

Molecular motion in spin-labeled phospholipids and me

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Lipid spin labels in lecithin multilayers. A study of motion along fatty acid chains. <i>Journal of Molecular Biology</i> , 1971, 59, 77-98.	2.0	331
3	Phase transitions in sphingomyelin thin films a spin label study. <i>Biochemical and Biophysical Research Communications</i> , 1971, 45, 167-173.	1.0	23
4	A comparative study of cholesterol and a cholesterol-like ESR probe in pure and mixed monomolecular films. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1971, 241, 709-712.	1.4	15
5	Deuteron resonance: A novel approach to the study of hydrocarbon chain mobility in membrane systems. <i>FEBS Letters</i> , 1971, 16, 102-104.	1.3	120
6	Complex and cluster formation in mixed lecithincholesterol bilayers. Cooperativity of motion in lipid systems. <i>FEBS Letters</i> , 1971, 18, 326-330.	1.3	70
7	The use of NMR spectra of sonicated phospholipid dispersions in studies of interactions with the bilayer. <i>FEBS Letters</i> , 1971, 18, 331-334.	1.3	30
9	Bent Fatty Acid Chains in Lecithin Bilayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1971, 68, 1274-1278.	3.3	98
10	Spin-Label Electron Spin Resonance Study of the Lipid-Containing Membrane of Influenza Virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1971, 68, 2579-2583.	3.3	104
11	¹³ C NMR Spectra of Lecithin Vesicles and Erythrocyte Membranes. <i>Nature</i> , 1971, 233, 199-201.	13.7	136
12	A Spin Label Study of Sarcoplasmic Vesicles. <i>FEBS Journal</i> , 1971, 21, 17-21.	0.2	144
13	Angular dependent linewidths for a spin probe dissolved in a liquid crystal. <i>Molecular Physics</i> , 1972, 24, 1297-1311.	0.8	101
14	Membrane Transport. <i>Annual Review of Biochemistry</i> , 1972, 41, 777-814.	5.0	240
15	Molecular Organization in the Nematic and Smectic A Mesophases of 4- <i>n</i> -butyloxybenzylidene-4'-acetoaniline. <i>Molecular Crystals and Liquid Crystals</i> , 1972, 19, 179-187.	0.9	21
16	Molecular Organisation in the Smectic Mesophase of Ethyl 4-azoxybenzoate. <i>Molecular Crystals and Liquid Crystals</i> , 1972, 16, 179-184.	0.9	10
17	Existence of Phospholipid Bilayer Structure in the Inner Membrane of Mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1972, 69, 3412-3415.	3.3	18
18	Rapid Lateral Diffusion of Phospholipids in Rabbit Sarcoplasmic Reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1972, 69, 2056-2060.	3.3	214
19	Spin-Label Studies of Dynamics of Lipid Alkyl Chains in Biological Membranes: Role of Unsaturated Sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1972, 69, 1353-1357.	3.3	63
20	Preparation and Properties of Phospholipid Bilayers Containing Rhodopsin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1972, 69, 2617-2621.	3.3	246

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21	Molecular Mechanism for the Interaction of Phospholipid with Cholesterol. <i>Nature: New Biology</i> , 1972, 237, 42-44.	4.5	140
22	Molecular Organization of Photoreceptor Membranes of Rod Outer Segments. <i>Nature: New Biology</i> , 1972, 237, 99-102.	4.5	23
23	The study of hydrocarbon chain mobility in membrane systems using spin-label probes. <i>FEBS Letters</i> , 1972, 20, 344-346.	1.3	50
24	¹³ C NMR spectra of acholeplasma membranes containing ¹³ C labelled phospholipids. <i>FEBS Letters</i> , 1972, 21, 335-340.	1.3	64
25	Dynamics of lipids in membranes: Heterogeneity and the role of cholesterol. <i>FEBS Letters</i> , 1972, 23, 285-297.	1.3	517
26	¹³ C Nuclear magnetic relaxation times and models for chain motion in lecithin vesicles. <i>FEBS Letters</i> , 1972, 23, 203-207.	1.3	82
27	The localisation of small molecules in lipid bilayers. <i>FEBS Letters</i> , 1972, 24, 241-246.	1.3	143
28	The effect of side chain structure on the incorporation of steroids into lipid bilayers (liposomes). <i>FEBS Letters</i> , 1972, 27, 145-148.	1.3	8
29	Carbon-13 nuclear magnetic resonance spectroscopy of living cells and their metabolism of a specifically labeled ¹³ C substrate. <i>FEBS Letters</i> , 1972, 28, 259-264.	1.3	110
30	High resolution proton relaxation studies of lecithins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 255, 43-56.	1.4	163
31	Laser-Raman spectroscopic study of egg lecithin and egg lecithin-cholesterol mixtures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 290, 15-21.	1.4	106
32	Steroid-phosphatidylcholine interactions in oriented multibilayers – A spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 290, 22-31.	1.4	53
33	NMR Evidence for the hydrophobic interaction of local anaesthetics. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 290, 51-57.	1.4	86
34	A study of intact human erythrocytes and their ghosts using stearic acid spin labels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 266, 1-6.	1.4	32
35	Diffusion processes in lipid-water lamellar phases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 266, 72-84.	1.4	58
36	Raman active vibrations in long-chain fatty acids and phospholipid sonicates. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 282, 8-17.	1.4	176
37	Permeability properties of phospholipid membranes: Effect of cholesterol and temperature. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 266, 561-583.	1.4	308
38	The interrelationship of membrane and protein structure in the functioning of the (Na ⁺ +) Tj ETQq1 1 0.784314 rgBT ₄ /Overlock 10 Tf 50	1.4	54

