Harden M Mcconnell

List of Publications by Year
in descending order

199 papers	24,043 citations	10351 72 h-index	7136 153 g-index
203 all docs	203 docs citations	203 times ranked	8902 citing authors

#	Article	IF	Citations
1	Understanding Membranes. ACS Chemical Biology, 2008, 3, 265-267.	1.6	9
2	Dynamic Properties of Membranes; Membrane Immunochemistry. Advances in Chemical Physics, 2007, , 249-285.	0.3	3
3	Cholesterol Depletion Induces Solid-like Regions in the Plasma Membrane. Biophysical Journal, 2006, 90, 927-938.	0.2	105
4	Cholesterol Depletion Suppresses the Translational Diffusion of Class II Major Histocompatibility Complex Proteins in the Plasma Membrane. Biophysical Journal, 2005, 88, 334-347.	0.2	118
5	Cytokines elicited by T cell epitopes from a synovial autoantigen: Altered peptide ligands can reduce interferon-Î³ and interleukin-10 production. Arthritis and Rheumatism, 2003, 48, 2375-2385.	6.7	6
6	Liquid-Liquid Immiscibility in Membranes. Annual Review of Biophysics and Biomolecular Structure, 2003, 32, 469-492.	18.3	248
7	Formation of Two Peptide/MHC II Isomers Is Catalyzed Differentially by HLA-DMâ€. Biochemistry, 2003, 42, 838-847.	1.2	29
8	Condensed complexes of cholesterol and phospholipids. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1610, 159-173.	1.4	376
9	Structural Factors Contributing to DM Susceptibility of MHC Class II/Peptide Complexes. Journal of Immunology, 2002, 169, 5109-5117.	0.4	61
10	Critical points in charged membranes containing cholesterol. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13391-13396.	3.3	19
11	Thermal Dissociation of Condensed Complexes of Cholesterol and Phospholipid. Journal of Physical Chemistry B, 2002, 106, 4755-4762.	1.2	28
12	Two fatty acids can replace one phospholipid in condensed complexes with cholesterol. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1564, 1-4.	1.4	14
13	A Thermodynamic Model for Extended Complexes of Cholesterol and Phospholipid. Biophysical Journal, 2002, 83, 2039-2052.	0.2	31
14	Translational Diffusion of Individual Class II MHC Membrane Proteinsin Cells. Biophysical Journal, 2002, 83, 2681-2692.	0.2	255
15	Relationship between kinetic stability and immunogenicity of HLA-DR4/peptide complexes. European Journal of Immunology, 2002, 32, 662.	1.6	54
16	Condensed Complexes and the Calorimetry of Cholesterol-Phospholipid Bilayers. Biophysical Journal, 2001, 81, 2774-2785.	0.2	83
17	Stoichiometry of cholesterolâ€“sphingomyelin condensed complexes in monolayers. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1511, 1-6.	1.4	59
18	Kinetics of Registry Selection of Chimeric Peptides Binding to MHC IIâ€. Biochemistry, 2001, 40, 10284-10292.	1.2	4

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19	Peptide Binding to Active Class II MHC Protein on the Cell Surface. Journal of Immunology, 2001, 166, 6680-6685.	0.4	16
20	Multiple cholesterolâ€“phospholipid complexes in membranes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 171, 13-23.	2.3	7
21	Miscibility Critical Pressures in Monolayers of Ternary Lipid Mixtures. Biophysical Journal, 2000, 79, 2033-2042.	0.2	46
22	Chemical Activity of Cholesterol in Membranesâ€. Biochemistry, 2000, 39, 8119-8124.	1.2	157
23	Coupling of Size and Shape Equilibration in Lipid Monolayer Domains. Journal of Physical Chemistry B, 2000, 104, 1657-1662.	1.2	6
24	Kinetics of Peptide Binding to the Class II MHC Protein Iâ^'Ekâ€. Biochemistry, 2000, 39, 1048-1058.	1.2	48
