	Lateral phase separations in binary mixtures of cholesterol and phospholipids. <i>Biochemical and Biophysical Research Communications</i> , 1973, 53, 446-451.	1.0	274
21	Translational Diffusion of Individual Class II MHC Membrane Proteins in Cells. <i>Biophysical Journal</i> , 2002, 83, 2681-2692.	0.2	255
22	Liquid-Liquid Immiscibility in Membranes. <i>Annual Review of Biophysics and Biomolecular Structure</i> , 2003, 32, 469-492.	18.3	248
23	Phase equilibria in binary mixtures of phosphatidylcholine and cholesterol. <i>Biochemistry</i> , 1981, 20, 4505-4510.	1.2	243
24	Shapes of finite two-dimensional lipid domains. <i>The Journal of Physical Chemistry</i> , 1988, 92, 4520-4525.	2.9	233
25	Nitrogen Hyperfine Tensor and g Tensor of Nitroxide Radicals. <i>Journal of Chemical Physics</i> , 1965, 43, 2909-2910.	1.2	230
26	Condensed Complexes of Cholesterol and Phospholipids. <i>Biophysical Journal</i> , 1999, 77, 1507-1517.	0.2	221
27	Interactions of proteins and cholesterol with lipids in bilayer membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 419, 206-222.	1.4	214
28	Spin Density Matrices for Paramagnetic Molecules. <i>Journal of Chemical Physics</i> , 1958, 28, 1188-1192.	1.2	194
29	Line tension between liquid domains in lipid monolayers. <i>The Journal of Physical Chemistry</i> , 1992, 96, 6820-6824.	2.9	186
30	Cholesterol stabilizes the crystal-liquid interface in phospholipid monolayers. <i>The Journal of Physical Chemistry</i> , 1985, 89, 4453-4459.	2.9	177
31	T-cell-mediated association of peptide antigen and major histocompatibility complex protein detected by energy transfer in an evanescent wave-field. <i>Nature</i> , 1986, 320, 179-181.	13.7	176
32	Interaction of the Radical Ion of Chlorpromazine with Deoxyribonucleic Acid. <i>Journal of the American Chemical Society</i> , 1965, 87, 2293-2293.	6.6	172
33	Motion of fatty acid spin labels in the plasma membrane of mycoplasma. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1970, 219, 104-113.	1.4	166
34	Paramagnetic Excitons in Molecular Crystals. <i>Journal of Chemical Physics</i> , 1961, 35, 1793-1800.	1.2	161
35	Kinetics and Extent of T Cell Activation as Measured with the Calcium Signal. <i>Journal of Experimental Medicine</i> , 1997, 185, 1815-1825.	4.2	161
36	Chemical Activity of Cholesterol in Membranes. <i>Biochemistry</i> , 2000, 39, 8119-8124.	1.2	157

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37	Altered T Cell Receptor Ligands Trigger a Subset of Early T Cell Signals. <i>Immunity</i> , 1996, 5, 125-135.	6.6	155
38	Lateral phase separations in <i>Escherichia coli</i> membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 345, 220-230.	1.4	147
39	Physical Properties of Lipid Monolayers on Alkylated Planar Glass Surfaces. <i>Biophysical Journal</i> , 1981, 36, 421-427.	0.2	145
40	A kinetic intermediate in the reaction of an antigenic peptide and ϵ -k. <i>Nature</i> , 1989, 337, 274-276.	13.7	134
41	Critical mixing in monolayer mixtures of phospholipid and cholesterol. <i>The Journal of Physical Chemistry</i> , 1987, 91, 1715-1718.	2.9	132
42	Formation of a Highly Peptide-Receptive State of Class II MHC. <i>Immunity</i> , 1998, 9, 699-709.	6.6	126
43	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> , 1972, 47, 273-281.	1.0	122
44	Lateral phase separations in binary lipid mixtures: Correlation between spin label and freeze-fracture electron microscopic studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 363, 151-158.	1.4	122