#	ARTICLE	IF	CITATIONS
39	Mechanism of sonication of aqueous egg yolk lecithin dispersions and nature of the resultant particles. <i>Lipids and Lipid Metabolism</i> , 1972, 260, 49-58.	2.6	167
40	Isolation and characterization of the lipids of the sea anemone, <i>Metridium senile</i> . <i>Lipids and Lipid Metabolism</i> , 1972, 280, 538-544.	2.6	26
41	Influence of pH and cholesterol on the structure of phosphatidylethanolamine multibilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972, 266, 18-25.	1.4	31
42	Physical studies of membrane structure. <i>Progress in Biophysics and Molecular Biology</i> , 1972, 24, 1-74.	1.4	107
43	Carbon-13 and proton nuclear magnetic resonance relaxation measurements of the lipids of sarcoplasmic reticulum membranes. <i>Biochemistry</i> , 1972, 11, 2903-2909.	1.2	90
44	Lipid Bilayers and Biomembranes. <i>Annual Review of Biochemistry</i> , 1972, 41, 753-776.	5.0	254
45	A spin-label study of fractionated egg phosphatidyl choline vesicles. <i>Biochemical and Biophysical Research Communications</i> , 1972, 49, 641-648.	1.0	25
46	Biosynthesis of spin-labelled phospholipids. Enzymatic incorporation of spin-labelled stearic acid into phosphatidic acid. <i>Biochemical and Biophysical Research Communications</i> , 1972, 46, 114-119.	1.0	17
47	Anisotropic and restricted molecular motion in lecithin bilayers. <i>Biochemical and Biophysical Research Communications</i> , 1972, 46, 1488-1492.	1.0	53
48	Synthesis of spin labelled 2,4-dinitrophenols and their activities in the uncoupling of oxidative phosphorylation in rat liver mitochondria. <i>Biochemical and Biophysical Research Communications</i> , 1972, 48, 1273-1279.	1.0	4
49	Spin exchange of spin labeled probes in a natural membrane. <i>Biochemical and Biophysical Research Communications</i> , 1972, 48, 1362-1366.	1.0	15
50	Biosynthetic synthesis and isolation of phospholipid spinlabels from rat liver microsomes and mitochondria. <i>Biochemical and Biophysical Research Communications</i> , 1972, 48, 1495-1503.	1.0	16
51	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
52	Spin-labeled yeast cells. <i>Biochemical and Biophysical Research Communications</i> , 1972, 46, 926-932.	1.0	11
53	The effect of slow rotational motion on paramagnetic resonance spectra. <i>Chemical Physics Letters</i> , 1972, 13, 115-119.	1.2	247
54	Very slowly tumbling spin labels: adiabatic rapid passage. <i>Chemical Physics Letters</i> , 1972, 16, 568-572.	1.2	155
55	A moment analysis of EPR spectra of spin labelled fatty acids in oriented lecithin bilayers. <i>Chemical Physics Letters</i> , 1972, 16, 98-102.	1.2	2
56	Lipid mobility in <i>Acholeplasma</i> membranes using deuterium magnetic resonance. <i>Chemistry and Physics of Lipids</i> , 1972, 9, 69-81.	1.5	102

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57	The molecular basis of fluidity in membranes. Chemistry and Physics of Lipids, 1972, 8, 303-313.	1.5	27
58	¹³ C NMR studies of lipids in bilayers and membranes. Chemistry and Physics of Lipids, 1972, 8, 333-340.	1.5	16
59	Folding of Fatty Acid Chains in Liquid Crystalline Bilayers. Angewandte Chemie International Edition in English, 1972, 11, 920-922.	4.4	8
60	Faltung von Fettsäuren in flüssigkristallinen Doppelschichten. Angewandte Chemie, 1972, 84, 950-952.	1.6	7
61	Structure of the lipid phase of rauscher murine leukemia virus. Journal of Supramolecular Structure, 1972, 1, 50-54.	2.3	20
62	Magnetic resonance in ordered lecithin-cholesterol multilayers. Journal of Magnetic Resonance, 1972, 8, 133-143.	0.5	12
63	ESR measurements of the degree of order in nematic phase. Solid State Communications, 1972, 10, 985-988.	0.9	5
64	THE FLEXIBILITY GRADIENT IN BIOLOGICAL MEMBRANES*. Annals of the New York Academy of Sciences, 1972, 195, 207-217.	1.8	86
65	MONOLAYER STUDIES OF 3-NITROXIDE CHOLESTANE*. Annals of the New York Academy of Sciences, 1972, 195, 218-223.	1.8	20
66	Can fluorescent probes tell us anything about membranes?. BBA - Biomembranes, 1972, 265, 509-549.	7.9	237
67	A spin probe study of the influence of cholesterol on motion and orientation of phospholipids in oriented multibilayers and vesicles. Chemistry and Physics of Lipids, 1973, 10, 11-27.	1.5	175
68	Carbon-13 and proton nuclear magnetic resonance of unsonicated model and mitochondrial membranes. Chemistry and Physics of Lipids, 1973, 10, 37-50.	1.5	98
69	Lipid-protein and lipid-lipid interactions in cytochrome oxidase model membranes. Journal of Supramolecular Structure, 1973, 1, 269-280.	2.3	65
70	Lateral phase separations in membranes. Journal of Supramolecular Structure, 1973, 1, 285-294.	2.3	64
71	Spin probe ESR spectra in weakly anisotropic media. Chemical Physics Letters, 1973, 20, 534-537.	1.2	10
72	Simplified pathways for the preparation of some well-defined phosphoglycerides. Chemistry and Physics of Lipids, 1973, 11, 295-317.	1.5	45
73	Spin-labeling with nitroxide compounds. A new approach to the in vivo and in vitro study of lipid-protein interaction. Progress in Lipid Research, 1973, 13, 61-87.	1.1	3
74	Melting of the aliphatic chains in a solid to smectic-B transition. Physics Letters, Section A: General, Atomic and Solid State Physics, 1973, 45, 454-456.	0.9	25