25	Electric Field Effects in Multicomponent Fluid Lipid Membranes. Journal of Physical Chemistry B, 2000, 104, 119-124.	1.2	22
26	pH Stability of HLA-DR4 Complexes with Antigenic Peptides. Biochemistry, 2000, 39, 14558-14566.	1.2	16
27	Phase Behavior of Multicomponent Phospholipid Mixtures with Cholesterol. Journal of Physical Chemistry B, 2000, 104, 9918-9928.	1.2	9
28	Saturated Phospholipids with High Melting Temperatures Form Complexes with Cholesterol in Monolayers. Journal of Physical Chemistry B, 2000, 104, 7522-7527.	1.2	75
29	Lateral Reorganization of Fluid Lipid Membranes in Response to the Electric Field Produced by a Buried Charge. Journal of Physical Chemistry B, 2000, 104, 11409-11415.	1.2	23
30	Stripe Phases in Lipid Monolayers near a Miscibility Critical Point. Physical Review Letters, 1999, 82, 1602-1605.	2.9	107
31	Condensed Complexes of Cholesterol and Phospholipids. Biophysical Journal, 1999, 77, 1507-1517.	0.2	221
32	Interpretation of Biphasic Dissociation Kinetics for Isomeric Class II Major Histocompatibility Complex-Peptide Complexes. Biophysical Journal, 1999, 77, 2451-2461.	0.2	14
33	Cholesterolâ^'Phospholipid Complexes in Membranes. Journal of the American Chemical Society, 1999, 121, 486-487.	6.6	103
34	Conformational isomers of a class II MHC-peptide complex in solution. Journal of Molecular Biology, 1999, 286, 207-218.	2.0	49
35	Initiation of Signal Transduction through the T Cell Receptor Requires the Multivalent Engagement of Peptide/MHC Ligands. Immunity, 1998, 9, 459-466.	6.6	349
36	Formation of a Highly Peptide-Receptive State of Class II MHC. Immunity, 1998, 9, 699-709.	6.6	126

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37	Kinetic Isomers of a Class II MHCâ^'Peptide Complex. Biochemistry, 1998, 37, 17371-17380.	1.2	30
38	Hydrodynamics of Domain Size Equilibration in Monolayers. Journal of Physical Chemistry B, 1998, 102, 6927-6931.	1.2	10
39	Potentiometric Measurement of Intracellular Redox Activity. Journal of the American Chemical Society, 1998, 120, 2464-2473.	6.6	90
40	Evidence That the Autoimmune Antigen Myelin Basic Protein (MBP) Ac1-9 Binds Towards One End of the Major Histocompatibility Complex (MHC) Cleft. Journal of Experimental Medicine, 1998, 187, 1505-1516.	4.2	45
41	Kinetics and Extent of T Cell Activation as Measured with the Calcium Signal. Journal of Experimental Medicine, 1997, 185, 1815-1825.	4.2	161
42	Cloverleaf Monolayer Domains. Journal of Physical Chemistry B, 1997, 101, 381-388.	1.2	23
43	Liquid-liquid immiscibility in lipid monolayers. Biochimica Et Biophysica Acta - Biomembranes, 1997, 1329, 7-11.	1.4	39
44	Molecular Modeling and Design of Invariant Chain Peptides with Altered Dissociation Kinetics from Class II MHCâ€. Biochemistry, 1996, 35, 14734-14742.	1.2	24
45	Isomeric Complexes of Peptides with Class II Proteins of the Major Histocompatibility Complex. Journal of the American Chemical Society, 1996, 118, 977-980.	6.6	13
46	Equilibrium Thermodynamics of Lipid Monolayer Domains. Langmuir, 1996, 12, 4897-4904.	1.6	50
47	Critical pressures in multicomponent lipid monolayers. Biochimica Et Biophysica Acta - Biomembranes, 1996, 1280, 169-172.	1.4	12
48	Altered T Cell Receptor Ligands Trigger a Subset of Early T Cell Signals. Immunity, 1996, 5, 125-135.	6.6	155
49	Stripe Phase Hydrodynamics in Lipid Monolayers. The Journal of Physical Chemistry, 1996, 100, 7722-7728.	2.9	10