45	Cholesterol Depletion Suppresses the Translational Diffusion of Class II Major Histocompatibility Complex Proteins in the Plasma Membrane. <i>Biophysical Journal</i> , 2005, 88, 334-347.	0.2	118
46	Contribution of π -electrons to nuclear spin-spin coupling of aromatic protons. <i>Journal of Molecular Spectroscopy</i> , 1957, 1, 11-17.	0.4	115
47	Lateral phase separations in binary mixtures of phospholipids having different charges and different crystalline structures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 470, 303-316.	1.4	113
48	The effect of prostaglandins E1 and E2 on the human erythrocyte as monitored by spin labels. <i>Biochemical and Biophysical Research Communications</i> , 1974, 56, 478-483.	1.0	112
49	Stripe Phases in Lipid Monolayers near a Miscibility Critical Point. <i>Physical Review Letters</i> , 1999, 82, 1602-1605.	2.9	107
50	Spin-label-induced nuclear relaxation. Distances between bound saccharides, histidine-15, and tryptophan-123 on lysozyme in solution. <i>Biochemistry</i> , 1972, 11, 3707-3716.	1.2	106
51	Cholesterol Depletion Induces Solid-like Regions in the Plasma Membrane. <i>Biophysical Journal</i> , 2006, 90, 927-938.	0.2	105
52	Cholesterol \sim Phospholipid Complexes in Membranes. <i>Journal of the American Chemical Society</i> , 1999, 121, 486-487.	6.6	103
53	Surface dipole densities in lipid monolayers. <i>The Journal of Physical Chemistry</i> , 1993, 97, 6686-6691.	2.9	102
54	Negative Nuclear Spin \sim Spin Coupling Constants for Aromatic Protons. <i>Journal of Chemical Physics</i> , 1959, 30, 126-128.	1.2	99

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55	Multiple phase equilibria in binary mixtures of phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 509, 462-473.	1.4	91
56	Quantized symmetry of liquid monolayer domains. <i>The Journal of Physical Chemistry</i> , 1993, 97, 9532-9539.	2.9	91
57	Potentiometric Measurement of Intracellular Redox Activity. <i>Journal of the American Chemical Society</i> , 1998, 120, 2464-2473.	6.6	90
58	Harmonic shape transitions in lipid monolayer domains. <i>The Journal of Physical Chemistry</i> , 1990, 94, 4728-4731.	2.9	89
59	Lateral phase separations and perpendicular transport in membranes. <i>Biochemical and Biophysical Research Communications</i> , 1973, 55, 484-491.	1.0	88
60	Spin-labeled hemoglobin derivatives in solution, polycrystalline suspension, and single crystals. <i>Biochemistry</i> , 1969, 8, 2580-2585.	1.2	87
61	THE FLEXIBILITY GRADIENT IN BIOLOGICAL MEMBRANES*. <i>Annals of the New York Academy of Sciences</i> , 1972, 195, 207-217.	1.8	86
62	Spin Densities in the Perinaphthenyl Free Radical. <i>Journal of Chemical Physics</i> , 1958, 28, 51-53.	1.2	84
63	Calculation of paramagnetic resonance spectra sensitive to very slow rotational motion. <i>Chemical Physics Letters</i> , 1974, 25, 470-475.	1.2	84
64	Condensed Complexes and the Calorimetry of Cholesterol-Phospholipid Bilayers. <i>Biophysical Journal</i> , 2001, 81, 2774-2785.	0.2	83
65	Structural and dynamical aspects of membrane immunochemistry using model membranes. <i>Biochemistry</i> , 1977, 16, 1209-1217.	1.2	80
66	Induction of helical liposomes by Ca ²⁺ -mediated intermembrane binding. <i>Nature</i> , 1982, 296, 164-165.	13.7	80
67	Critical shape transitions of monolayer lipid domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 6445-6448.	3.3	80