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75	Binding at lipid surfaces: Nystatin. Journal of Colloid and Interface Science, 1973, 43, 530-538.	5.0	11
76	The molecular basis of mesomorphic phase transitions in phospholipid systems. Journal of Theoretical Biology, 1973, 38, 1-16.	0.8	39
77	Spin-spin interactions between spin-labeled phospholipids incorporated into membranes. Journal of Magnetic Resonance, 1973, 9, 474-485.	0.5	26
78	Vertebrate rod outer segment membranes. BBA - Biomembranes, 1973, 300, 255-288.	7.9	317
79	A summary and evaluation of spin labels used as probes for biological membrane structure. BBA - Biomembranes, 1973, 300, 379-419.	7.9	109
80	Membrane fusion. BBA - Biomembranes, 1973, 300, 421-465.	7.9	459
81	On the anatomy of amphotericin B-cholesterol pores in lipid bilayer membranes. Kidney International, 1973, 4, 337-345.	2.6	138
82	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
83	THE NONCOVALENT COUPLING OF RHODOPSIN and PHOSPHATIDYLCHOLINES. Annals of the New York Academy of Sciences, 1973, 222, 523-529.	1.8	5
84	MOLECULAR ARCHITECTURE OF BILAYER MEMBRANES. Annals of the New York Academy of Sciences, 1973, 222, 588-596.	1.8	9
85	SPIN-PROBE ANALYSIS OF MEMBRANE PERTURBATIONS PRODUCED BY CHEMICAL AND PHYSICAL AGENTS. Annals of the New York Academy of Sciences, 1973, 222, 640-667.	1.8	14
86	APPLICATION OF PROTON-ENHANCED NUCLEAR INDUCTION SPECTROSCOPY TO THE STUDY OF MEMBRANES. Annals of the New York Academy of Sciences, 1973, 222, 733-739.	1.8	9
87	Lateral phase separation in phospholipid membranes. Biochemistry, 1973, 12, 2351-2360.	1.2	996
88	Polyene antibiotic action on lecithin liposomes: Effect of cholesterol and fatty acyl chains. Biochemical and Biophysical Research Communications, 1973, 51, 972-978.	1.0	115
89	Clustering of lecithin molecules in phosphatidylserine membranes induced by calcium ion binding to phosphatidylserine. Biochemical and Biophysical Research Communications, 1973, 51, 132-138.	1.0	107
90	Lateral phase separations in binary mixtures of cholesterol and phospholipids. Biochemical and Biophysical Research Communications, 1973, 53, 446-451.	1.0	274
91	The effect of hydration of lecithin-water lamellar phases: A comparative study of solute diffusion and ESR spectroscopic measurements. Biochemical and Biophysical Research Communications, 1973, 50, 59-65.	1.0	10
92	Unusual solvent effects on the electron paramagnetic resonance spectra of oxovanadium(IV) and copper(II) \hat{I}^2 -diketonates. Journal of Inorganic and Nuclear Chemistry, 1973, 35, 2584-2588.	0.5	13

#	ARTICLE	IF	CITATIONS
93	A spin-label study of the role of phospholipids in the regulation of membrane-bound microsomal enzymes. <i>Journal of Molecular Biology</i> , 1973, 78, 351-362.	2.0	133
94	Temperature-induced transitions of function and structure in sarcoplasmic reticulum membranes. <i>Journal of Molecular Biology</i> , 1973, 81, 483-504.	2.0	242
95	Phase transitions in cells, membranes, and lipids of <i>Escherichia coli</i> . Detection by fluorescent probes, light scattering, and dilatometry. <i>Biochemistry</i> , 1973, 12, 2625-2634.	1.2	337
96	Dynamic behavior of fluorescent probes in lipid bilayer model membranes. <i>Biochemistry</i> , 1973, 12, 268-275.	1.2	124
97	Microviscosity and order in the hydrocarbon region of phospholipid and phospholipid-cholesterol dispersions determined with fluorescent probes. <i>Biochemistry</i> , 1973, 12, 521-528.	1.2	369
98	EPR spectra of spin labels in lipid bilayers. <i>Journal of Chemical Physics</i> , 1973, 59, 1841-1850.	1.2	125
99	Magnetic resonance studies on membrane and model membrane systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 298, 1-7.	1.4	47
100	The effect of the polar headgroup on the lipid-cholesterol interaction: A monolayer and differential scanning calorimetry study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 307, 1-19.	1.4	232
101	The opposing effects of pressure and general anaesthetics on the cation permeability of liposomes of varying lipid composition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 307, 42-57.	1.4	75
102	The interaction of a lytic peptide, melittin, with spin-labeled membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 291, 15-22.	1.4	31
103	Pure and mixed monomolecular films of 12-nitroxide stearate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 307, 279-286.	1.4	30
104	Lipid- and temperature-dependent structural changes in <i>Acholeplasma laidlawii</i> cell membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 323, 378-390.	1.4	122
105	A structural transition in egg lecithin-cholesterol bilayers at 12 Å°C. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 318, 299-305.	1.4	35
106	Effects of cholesterol on the infrared dichroism of phosphatide multibilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 330, 122-131.	1.4	36
107	Phase transitions in phospholipid vesicles Fluorescence polarization and permeability measurements concerning the effect of temperature and cholesterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 311, 330-348.	1.4	912
108	Spin labels as enzyme substrates Heterogeneous lipid distribution in liver microsomal membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 311, 400-408.	1.4	283
109	The effect of alterations in fatty acid composition and cholesterol content on the nonelectrolyte permeability of <i>Acholeplasma laidlawii</i> B cells and derived liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 298, 500-512.	1.4	187
110	Characterization of the lipid composition of squid rhabdome outer segments. <i>Lipids and Lipid Metabolism</i> , 1973, 306, 67-73.	2.6	37