50	Book ReviewsÂForce of Nature, Linus Pauling, and Linus Pauling in His Own Words, reviewed by H. M. McConnell * Vignettes * Books Re ceived. Science, 1996, 271, 603-604.	6.0	3
51	Insight into Antibody Combining Sites Using Nuclear Magnetic Resonance and Spin Label Haptens. Advances in Protein Chemistry, 1996, 49, 135-148.	4.4	3
52	Three-phase intersection points in monolayers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1995, 102, 167-172.	2.3	5
53	Kinetics of the reactions between the invariant chain (85â€“99) peptide and proteins of the murine class II MHC. International Immunology, 1995, 7, 1397-1404.	1.8	51
54	Reactions of Peptides with Class II Proteins of the Major Histocompatibility Complex. Journal of the American Chemical Society, 1995, 117, 10429-10433.	6.6	21

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55	Kinetics of the Reaction of a Myelin Basic Protein Peptide with Soluble IAu. Biochemistry, 1995, 34, 14874-14878.	1.2	22
56	Inhibition of class II MHC-peptide complex formation by protease inhibitors. Journal of Immunological Methods, 1994, 173, 127-131.	0.6	0
57	Site-Directed Mutagenesis and 1H Nuclear Magnetic Resonance of an Anti-Dinitrophenyl Spin Label Antibody. Journal of Molecular Biology, 1994, 244, 301-318.	2.0	13
58	Formation and Dissociation of Short-Lived Class II MHC-Peptide Complexes. Biochemistry, 1994, 33, 1861-1868.	1.2	28
59	The kinetics of peptide reactions with class II major histocompatibility complex membrane proteins. Accounts of Chemical Research, 1993, 26, 442-448.	7.6	10
60	Surface dipole densities in lipid monolayers. The Journal of Physical Chemistry, 1993, 97, 6686-6691.	2.9	102
61	Circle to dogbone: shapes and shape transitions of lipid monolayer domains. The Journal of Physical Chemistry, 1993, 97, 13419-13424.	2.9	51
62	Field-gradient electrophoresis of lipid domains. The Journal of Physical Chemistry, 1993, 97, 2962-2966.	2.9	32
63	Anomalous kinetics in antibody-antigen interactions. The Journal of Physical Chemistry, 1993, 97, 3034-3039.	2.9	10
64	Quantized symmetry of liquid monolayer domains. The Journal of Physical Chemistry, 1993, 97, 9532-9539.	2.9	91
65	Note on the theory of the sizes and shapes of lipid domains in monolayers. The Journal of Physical Chemistry, 1992, 96, 7101-7103.	2.9	35
66	Mechanism of peptide release from major histocompatibility complex class II molecules. Journal of the American Chemical Society, 1992, 114, 9680-9682.	6.6	17
67	Antigenic peptide binding to the mouse major histocompatibility complex class II protein I-Ek. Peptide stabilization of the quarternary structure of I-Ek. Journal of the American Chemical Society, 1992, 114, 3506-3511.	6.6	11
68	Line tension between liquid domains in lipid monolayers. The Journal of Physical Chemistry, 1992, 96, 6820-6824.	2.9	186
69	Binding of truncated peptides to the MHC molecule IAd. FEBS Letters, 1991, 294, 244-246.	1.3	7
70	Structural and kinetic studies of the Fab fragment of a monoclonal anti-spin label antibody by nuclear magnetic resonance. Journal of Molecular Biology, 1991, 221, 257-270.	2.0	24
71	Harmonic shape transitions in lipid monolayer domains. The Journal of Physical Chemistry, 1990, 94, 4728-4731.	2.9	89
72	Monomolecular Films and Long-Range Dipole Forces. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1989, 176, 321-327.	0.3	0