68	Spin-Orbit Coupling in Orbitally Degenerate States of Aromatic Ions. <i>Journal of Chemical Physics</i> , 1961, 34, 13-16.	1.2	79
69	Paramagnetic Excitons in Solid Free Radicals. <i>Journal of Chemical Physics</i> , 1962, 36, 2393-2397.	1.2	79
70	Regulation of membrane flexibility in human erythrocytes. <i>Biochemistry</i> , 1975, 14, 2798-2803.	1.2	79
71	Negative Spin Densities in Aromatic Radicals. <i>Journal of Chemical Physics</i> , 1957, 27, 984-985.	1.2	78
72	Saturated Phospholipids with High Melting Temperatures Form Complexes with Cholesterol in Monolayers. <i>Journal of Physical Chemistry B</i> , 2000, 104, 7522-7527.	1.2	75

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73	Rotational correlation time of spin-labeled $\hat{\pm}$ -chymotrypsin. <i>Biochemical and Biophysical Research Communications</i> , 1972, 46, 321-327.	1.0	70
74	Dynamic properties of binary mixtures of phosphatidylcholines and cholesterol. <i>Biochemistry</i> , 1980, 19, 569-573.	1.2	70
75	Rates of Paramagnetic Pulse Reactions by Nuclear Magnetic Resonance. <i>Journal of Chemical Physics</i> , 1957, 27, 230-234.	1.2	68
76	Theory of Paramagnetic Excitons in Solid Free Radicals. <i>Journal of Chemical Physics</i> , 1962, 37, 794-798.	1.2	67
77	Magnetic resonance of a monoclonal anti-spin-label antibody. <i>Biochemistry</i> , 1984, 23, 1138-1142.	1.2	67
78	Study of Molecular Orbital Degeneracy in C ₅ H ₅ . <i>Journal of Chemical Physics</i> , 1965, 42, 3931-3934.	1.2	65
79	A functional acetylcholine receptor in the human erythrocyte. <i>Biochemical and Biophysical Research Communications</i> , 1974, 57, 726-732.	1.0	63
80	Surface areas of lipid membranes. <i>Biochemistry</i> , 1978, 17, 837-840.	1.2	63
81	Structural Factors Contributing to DM Susceptibility of MHC Class II/Peptide Complexes. <i>Journal of Immunology</i> , 2002, 169, 5109-5117.	0.4	61
82	Stoichiometry of cholesterol $\hat{\epsilon}$ sphingomyelin condensed complexes in monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1511, 1-6.	1.4	59
83	Molecular Motion in Biological Membranes. , 1976, , 525-560.		57
84	Lateral diffusion of M-13 coat protein in mixtures of phosphatidylcholine and cholesterol. <i>Biochemistry</i> , 1980, 19, 5907-5911.	1.2	55
85	Relationship between kinetic stability and immunogenicity of HLA-DR4/peptide complexes. <i>European Journal of Immunology</i> , 2002, 32, 662.	1.6	54
86	Electronic Structure of Sodium $\hat{\epsilon}$ Ammonia Solutions by Nuclear Magnetic Resonance. <i>Journal of Chemical Physics</i> , 1957, 26, 1517-1522.	1.2	53
87	NMR technique for assessing contributions of heavy and light chains to an antibody combining site. <i>Nature</i> , 1985, 315, 65-67.	13.7	53
88	Free Rotation in Solids at 4.2 $\hat{\circ}$ K. <i>Journal of Chemical Physics</i> , 1958, 29, 1422-1422.	1.2	52
89	Spin Densities in Odd Alternant Hydrocarbon Radicals. <i>Journal of Chemical Physics</i> , 1960, 32, 176-181.	1.2	51
90	Circle to dogbone: shapes and shape transitions of lipid monolayer domains. <i>The Journal of Physical Chemistry</i> , 1993, 97, 13419-13424.	2.9	51

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91	Kinetics of the reactions between the invariant chain (85â€“99) peptide and proteins of the murine class II MHC. <i>International Immunology</i> , 1995, 7, 1397-1404.	1.8	51
92	Proton Resonance Shifts in Paramagnetic Metal Aromatic Complexes. <i>Journal of Chemical Physics</i> , 1958, 28, 749-750.	1.2	50
93	Equilibrium Thermodynamics of Lipid Monolayer Domains. <i>Langmuir</i> , 1996, 12, 4897-4904.	1.6	50