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111	Structural requirements for the formation of ordered lipid multibilayersâ€”A spin probe study. Archives of Biochemistry and Biophysics, 1973, 159, 297-311.	1.4	22
112	Temperature- and light-dependent structural changes in rhodopsin-lipid membranes. Experimental Eye Research, 1973, 17, 517-532.	1.2	206
113	High resolution deuterium magnetic resonance - An approach to the study of molecular organization in biological membranes and model systems. FEBS Letters, 1973, 33, 281-285.	1.3	33
114	Pressure Reversal of Inhalation Anesthetic-Induced Disorder in Spin-Labeled Phospholipid Vesicles. Biochimica Et Biophysica Acta - Biomembranes, 1973, 291, 328-334.	1.4	86
115	A spin label study of E. coli membrane vesicles. Biochemical and Biophysical Research Communications, 1973, 53, 617-623.	1.0	18
116	Measurement of fast lateral diffusion of lipids in vesicles and in biological membranes by proton nuclear magnetic resonance. Biochemistry, 1973, 12, 1650-1659.	1.2	140
117	Role of lipid-phase transitions in the regulation of the (sodium + potassium ion)-dependent adenosinetriphosphatase. Biochemistry, 1973, 12, 2635-2637.	1.2	249
118	Lipid and fatty acid composition of frog photoreceptor outer segments. Biochemistry, 1973, 12, 2147-2150.	1.2	38
119	Lateral diffusion, protein mobility, and phase transitions in Escherichia coli membranes. Spin label study. Biochemistry, 1973, 12, 5360-5369.	1.2	145
120	Organization of the lipid phase in viral membranes. Effects of independent variation of the lipid and the protein composition. Biochemistry, 1973, 12, 4498-4502.	1.2	69
121	Untersuchungen Ã¼ber den EinfluÃŸ der Membranlipide auf die AktivitÃ¤t der NADH:SemidehydroascorbinsÃ¤ure-Oxidoreduktase (EC 1.6.5.4) von Rattenlebermikrosomen. Hoppe-Seyler's Zeitschrift fÃ¼r Physiologische Chemie, 1973, 354, 391-406.	1.7	10
122	Ion Binding in Liquid Crystals Studied by NMR V. Static Quadrupolar Effects for Alkali Nuclei. Molecular Crystals and Liquid Crystals, 1973, 22, 45-65.	0.9	31
123	The Mechanism of a Selective Permeation of Ions through â€œSolvent Polymeric Membranesâ€. Separation Science, 1973, 8, 33-44.	0.7	16
124	FLUIDITY OF THE SURFACE OF CULTURED MUSCLE FIBERS. Journal of Cell Biology, 1973, 57, 27-37.	2.3	159
125	Calculation of dipolar nuclear magnetic relaxation times in molecules with multiple internal rotations. Molecular Physics, 1973, 25, 497-514.	0.8	116
126	Vibrational Spectra of Liquid Crystals. VII. Infrared Spectra of Lecithinâ€”Phosphatidyl Serineâ€”Water Systems. Molecular Crystals and Liquid Crystals, 1973, 24, 53-58.	0.9	7
127	The Structure of a Cholesteric Mesophase Perturbed by a Magnetic Field. Molecular Crystals and Liquid Crystals, 1973, 20, 319-341.	0.9	25
128	Magnetic-Resonance Studies of the Molecular Motion of Lipids in Bilayers and Membranes. Biochemical Society Transactions, 1973, 1, 329-331.	1.6	1

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129	Resealing Properties of Biological Membranes. Nature: New Biology, 1973, 244, 143-146.	4.5	11
130	Electron Spin Resonance Studies of Spin-Labeled Mammalian Cells by Detection of Surface-Membrane Signals. Proceedings of the National Academy of Sciences of the United States of America, 1973, 70, 66-70.	3.3	93
131	Fusion of Phospholipid Vesicles with Viable <i>Acholeplasma laidlawii</i> . Proceedings of the National Academy of Sciences of the United States of America, 1973, 70, 1238-1240.	3.3	99
132	Solute-Solvent Interactions within the Nematic Mesophase. Molecular Crystals and Liquid Crystals, 1973, 19, 279-294.	0.9	22
133	Orientation and Motion of Amphiphilic Spin Labels in Hexagonal Lipid Phases. Proceedings of the National Academy of Sciences of the United States of America, 1973, 70, 1406-1409.	3.3	17
134	Lipid and Temperature Dependence of Membrane-Bound ATPase Activity of <i>Acholeplasma laidlawii</i> . Canadian Journal of Biochemistry, 1974, 52, 974-980.	1.4	26
135	An electron resonance investigation of molecular motion in the smectic A mesophase of a liquid crystal. Molecular Physics, 1974, 28, 49-68.	0.8	88
136	Nuclear Magnetic Relaxation and the Biological Membrane. , 1974, , 1-156.		23
137	A Spin Label Study of the Effects of Hydrostatic Pressure and Temperature on Cellular Lipids. Spectroscopy Letters, 1974, 7, 477-490.	0.5	10
138	Preparation and Use of Liposomes as Models of Biological Membranes. , 1974, , 1-68.		335
139	Structural and Functional Responses of Wheat Mitochondrial Membranes to Growth at Low Temperatures. Plant Physiology, 1974, 53, 426-433.	2.3	60
140	Title is missing!. Die Makromolekulare Chemie, 1974, 175, 43-48.	1.1	18
141	Assembly of lipids and proteins in <i>escherichia coli</i> membranes. Journal of Supramolecular Structure, 1974, 2, 646-669.	2.3	9
142	Effect of a magnetic field on phospholipid membranes. Chemical Physics Letters, 1974, 24, 310-313.	1.2	37
143	Rotation of fluorescent probes localized within lipid bilayer membranes. Chemistry and Physics of Lipids, 1974, 12, 117-131.	1.5	42
144	Shape of the hydrophobic barrier of phospholipid bilayers (Evidence for water penetration in) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.8 421		
145	Statistical mechanics of the fluidity of phospholipid bilayers and membranes. Journal of Membrane Biology, 1974, 18, 145-162.	1.0	76
146	Thermodynamic constants for nonelectrolyte partition between dimyristoyl lecithin and water. Journal of Membrane Biology, 1974, 17, 101-120.	1.0	195