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73	A kinetic intermediate in the reaction of an antigenic peptide and Iâ€“Ek. Nature, 1989, 337, 274-276.	13.7	134
74	Critical shape transitions of monolayer lipid domains. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 6445-6448.	3.3	80
75	Specificities of Germ Line Antibodies. , 1989, , 367-376.		0
76	Lineshape analysis of NMR difference spectra of an anti-spin-label antibody. Biochemistry, 1988, 27, 5161-5165.	1.2	7
77	Crystallization of an anti-2,2,6,6-tetramethyl-1-piperidinyloxy-dinitrophenyl monoclonal antibody Fab fragment with and without bound hapten. Journal of Molecular Biology, 1988, 203, 829-830.	2.0	9
78	Shapes of finite two-dimensional lipid domains. The Journal of Physical Chemistry, 1988, 92, 4520-4525.	2.9	233
79	Antigen Presentation by Supported Planar Membranes Containing Purified Major Histocompatibility Complex Proteins. , 1988, , 143-155.		1
80	Critical mixing in monolayer mixtures of phospholipid and cholesterol. The Journal of Physical Chemistry, 1987, 91, 1715-1718.	2.9	132
81	T-cell-mediated association of peptide antigen and major histocompatibility complex protein detected by energy transfer in an evanescent wave-field. Nature, 1986, 320, 179-181.	13.7	176
82	Diversity of Molecular Recognition: The Combining Sites of Monoclonal Anti Spin Label Antibodies. , 1986, , 87-91.		0
83	Mono- and bilayers of phospholipids at interfaces: interlayer coupling and phase stability. The Journal of Physical Chemistry, 1985, 89, 3592-3595.	2.9	48
84	NMR technique for assessing contributions of heavy and light chains to an antibody combining site. Nature, 1985, 315, 65-67.	13.7	53
85	Cholesterol stabilizes the crystal-liquid interface in phospholipid monolayers. The Journal of Physical Chemistry, 1985, 89, 4453-4459.	2.9	177
86	Cytochemical study of macrophage lysosomal inorganic trimetaphosphatase and acid phosphatase. Journal of Ultrastructure Research, 1985, 90, 80-88.	1.4	17
87	Two-dimensional chiral crystals of phospholipid. Nature, 1984, 310, 47-49.	13.7	341
88	Distances of tyrosine residues from a spin-label hapten in the combining site of a specific monoclonal antibody. Biochemistry, 1984, 23, 5372-5375.	1.2	36
89	Magnetic resonance of a monoclonal anti-spin-label antibody. Biochemistry, 1984, 23, 1138-1142.	1.2	67
90	Nonaromatic amino acids in the combining site region of a monoclonal anti-spin-label antibody. Biochemistry, 1984, 23, 6470-6473.	1.2	17

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91	Covalent linkage of a synthetic peptide to a fluorescent phospholipid and its incorporation into supported phospholipid monolayers. Biochimica Et Biophysica Acta - Biomembranes, 1984, 772, 10-19.	1.4	27
92	Superoxide enhances photobleaching during cellular immune attack against fluorescent lipid monolayer membranes. Biochimica Et Biophysica Acta - Biomembranes, 1984, 772, 20-28.	1.4	15
93	Binding of cytotoxic T-lymphocytes to supported lipid monolayers containing trypsinized H-2Kk. Molecular Immunology, 1983, 20, 1227-1231.	1.0	26
94	Cytochemical study of liposome and lipid vesicle phagocytosis. Biochimica Et Biophysica Acta - Biomembranes, 1983, 735, 77-85.	1.4	16
95	2. Nitroxide Spin Labels. Methods in Experimental Physics, 1982, , 53-122.	0.1	11
96	Monoclonal antibodies to a nitroxide lipid hapten. Biochimica Et Biophysica Acta - Molecular Cell Research, 1982, 721, 30-38.	1.9	19