94	Conformational isomers of a class II MHC-peptide complex in solution. <i>Journal of Molecular Biology</i> , 1999, 286, 207-218.	2.0	49
95	Dirac Vector Model for Electron Coupled Nuclear Spin Interactions. <i>Journal of Chemical Physics</i> , 1955, 23, 2454-2454.	1.2	48
96	Theory of Singletâ€“Triplet Splittings in Large Biradicals. <i>Journal of Chemical Physics</i> , 1960, 33, 115-121.	1.2	48
97	Mono- and bilayers of phospholipids at interfaces: interlayer coupling and phase stability. <i>The Journal of Physical Chemistry</i> , 1985, 89, 3592-3595.	2.9	48
98	Kinetics of Peptide Binding to the Class II MHC Protein Iâ€“Ekâ€. <i>Biochemistry</i> , 2000, 39, 1048-1058.	1.2	48
99	Kinetics of antibody-dependent binding of haptened phospholipid vesicles to a macrophage-related cell line. <i>Biochemistry</i> , 1980, 19, 5376-5386.	1.2	47
100	Miscibility Critical Pressures in Monolayers of Ternary Lipid Mixtures. <i>Biophysical Journal</i> , 2000, 79, 2033-2042.	0.2	46
101	Molecular Transfer of Nonequilibrium Nuclear Spin Magnetization. <i>Journal of Chemical Physics</i> , 1957, 26, 958-959.	1.2	45
102	The paramagnetic resonance spectra of spin labels in phospholipid membranes. <i>Journal of Magnetic Resonance</i> , 1974, 16, 1-28.	0.5	45
103	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> , 1980, 19, 5387-5394.	1.2	45
104	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> , 1998, 187, 1505-1516.	4.2	45
105	Motion of Localized Triplet Excitons. <i>Journal of Chemical Physics</i> , 1965, 43, 3780-3794.	1.2	43
106	States of hemoglobin in solution. <i>Biochemistry</i> , 1972, 11, 4792-4799.	1.2	42
107	Liquid-liquid immiscibility in lipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1329, 7-11.	1.4	39
108	Effect of a magnetic field on phospholipid membranes. <i>Chemical Physics Letters</i> , 1974, 24, 310-313.	1.2	37

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109	Hydrogen atom exchange between nitroxides and hydroxylamines. <i>Journal of the American Chemical Society</i> , 1979, 101, 3592-3595.	6.6	37
110	Distances of tyrosine residues from a spin-label hapten in the combining site of a specific monoclonal antibody. <i>Biochemistry</i> , 1984, 23, 5372-5375.	1.2	36
111	Note on the theory of the sizes and shapes of lipid domains in monolayers. <i>The Journal of Physical Chemistry</i> , 1992, 96, 7101-7103.	2.9	35
112	Paramagnetic Resonance of Cycloheptatrienyl. <i>Journal of Chemical Physics</i> , 1962, 37, 1150-1151.	1.2	33
113	Field-gradient electrophoresis of lipid domains. <i>The Journal of Physical Chemistry</i> , 1993, 97, 2962-2966.	2.9	32
114	Carbon-13 Hyperfine Splitting in CH(COOH) ₂ . <i>Journal of Chemical Physics</i> , 1959, 31, 1688-1689.	1.2	31
115	A Thermodynamic Model for Extended Complexes of Cholesterol and Phospholipid. <i>Biophysical Journal</i> , 2002, 83, 2039-2052.	0.2	31
116	Phase equilibria in binary mixtures of dimyristoylphosphatidylcholine and cardiolipin. <i>Biochemistry</i> , 1981, 20, 6635-6640.	1.2	30
117	Kinetic Isomers of a Class II MHC~Peptide Complex. <i>Biochemistry</i> , 1998, 37, 17371-17380.	1.2	30
118	Formation of Two Peptide/MHC II Isomers Is Catalyzed Differentially by HLA-DM. <i>Biochemistry</i> , 2003, 42, 838-847.	1.2	29
119	Clustering of nitroxide spin labels in lipid bilayer membranes. <i>Journal of the American Chemical Society</i> , 1977, 99, 1637-1642.	6.6	28