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147	Interpretation of nonelectrolyte partition coefficients between dimyristoyl lecithin and water. <i>Journal of Membrane Biology</i> , 1974, 17, 121-154.	1.0	377
148	Routes of nonelectrolyte permeation across epithelial membranes. <i>Journal of Membrane Biology</i> , 1974, 17, 293-312.	1.0	114
149	Theoretical study of aliphatic chain structure in mono- and bilayers. <i>Chemistry and Physics of Lipids</i> , 1974, 12, 96-116.	1.5	55
150	Phospholipid vesicles (liposomes) as models for biological membranes: Their properties and interactions with cholesterol and proteins. <i>Progress in Surface Science</i> , 1974, 4, 141-232.	3.8	123
151	Evidence that mitogenic lectins induce changes in lymphocyte membrane fluidity. <i>Nature</i> , 1974, 249, 465-466.	13.7	136
152	General features of lipid organization. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1974, 47, 123-124.	0.9	54
153	Calculation of molecular motional correlation times from linewidths in nuclear magnetic resonance spectra of aggregated systems. Effect of particle size on spectra of phospholipid dispersions. <i>Journal of Magnetic Resonance</i> , 1974, 13, 76-86.	0.5	9
154	The paramagnetic resonance spectra of spin labels in phospholipid membranes. <i>Journal of Magnetic Resonance</i> , 1974, 16, 1-28.	0.5	45
155	ESR lineshapes in viscous liquids. 1. Relaxation Due to secular interactions: Principal line analysis. <i>Journal of Magnetic Resonance</i> , 1974, 14, 202-222.	0.5	3
156	Proton resonance in membrane model systems: Octyl ammonium chloride and potassium oleate in the oriented lamellar phase. <i>Journal of Magnetic Resonance</i> , 1974, 14, 251-259.	0.5	6
157	A model for phase transitions in lipid bilayers and biological membranes. <i>Journal of Theoretical Biology</i> , 1974, 46, 241-253.	0.8	38
158	Organisation of proteins in membranes with special reference to the cytochrome oxidase system. <i>BBA - Biomembranes</i> , 1974, 344, 307-344.	7.9	116
159	Model of interaction of polar lipids, cholesterol, and proteins in biological membranes. <i>Lipids</i> , 1974, 9, 645-650.	0.7	214
160	Synthesis of spin-labeled neutral lipids: Nitroxyl derivatives of triglycerides and sterol esters. <i>Lipids</i> , 1974, 9, 726-728.	0.7	7
161	Dynamics of Pyrene Fluorescence in Phospholipid Dispersions. <i>Radiation Research</i> , 1974, 60, 268.	0.7	29
162	Dynamic structure of lipid membranes. Carbon-13 nuclear magnetic resonance study using spin labels. <i>Biochemistry</i> , 1974, 13, 362-368.	1.2	114
163	Lipid interactions in membranes of extremely halophilic bacteria. I. Electron spin resonance and dilatometric studies of bilayer structure. <i>Biochemistry</i> , 1974, 13, 4906-4913.	1.2	44
164	Clusters in lipid bilayers and the interpretation of thermal effects in biological membranes. <i>Biochemistry</i> , 1974, 13, 3699-3705.	1.2	269

#	ARTICLE	IF	CITATIONS
165	Physical-chemical studies of phospholipids and poly(amino acids) interactions. <i>Biochemistry</i> , 1974, 13, 4375-4381.	1.2	31
166	Calcium-induced phase separations in phosphatidylserine-phosphatidylcholine membranes. <i>Biochemistry</i> , 1974, 13, 881-887.	1.2	368
167	Two pictures of a lipid bilayer. Comparison between deuterium label and spin-label experiments. <i>Biochemistry</i> , 1974, 13, 1585-1588.	1.2	183
168	The influence of rapid one-dimensional diffusion on the E.S.R. line shape. <i>Molecular Physics</i> , 1974, 27, 135-144.	0.8	1
169	Motional characteristics and distribution of protonated and anionic forms of spin-labeled 2,4-dinitrophenol in phospholipid bilayer membranes. <i>Biochemistry</i> , 1974, 13, 4948-4952.	1.2	9
170	Fluorescent probe analysis of the lipid architecture of natural and experimental cholesterol-rich membranes. <i>Biochemistry</i> , 1974, 13, 1589-1595.	1.2	156
171	Comparative electron spin resonance study of the erythrocyte membrane in myotonic muscular dystrophy. <i>Biochemistry</i> , 1974, 13, 5078-5082.	1.2	80
172	The influence of cholesterol on molecular motion in egg lecithin bilayers—A variable-frequency electron spin resonance study of a cholestane spin probe. <i>Archives of Biochemistry and Biophysics</i> , 1974, 163, 671-678.	1.4	41
173	The pH-dependence of ESR spectra from nitroxide probes in lecithin dispersions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 363, 127-133.	1.4	57
174	Pressure-induced elevation of phase transition temperature in dipalmitoylphosphatidylcholine bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 373, 436-443.	1.4	73
175	An interacting spin label study of lateral expansion in dipalmitoyllecithin-cholesterol bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 363, 373-386.	1.4	38
176	Ionic transport through model membranes. III. Contrasting effects of testosterone and 5- α -dihydrotestosterone. Dependence on temperature and bound water. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 373, 76-83.	1.4	1
177	Effect of chemical modifiers of passive permeability on the conformation of spin-labeled erythrocyte membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 373, 211-223.	1.4	25
178	Nonelectrolyte diffusion through lecithin-water lamellar phases and red-cell membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 339, 347-358.	1.4	16
179	Ca ²⁺ -induced lateral phase separations in phosphatidic acid-phosphatidylcholine membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 352, 29-37.	1.4	153
180	A new method for the demonstration of phase transitions in lipid films. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 345, 321-325.	1.4	4
181	Non-random distribution of cholesterol in phosphatidyl-choline bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 356, 1-7.	1.4	160
182	Theoretical analysis of the molecular motion of spin labels in membranes. ESR spectra of labeled <i>Bacillus subtilis</i> membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 339, 164-172.	1.4	23