97	The lateral mobility and surface distribution of Lyt-1, Lyt-2 and Lyt-3 on mouse thymocytes. Molecular Immunology, 1982, 19, 1481-1489.	1.0	8
98	Induction of helical liposomes by Ca2+-mediated intermembrane binding. Nature, 1982, 296, 164-165.	13.7	80
99	Phase equilibriums in binary mixtures of dimyristoylphosphatidylcholine and cardiolipin. Biochemistry, 1981, 20, 6635-6640.	1.2	30
100	Phase equilibriums in binary mixtures of phosphatidylcholine and cholesterol. Biochemistry, 1981, 20, 4505-4510.	1.2	243
101	Physical Properties of Lipid Monolayers on Alkylated Planar Glass Surfaces. Biophysical Journal, 1981, 36, 421-427.	0.2	145
102	Dynamic properties of binary mixtures of phosphatidylcholines and cholesterol. Biochemistry, 1980, 19, 569-573.	1.2	70
103	Kinetics of antibody-dependent activation of the first component of complement on lipid bilayer membranes. Biochemical and Biophysical Research Communications, 1980, 93, 235-242.	1.0	10
104	Lateral diffusion of M-13 coat protein in mixtures of phosphatidylcholine and cholesterol. Biochemistry, 1980, 19, 5907-5911.	1.2	55
105	Triggering of the macrophage and neutrophil respiratory burst by antibody bound to a spin-label phospholipid hapten in model lipid bilayer membranes. Biochemistry, 1980, 19, 5387-5394.	1.2	45
106	Kinetics of antibody-dependent binding of haptenated phospholipid vesicles to a macrophage-related cell line. Biochemistry, 1980, 19, 5376-5386.	1.2	47
107	Specific antibody-dependent activation of neutrophils by liposomes containing spin-label lipid haptens. Biochemical and Biophysical Research Communications, 1979, 86, 522-528.	1.0	20
108	Reactions of photoradicals with nitroxide spin labels. Journal of the American Chemical Society, 1979, 101, 3272-3277.	6.6	8

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109	Hydrogen atom exchange between nitroxides and hydroxylamines. Journal of the American Chemical Society, 1979, 101, 3592-3595.	6.6	37
110	MODEL LIPID BILAYER MEMBRANES AS TARGETS FOR ANTIBODY-DEPENDENT, CELLULAR- AND COMPLEMENT-MEDIATED IMMUNE ATTACK. Annals of the New York Academy of Sciences, 1978, 308, 124-138.	1.8	27
111	Surface areas of lipid membranes. Biochemistry, 1978, 17, 837-840.	1.2	63
112	Multiple phase equilibria in binary mixtures of phospholipids. Biochimica Et Biophysica Acta - Biomembranes, 1978, 509, 462-473.	1.4	91
113	Photochemical reaction of alkylpentacyanocobaltates with nitroxides. A new biophysical tool. Journal of the American Chemical Society, 1977, 99, 7091-7092.	6.6	16
114	Structural and dynamical aspects of membrane immunochemistry using model membranes. Biochemistry, 1977, 16, 1209-1217.	1.2	80
115	Clustering of nitroxide spin labels in lipid bilayer membranes. Journal of the American Chemical Society, 1977, 99, 1637-1642.	6.6	28
116	Lateral phase separations in binary mixtures of phospholipids having different charges and different crystalline structures. Biochimica Et Biophysica Acta - Biomembranes, 1977, 470, 303-316.	1.4	113
117	Kinetics of phase equilibrium in a binary mixture of phospholipids. Journal of the American Chemical Society, 1976, 98, 1314-1318.	6.6	27
118	Interactions of proteins and cholesterol with lipids in bilayer membranes. Biochimica Et Biophysica Acta - Biomembranes, 1976, 419, 206-222.	1.4	214
119	Binding of antibodies to nitroxide spin labels and to the corresponding hydroxylamines. Biochemical and Biophysical Research Communications, 1976, 73, 248-254.	1.0	12