120	Formation and Dissociation of Short-Lived Class II MHC-Peptide Complexes. <i>Biochemistry</i> , 1994, 33, 1861-1868.	1.2	28
121	Thermal Dissociation of Condensed Complexes of Cholesterol and Phospholipid. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4755-4762.	1.2	28
122	Triplet Excitons in Morpholinium TCNQ. <i>Journal of Chemical Physics</i> , 1965, 43, 497-498.	1.2	27
123	Kinetics of phase equilibrium in a binary mixture of phospholipids. <i>Journal of the American Chemical Society</i> , 1976, 98, 1314-1318.	6.6	27
124	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> , 1978, 308, 124-138.	1.8	27
125	Covalent linkage of a synthetic peptide to a fluorescent phospholipid and its incorporation into supported phospholipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 772, 10-19.	1.4	27
126	The Biradical Paradox. <i>Journal of Chemical Physics</i> , 1960, 33, 1868-1869.	1.2	26

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127	Spin-spin interactions between spin-labeled phospholipids incorporated into membranes. <i>Journal of Magnetic Resonance</i> , 1973, 9, 474-485.	0.5	26
128	Binding of cytotoxic T-lymphocytes to supported lipid monolayers containing trypsinized H-2Kk. <i>Molecular Immunology</i> , 1983, 20, 1227-1231.	1.0	26
129	Molecular Transfer of Nonequilibrium Nuclear Spin Magnetization. <i>Journal of Chemical Physics</i> , 1959, 31, 85-88.	1.2	25
130	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> , 1991, 221, 257-270.	2.0	24
131	Molecular Modeling and Design of Invariant Chain Peptides with Altered Dissociation Kinetics from Class II MHC. <i>Biochemistry</i> , 1996, 35, 14734-14742.	1.2	24
132	Antiparallel Spin Polarization in Triplet States. <i>Journal of Chemical Physics</i> , 1961, 35, 1520-1521.	1.2	23
133	Cloverleaf Monolayer Domains. <i>Journal of Physical Chemistry B</i> , 1997, 101, 381-388.	1.2	23
134	Lateral Reorganization of Fluid Lipid Membranes in Response to the Electric Field Produced by a Buried Charge. <i>Journal of Physical Chemistry B</i> , 2000, 104, 11409-11415.	1.2	23
135	Kinetics of the Reaction of a Myelin Basic Protein Peptide with Soluble IAu. <i>Biochemistry</i> , 1995, 34, 14874-14878.	1.2	22
136	Electric Field Effects in Multicomponent Fluid Lipid Membranes. <i>Journal of Physical Chemistry B</i> , 2000, 104, 119-124.	1.2	22
137	Phonon-Coupled Interactions between Paramagnetic Excitons. <i>Journal of Chemical Physics</i> , 1964, 40, 586-588.	1.2	21
138	Reactions of Peptides with Class II Proteins of the Major Histocompatibility Complex. <i>Journal of the American Chemical Society</i> , 1995, 117, 10429-10433.	6.6	21
139	Spin Density Matrix for the Allyl Radical. <i>Journal of Chemical Physics</i> , 1958, 29, 244-245.	1.2	20
140	Specific antibody-dependent activation of neutrophils by liposomes containing spin-label lipid haptens. <i>Biochemical and Biophysical Research Communications</i> , 1979, 86, 522-528.	1.0	20
141	Zero Field Splittings in Atomic Nitrogen at 4.2 K. <i>Journal of Chemical Physics</i> , 1958, 29, 451-451.	1.2	19
142	Monoclonal antibodies to a nitroxide lipid hapten. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1982, 721, 30-38.	1.9	19
143	Critical points in charged membranes containing cholesterol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13391-13396.	3.3	19
144	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> , 1973, 222, 489-498.	1.8	18