#	ARTICLE	IF	CITATIONS
183	Structure and morphology of phosphatidylserine dispersions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 339, 10-29.	1.4	63
184	Lateral diffusion in the hydrophobic region of membranes: use of pyrene excimers as optical probes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1974, 339, 103-115.	1.4	376
185	Nanosecond fluorescence decay study of mitochondria and mitochondrial membranes. <i>Biochemical and Biophysical Research Communications</i> , 1974, 58, 1039-1046.	1.0	3
186	Dynamic structure of fatty acyl chains in a phospholipid bilayer measured by deuterium magnetic resonance. <i>Biochemistry</i> , 1974, 13, 4839-4845.	1.2	981
187	Difference in microviscosity induced by different cholesterol levels in the surface membrane lipid layer of normal lymphocytes and malignant lymphoma cells. <i>Journal of Molecular Biology</i> , 1974, 85, 603-615.	2.0	638
188	Chain motions in lipid-water and protein-lipid-water phases: A spin-label and X-ray diffraction study. <i>Journal of Molecular Biology</i> , 1974, 85, 279-300.	2.0	23
189	Effect of the viral proteins on the fluidity of the membrane lipids in Sindbis virus. <i>Journal of Molecular Biology</i> , 1974, 90, 343-358.	2.0	100
190	Pyrene. Probe of lateral diffusion in the hydrophobic region of membranes. <i>Biochemistry</i> , 1974, 13, 4000-4006.	1.2	302
191	Intramitochondrial intermembranal large amplitude protein movements. <i>Biochimie</i> , 1974, 56, 907-924.	1.3	33
192	Membrane fusion. Transfer of phospholipid molecules between phospholipid bilayer membranes. <i>Biochemical and Biophysical Research Communications</i> , 1974, 60, 1509-1516.	1.0	79
193	Theoretical study of spin-labelled aliphatic chains in bilayers. <i>Biochemical and Biophysical Research Communications</i> , 1974, 58, 433-436.	1.0	18
194	¹³ C NMR studies on bilayers formed from synthetic di-10-methyl-stearoyl phosphatidylcholine enriched with ¹³ C in the N-methyl carbons. <i>Biochemical and Biophysical Research Communications</i> , 1974, 60, 1141-1147.	1.0	11
195	A functional acetylcholine receptor in the human erythrocyte. <i>Biochemical and Biophysical Research Communications</i> , 1974, 57, 726-732.	1.0	63
196	Deuterium magnetic resonance studies of phospholipid bilayers. <i>Biochemical and Biophysical Research Communications</i> , 1974, 57, 406-411.	1.0	87
197	Non-electrolyte Probes of Membrane Structure in ADH-treated Toad Urinary Bladder. <i>Nature</i> , 1974, 247, 222-224.	13.7	37
198	³¹ P Nuclear Magnetic Resonance Spectroscopy of Native and Recombined Lipoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1974, 71, 549-553.	3.3	59
199	¹³ C Nuclear Magnetic Resonance Spectroscopy of Native and Recombined Lipoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1974, 71, 3701-3705.	3.3	37
200	Correlation between Thermal Death and Membrane Fluidity in <i>Bacillus stearothermophilus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1974, 71, 4111-4115.	3.3	66

#	ARTICLE	IF	CITATIONS
201	Electron Spin Resonance Studies of Erythrocytes from Patients with Myotonic Muscular Dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 909-913.	3.3	65
202	Differences in Membrane Fluidity and Structure in Contact-Inhibited and Transformed Cells. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 1992-1994.	3.3	65
203	Cholesterol as a Bioregulator in the Development and Inhibition of Leukemia. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 4229-4231.	3.3	130
204	Electron Diffraction of Wet Phospholipid Bilayers. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 5068-5072.	3.3	55
205	Fluidity and Order in the Hydrocarbon-Water Interface of Synthetic and Biological Micelles as Determined by Fluorescence Polarization. Israel Journal of Chemistry, 1974, 12, 879-890.	1.0	41
206	[17] Spin-label measurements in membranes. Methods in Enzymology, 1974, 32, 161-198.	0.4	77
207	Proton-Enhanced ¹³ C Nuclear Magnetic Resonance of Lipids and Biomembranes. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 5062-5067.	3.3	59
208	Lipid Binding to the Amphipathic Membrane Protein Cytochrome b5. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 2280-2284.	3.3	59
209	Translational Diffusion Coefficient and Partition Coefficient of a Spin-Labeled Solute in Lecithin Bilayer Membranes. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 474-478.	3.3	38
210	Homeoviscous Adaptation--A Homeostatic Process that Regulates the Viscosity of Membrane Lipids in Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 522-525.	3.3	1,338
211	Structural Chemistry of 1,2-Dilauroyl-DL-phosphatidylethanolamine: Molecular Conformation and Intermolecular Packing of Phospholipids. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 3036-3040.	3.3	389
212	Interaction of a spin-labeled long chain acylcholine with the cholinergic receptor protein in its membrane environment.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 1087-1091.	3.3	21
213	Fusion of dipalmitoylphosphatidylcholine vesicle membranes induced by concanavalin A.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 4409-4413.	3.3	71
214	A theory of the chain melting phase transition of aqueous phospholipid dispersions.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 3993-3997.	3.3	58
215	Conjugated polyene fatty acids as membrane probes: preliminary characterization.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 1649-1653.	3.3	150
216	Thermochemotherapy: synergism between hyperthermia (42-43 degrees) and adriamycin (of bleomycin) in mammalian cell inactivation.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 937-940.	3.3	439
217	Antigen mobility in membranes and complement-medical immune attack.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 2483-2487.	3.3	54
218	Effect of Temperature on Hemolysis of Human Erythrocytes Induced by Dilauroyllecithin. Journal of Biochemistry, 1975, 78, 431-434.	0.9	6