120	Molecular Motion in Biological Membranes. , 1976, , 525-560.		57
121	Regulation of membrane flexibility in human erythrocytes. Biochemistry, 1975, 14, 2798-2803.	1.2	79
122	Phase separations in phospholipid membranes. Biochemistry, 1975, 14, 847-854.	1.2	331
123	Effect of a magnetic field on phospholipid membranes. Chemical Physics Letters, 1974, 24, 310-313.	1.2	37
124	Calculation of paramagnetic resonance spectra sensitive to very slow rotational motion. Chemical Physics Letters, 1974, 25, 470-475.	1.2	84
125	The paramagnetic resonance spectra of spin labels in phospholipid membranes. Journal of Magnetic Resonance, 1974, 16, 1-28.	0.5	45
126	Lateral phase separations in binary lipid mixtures: Correlation between spin label and freeze-fracture electron microscopic studies. Biochimica Et Biophysica Acta - Biomembranes, 1974, 363, 151-158.	1.4	122

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127	Lateral phase separations in Escherichia coli membranes. Biochimica Et Biophysica Acta - Biomembranes, 1974, 345, 220-230.	1.4	147
128	A functional acetylcholine receptor in the human erythrocyte. Biochemical and Biophysical Research Communications, 1974, 57, 726-732.	1.0	63
129	The effect of prostaglandins E1 and E2 on the human erythrocyte as monitored by spin labels. Biochemical and Biophysical Research Communications, 1974, 56, 478-483.	1.0	112
130	Spin-spin interactions between spin-labeled phospholipids incorporated into membranes. Journal of Magnetic Resonance, 1973, 9, 474-485.	0.5	26
131	TRIPHOSPHATE SPIN-LABEL STUDIES OF ALLOSTERIC INTERACTIONS IN HEMOGLOBIN. Annals of the New York Academy of Sciences, 1973, 222, 56-67.	1.8	5
132	THE USE OF SPIN LABELS FOR MEASURING DISTANCES IN BIOLOGICAL SYSTEMS. Annals of the New York Academy of Sciences, 1973, 222, 149-162.	1.8	10
133	EQUALITY OF THE RATES OF LATERAL DIFFUSION OF PHOSPHATIDYLETHANOLAMINE AND PHOSPHATIDYLCHOLINE SPIN LABELS IN RABBIT SARCOPLASMIC RETICULUM. Annals of the New York Academy of Sciences, 1973, 222, 489-498.	1.8	18
134	Lateral phase separation in phospholipid membranes. Biochemistry, 1973, 12, 2351-2360.	1.2	996
135	Lateral phase separations in binary mixtures of cholesterol and phospholipids. Biochemical and Biophysical Research Communications, 1973, 53, 446-451.	1.0	274
136	Lateral phase separations and perpendicular transport in membranes. Biochemical and Biophysical Research Communications, 1973, 55, 484-491.	1.0	88
137	Spin-label-induced nuclear relaxation. Distances between bound saccharides, histidine-15, and tryptophan-123 on lysozyme in solution. Biochemistry, 1972, 11, 3707-3716.	1.2	106
138	States of hemoglobin in solution. Biochemistry, 1972, 11, 4792-4799.	1.2	42
139	A new spin-labeled substrate for Î²-galactosidase and Î²-galactoside permease. Biochemical and Biophysical Research Communications, 1972, 49, 1631-1637.	1.0	13
140	Rotational correlation time of spin-labeled Îµ-chymotrypsin. Biochemical and Biophysical Research Communications, 1972, 46, 321-327.	1.0	70
141	Binding of triphosphate spin labels to hemoglobin kempsey. Biochemical and Biophysical Research Communications, 1972, 47, 157-165.	1.0	14
142	The fraction of the lipid in a biological membrane that is in a fluid state: A spin label assay. Biochemical and Biophysical Research Communications, 1972, 47, 273-281.	1.0	122
143	THE FLEXIBILITY GRADIENT IN BIOLOGICAL MEMBRANES*. Annals of the New York Academy of Sciences, 1972, 195, 207-217.	1.8	86