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145	Nonaromatic amino acids in the combining site region of a monoclonal anti-spin-label antibody. <i>Biochemistry</i> , 1984, 23, 6470-6473.	1.2	17
146	Cytochemical study of macrophage lysosomal inorganic trimetaphosphatase and acid phosphatase. <i>Journal of Ultrastructure Research</i> , 1985, 90, 80-88.	1.4	17
147	Mechanism of peptide release from major histocompatibility complex class II molecules. <i>Journal of the American Chemical Society</i> , 1992, 114, 9680-9682.	6.6	17
148	Spin-label determination of enzyme symmetry. <i>The Journal of Physical Chemistry</i> , 1967, 71, 12-14.	2.9	16
149	Spin label orientation at the active site of \hat{I}^2 -chymotrypsin in single crystals. <i>Biochemical and Biophysical Research Communications</i> , 1971, 43, 651-657.	1.0	16
150	Photochemical reaction of alkylpentacyanocobaltates with nitroxides. A new biophysical tool. <i>Journal of the American Chemical Society</i> , 1977, 99, 7091-7092.	6.6	16
151	Cytochemical study of liposome and lipid vesicle phagocytosis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 735, 77-85.	1.4	16
152	pH Stability of HLA-DR4 Complexes with Antigenic Peptides. <i>Biochemistry</i> , 2000, 39, 14558-14566.	1.2	16
153	Peptide Binding to Active Class II MHC Protein on the Cell Surface. <i>Journal of Immunology</i> , 2001, 166, 6680-6685.	0.4	16
154	Superoxide enhances photobleaching during cellular immune attack against fluorescent lipid monolayer membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 772, 20-28.	1.4	15
155	Binding of triphosphate spin labels to hemoglobin kempsey. <i>Biochemical and Biophysical Research Communications</i> , 1972, 47, 157-165.	1.0	14
156	Interpretation of Biphasic Dissociation Kinetics for Isomeric Class II Major Histocompatibility Complex-Peptide Complexes. <i>Biophysical Journal</i> , 1999, 77, 2451-2461.	0.2	14
157	Two fatty acids can replace one phospholipid in condensed complexes with cholesterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1564, 1-4.	1.4	14
158	Erratum and Further Comments: Radiation Damage in Organic Crystals. III. Long Polyene Radicals. <i>Journal of Chemical Physics</i> , 1962, 37, 3008-3008.	1.2	13
159	A new spin-labeled substrate for \hat{I}^2 -galactosidase and \hat{I}^2 -galactoside permease. <i>Biochemical and Biophysical Research Communications</i> , 1972, 49, 1631-1637.	1.0	13
160	Site-Directed Mutagenesis and ^1H Nuclear Magnetic Resonance of an Anti-Dinitrophenyl Spin Label Antibody. <i>Journal of Molecular Biology</i> , 1994, 244, 301-318.	2.0	13
161	Isomeric Complexes of Peptides with Class II Proteins of the Major Histocompatibility Complex. <i>Journal of the American Chemical Society</i> , 1996, 118, 977-980.	6.6	13
162	Comments on "Theory of Isotropic Hyperfine Interactions in \hat{I}^2 Electron Radicals". <i>Journal of Chemical Physics</i> , 1958, 28, 991-992.	1.2	12

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163	Binding of antibodies to nitroxide spin labels and to the corresponding hydroxylamines. <i>Biochemical and Biophysical Research Communications</i> , 1976, 73, 248-254.	1.0	12
164	Critical pressures in multicomponent lipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1280, 169-172.	1.4	12
165	X-ray Scattering by Triplet Excitons. <i>Journal of Chemical Physics</i> , 1965, 43, 4126-4129.	1.2	11
166	2. Nitroxide Spin Labels. <i>Methods in Experimental Physics</i> , 1982, , 53-122.	0.1	11
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