#	ARTICLE	IF	CITATIONS
219	Structural aspects of the membrane of the endoplasmic reticulum. BBA - Biomembranes, 1975, 415, 411-472.	7.9	337
220	Structural studies of the associations between biological membrane components. BBA - Biomembranes, 1975, 415, 1-28.	7.9	130
221	The molecular organization of chloroplast thylakoids. Biochimica Et Biophysica Acta - Reviews on Bioenergetics, 1975, 416, 191-235.	0.8	258
222	Heterogeneous lipid distribution in rod outer segment membranes: A spin label study. Experientia, 1975, 31, 799-801.	1.2	8
223	Fusion in phospholipid spherical membranes. Journal of Membrane Biology, 1975, 23, 385-401.	1.0	58
224	Bilayer structure in phospholipid-cytochrome c model membranes. Journal of Membrane Biology, 1975, 20, 155-170.	1.0	38
225	The permeability of liposomes to nonelectrolytes. Journal of Membrane Biology, 1975, 20, 205-234.	1.0	130
226	The permeability of liposomes to nonelectrolytes. Journal of Membrane Biology, 1975, 20, 235-268.	1.0	47
227	Structural Studies on the Combining Site of the Myeloma Protein MOPC 315. FEBS Journal, 1975, 53, 25-39.	0.2	37
228	Synthesis and polymerization of benzyl 2-(methacryloyloxy)ethyl hydrogen phosphate. Die Makromolekulare Chemie, 1975, 176, 1945-1951.	1.1	11
229	Synthesis and polymerization of 10-[bis(benzyloxy)phosphoryloxy]decyl methacrylate. Die Makromolekulare Chemie, 1975, 176, 2473-2478.	1.1	8
230	A novel synthesis of spin label derivatives of phosphatidylcholine. Analytical Biochemistry, 1975, 64, 289-292.	1.1	157
231	Internal molecular disorder in the nematic and smectic phases of thermotropic liquid crystals studied by NMR SPDE experiments. Chemical Physics Letters, 1975, 34, 63-68.	1.2	19
232	Investigation of lipid + water systems. Chemistry and Physics of Lipids, 1975, 15, 37-47.	1.5	1
233	An ESR spin label study of structural and dynamical properties of oriented lecithin-cholesterol multibilayers. Chemistry and Physics of Lipids, 1975, 14, 151-173.	1.5	29
234	³¹ P NMR of Phospholipid membranes: Effects of chemical and anisotropy at high magnetic field strengths. Journal of Magnetic Resonance, 1975, 20, 146-165.	0.5	23
236	Mammalian plasma membranes. Nature, 1975, 258, 43-49.	13.7	409
237	Fatty acid chain flexibility in the membranes of normal and transformed fibroblasts.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 664-668.	3.3	129

#	ARTICLE	IF	CITATIONS
238	Phenytoin and Membrane Fluidity in Myotonic Dystrophy. Archives of Neurology, 1975, 32, 535-538.	4.9	26
239	Some models for lipid bilayer and biomembrane phase transitions. Journal of Chemical Physics, 1975, 62, 1347-1353.	1.2	59
240	The Architecture of Biological and Artificial Membranes as Visualized by Freeze Etching. Annual Review of Physical Chemistry, 1975, 26, 101-122.	4.8	76
241	Spin relaxation for biradical spin probes in anisotropic environments. Molecular Physics, 1975, 30, 499-515.	0.8	21
242	Molecular organization within the nematic and smectic phases of 4- α -n-octyl and 4- α -n-octyloxy-4-cyanobiphenyl. Molecular Physics, 1975, 29, 1293-1296.	0.8	21
243	Genetic Modification of Membrane Lipid. Annual Review of Biochemistry, 1975, 44, 315-339.	5.0	131
244	Membrane structure and surface coat of Entamoeba histolytica. Topochemistry and dynamics of the cell surface: cap formation and microexudate.. Journal of Cell Biology, 1975, 64, 538-550.	2.3	93
245	Relationships between the Transition of the Physical Phase of Membrane Lipids and Photosynthetic Parameters in Anacystis nidulans and Lettuce and Spinach Chloroplasts. Plant Physiology, 1975, 56, 508-517.	2.3	132
246	Regulation of membrane flexibility in human erythrocytes. Biochemistry, 1975, 14, 2798-2803.	1.2	79
247	Interaction between spin-labeled acyl-coenzyme A and the mitochondrial adenosine diphosphate carrier. Biochemistry, 1975, 14, 1272-1280.	1.2	65
248	Synthesis of a new phosphatidylserine spin-label and calcium-induced lateral phase separation in phosphatidylserine-phosphatidylcholine membranes. Biochemistry, 1975, 14, 3064-3069.	1.2	111
249	Thermotropic lipid clustering in tetrahymena membranes. Biochemistry, 1975, 14, 3730-3735.	1.2	133
250	Spin-label study on fusion of red blood cells induced by hemagglutinating virus of Japan. Biochemistry, 1975, 14, 3736-3741.	1.2	112
251	Characterization of rhodopsin in synthetic systems. Accounts of Chemical Research, 1975, 8, 85-91.	7.6	33
252	Deuterium order parameters in relation to thermodynamic properties of a phospholipid bilayer. Statistical mechanical interpretation. Biochemistry, 1975, 14, 2283-2287.	1.2	309
253	Spin labels for cell surfaces. FEBS Letters, 1975, 60, 185-189.	1.3	26
254	Application of ^{31}P NMR to model and biological membrane systems. FEBS Letters, 1975, 57, 213-218.	1.3	126
255	Rotational correlation times and partition coefficients of a spin label solute in lecithin vesicles. Biochimica Et Biophysica Acta - Biomembranes, 1975, 406, 197-205.	1.4	10