144	Inside-outside transitions of phospholipids in vesicle membranes. Biochemistry, 1971, 10, 1111-1120.	1.2	945

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145	Spin label orientation at the active site of Î±-chymotrypsin in single crystals. Biochemical and Biophysical Research Communications, 1971, 43, 651-657.	1.0	16
146	Molecular motion in spin-labeled phospholipids and membranes. Journal of the American Chemical Society, 1971, 93, 314-326.	6.6	1,643
147	Physics and chemistry of spin labels. Quarterly Reviews of Biophysics, 1970, 3, 91-136.	2.4	475
148	Motion of fatty acid spin labels in the plasma membrane of mycoplasma. Biochimica Et Biophysica Acta - Biomembranes, 1970, 219, 104-113.	1.4	166
149	Spin-labeled hemoglobin derivatives in solution, polycrystalline suspension, and single crystals. Biochemistry, 1969, 8, 2580-2585.	1.2	87
150	Spin-Labeled Membranes. Journal of General Physiology, 1969, 54, 277-286.	0.9	1
151	Spin-label determination of enzyme symmetry. The Journal of Physical Chemistry, 1967, 71, 12-14.	2.9	16
152	SPIN-LABELED PROTEIN CRYSTALS. , 1967, , 313-323.		4
153	Triplet Excitons in Morpholinium TCNQ. Journal of Chemical Physics, 1965, 43, 497-498.	1.2	27
154	Study of Molecular Orbital Degeneracy in C5H5. Journal of Chemical Physics, 1965, 42, 3931-3934.	1.2	65
155	Xâ€Ray Scattering by Triplet Excitons. Journal of Chemical Physics, 1965, 43, 4126-4129.	1.2	11
156	Motion of Localized Triplet Excitons. Journal of Chemical Physics, 1965, 43, 3780-3794.	1.2	43
157	Nitrogen Hyperfine Tensor and g Tensor of Nitroxide Radicals. Journal of Chemical Physics, 1965, 43, 2909-2910.	1.2	230
158	Interaction of the Radical Ion of Chlorpromazine with Deoxyribonucleic Acid. Journal of the American Chemical Society, 1965, 87, 2293-2293.	6.6	172
159	Pressure Effect on Exciton Magnetic Resonance. Journal of Chemical Physics, 1964, 41, 898-899.	1.2	10
160	Phononâ€Coupled Interactions between Paramagnetic Excitons. Journal of Chemical Physics, 1964, 40, 586-588.	1.2	21
161	Ferromagnetism in Solid Free Radicals. Journal of Chemical Physics, 1963, 39, 1910-1910.	1.2	805
162	Quantum States of a Triplet Exciton Gas. Journal of Chemical Physics, 1963, 39, 252-253.	1.2	8

#	Article	IF	Citations
163	Paramagnetic Resonance of Cycloheptatrienyl. Journal of Chemical Physics, 1962, 37, 1150-1151.	1.2	33
164	Theory of Paramagnetic Excitons in Solid Free Radicals. Journal of Chemical Physics, 1962, 37, 794-798.	1.2	67
165	Erratum and Further Comments: Radiation Damage in Organic Crystals. III. Long Polyene Radicals. Journal of Chemical Physics, 1962, 37, 3008-3008.	1.2	13
166	Paramagnetic Excitons in Solid Free Radicals. Journal of Chemical Physics, 1962, 36, 2393-2397.	1.2	79
167	Antiparallel Spin Polarization in Triplet States. Journal of Chemical Physics, 1961, 35, 1520-1521.	1.2	23
168	Intramolecular Charge Transfer in Aromatic Free Radicals. Journal of Chemical Physics, 1961, 35, 508-515.	1.2	976
169	CH2(COOH) in Malonic Acid. Journal of Chemical Physics, 1961, 35, 1910-1911.	1.2	9
170	Spinâ€Orbit Coupling in Orbitally Degenerate States of Aromatic Ions. Journal of Chemical Physics, 1961, 34, 13-16.	1.2	79
171	Paramagnetic Excitons in Molecular Crystals. Journal of Chemical Physics, 1961, 35, 1793-1800.	1.2	161
172	Theory of Singletâ€Triplet Splittings in Large Biradicals. Journal of Chemical Physics, 1960, 33, 115-121.	1.2	48
173	The Biradical Paradox. Journal of Chemical Physics, 1960, 33, 1868-1869.	1.2	26
174	Spin Densities in Odd Alternant Hydrocarbon Radicals. Journal of Chemical Physics, 1960, 32, 176-181.	1.2	51
175	Radiation Damage in Organic Crystals. II. Electron Spin Resonance of (CO2H)CH2CH(CO2H) in Î²â€Succinic Acid. Journal of Chemical Physics, 1960, 32, 1535-1539.	1.2	805
176	Carbonâ€13 Hyperfine Splitting in CH(COOH)2. Journal of Chemical Physics, 1959, 31, 1688-1689.	1.2	31
177	Molecular Transfer of Nonequilibrium Nuclear Spin Magnetization. Journal of Chemical Physics, 1959, 31, 85-88.	1.2	25
178	Negative Nuclear Spinâ€Spin Coupling Constants for Aromatic Protons. Journal of Chemical Physics, 1959, 30, 126-128.	1.2	99
179	Theory of anisotropic hyperfine interactions inÏ€-electron radicals. Molecular Physics, 1959, 2, 129-138.	0.8	476
180	Reaction Rates by Nuclear Magnetic Resonance. Journal of Chemical Physics, 1958, 28, 430-431.	1.2	1,469

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181	Spin Density Matrices for Paramagnetic Molecules. Journal of Chemical Physics, 1958, 28, 1188-1192.	1.2	194
182	Theory of Isotropic Hyperfine Interactions in Ï€â€Electron Radicals. Journal of Chemical Physics, 1958, 28, 107-117.	1.2	899
183	Zero Field Splittings in Atomic Nitrogen at 4.2Â°K. Journal of Chemical Physics, 1958, 29, 451-451.	1.2	19
184	Spin Densities in the Perinaphthenyl Free Radical. Journal of Chemical Physics, 1958, 28, 51-53.	1.2	84
185	Proton Resonance Shifts in Paramagnetic Metal Aromatic Complexes. Journal of Chemical Physics, 1958, 28, 749-750.	1.2	50
186	Spin Density Matrix for the Allyl Radical. Journal of Chemical Physics, 1958, 29, 244-245.	1.2	20
187	Free Rotation in Solids at 4.2Â°K. Journal of Chemical Physics, 1958, 29, 1422-1422.	1.2	52
188	Isotropic Nuclear Resonance Shifts. Journal of Chemical Physics, 1958, 29, 1361-1365.	1.2	717
189	Comments on ``Theory of Isotropic Hyperfine Interactions in Ï€â€Electron Radicals''. Journal of Chemical Physics, 1958, 28, 991-992.	1.2	12
190	Negative Spin Densities in Aromatic Radicals. Journal of Chemical Physics, 1957, 27, 984-985.	1.2	78
191	Rates of Paramagnetic Pulse Reactions by Nuclear Magnetic Resonance. Journal of Chemical Physics, 1957, 27, 230-234.	1.2	68
192	Theory of Nuclear Magnetic Shielding in Molecules. I. Longâ€Range Dipolar Shielding of Protons. Journal of Chemical Physics, 1957, 27, 226-229.	1.2	586
193	Electronic Structure of Sodiumâ€Ammonia Solutions by Nuclear Magnetic Resonance. Journal of Chemical Physics, 1957, 26, 1517-1522.	1.2	53
194	Molecular Transfer of Nonequilibrium Nuclear Spin Magnetization. Journal of Chemical Physics, 1957, 26, 958-959.	1.2	45
195	Contribution of Ï€-electrons to nuclear spin-spin coupling of aromatic protons. Journal of Molecular Spectroscopy, 1957, 1, 11-17.	0.4	115
196	Effect of Anisotropic Hyperfine Interactions on Paramagnetic Relaxation in Liquids. Journal of Chemical Physics, 1956, 25, 709-711.	1.2	358
197	Indirect Hyperfine Interactions in the Paramagnetic Resonance Spectra of Aromatic Free Radicals. Journal of Chemical Physics, 1956, 24, 764-766.	1.2	669
198	Electron Densities in Semiquinones by Paramagnetic Resonance. Journal of Chemical Physics, 1956, 24, 632-632.	1.2	302

#	Article	IF	Citations
199	Dirac Vector Model for Electron Coupled Nuclear Spin Interactions. Journal of Chemical Physics, 1955, 23, 2454-2454.	1.2	48