#	ARTICLE	IF	CITATIONS
256	Fluorescence studies of chlorophyll α incorporated into lipid mixtures, and the interpretation of α -phase diagrams. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 413, 11-23.	1.4	96
257	The effect of pressure and the volume of activation on the monovalent cation and glucose permeabilities of liposomes of varying composition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 375, 286-291.	1.4	17
258	Investigations of thermotropic phase changes in peripheral nerve of frog and rat. A spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 394, 93-101.	1.4	9
259	Paramagnetic spin label interactions with the envelope of a group A arbovirus. Lipid organization. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 394, 102-110.	1.4	9
260	An EPR study of structural perturbations induced by 3-methylindole in the protein and lipid regions of erythrocyte membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 382, 534-541.	1.4	23
261	Chemically induced lipid phase separation in model membranes containing charged lipids: A spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 401, 509-529.	1.4	232
262	Molecular order in <i>Acholeplasma laidlawii</i> membranes as determined by deuterium magnetic resonance of biosynthetically-incorporated specifically-labelled lipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 401, 535-539.	1.4	62
263	Electron diffraction study of hydrated phospholipid single bilayers. Effects of temperature, hydration and surface pressure of the α -precursor monolayer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 382, 265-275.	1.4	99
264	Studies of a serum albumin-liposome complex as a model lipoprotein membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 375, 363-380.	1.4	9
265	The effects of the membrane-penetrating polypeptide segment of the human erythrocyte MN-glycoprotein on the permeability of model lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 382, 41-50.	1.4	26
266	Interaction of human plasma apolipoproteins and phospholipids. Semi-quantitative studies using polyacrylamide gel electrophoresis. <i>Lipids and Lipid Metabolism</i> , 1975, 398, 72-83.	2.6	11
267	The interaction of a proteolipid from sarcoplasmic reticulum membranes with phospholipids. A spin label study. <i>Archives of Biochemistry and Biophysics</i> , 1975, 170, 92-101.	1.4	24
268	The fluidity and organization of mitochondrial membrane lipids of the brown adipose tissue of cold-adapted rats and hamsters as determined by nitroxide spin probes. <i>Archives of Biochemistry and Biophysics</i> , 1975, 167, 505-518.	1.4	134
269	Phase transitions and fluidity characteristics of lipids and cell membranes. <i>Quarterly Reviews of Biophysics</i> , 1975, 8, 185-235.	2.4	748
270	Phase transitions in planar bilayer membranes. <i>Biophysical Journal</i> , 1975, 15, 95-117.	0.2	73
271	A glycosphingolipid spin label: Ca^{2+} effects on sphingolipid distribution in bilayers containing phosphatidyl serine. <i>Biochemical and Biophysical Research Communications</i> , 1975, 67, 1501-1506.	1.0	34
272	Photochemical study of the interaction of phenothiazine derivatives with spin labelled lecithin multibilayers. <i>Biochemical and Biophysical Research Communications</i> , 1975, 63, 515-521.	1.0	17
273	Protein mobility in membranes. <i>FEBS Letters</i> , 1975, 55, 1-7.	1.3	55

#	ARTICLE	IF	CITATIONS
274	Phase separations in phospholipid membranes. <i>Biochemistry</i> , 1975, 14, 847-854.	1.2	331
275	Diffusion in two dimensions: Comparison between diffusional fluorescence quenching in phospholipid vesicles and in isotropic solution. <i>Journal of Chemical Physics</i> , 1975, 63, 3661-3666.	1.2	52
276	Role of Cholesterol in Biomembranes and Related Systems. <i>Current Topics in Membranes and Transport</i> , 1975, , 1-57.	0.6	86
277	Enveloped viruses as model membrane systems: microviscosity of vesicular stomatitis virus and host cell membranes. <i>Biochemistry</i> , 1976, 15, 3563-3570.	1.2	108
278	Natural abundance carbon-13 nuclear magnetic resonance studies of bovine white matter and myelin. <i>Biochemistry</i> , 1976, 15, 5792-5799.	1.2	16
279	A $\hat{1}^2$ -coupled gauche kink description of the lipid bilayer phase transition. <i>Biochemistry</i> , 1976, 15, 2555-2561.	1.2	49
280	Membrane fluidity change in erythrocytes induced by complement system. <i>Biochemistry</i> , 1976, 15, 4838-4843.	1.2	14
281	Alterations in lipid acyl group composition and membrane structure in cells transformed by Rous sarcoma virus. <i>Biochemistry</i> , 1976, 15, 3212-3219.	1.2	46
282	Evidence for phase boundary lipid. Permeability of tempo-choline into dimyristoylphosphatidylcholine vesicles at the phase transition. <i>Biochemistry</i> , 1976, 15, 3570-3578.	1.2	226
283	Annular lipids determine the ATPase activity of a calcium transport protein complexed with dipalmitoyllecithin. <i>Biochemistry</i> , 1976, 15, 4145-4151.	1.2	330
284	Structure of an apolipoprotein-phospholipid complex: ApoC-III induced changes in the physical properties of dimyristoylphosphatidylcholine. <i>Biochemistry</i> , 1976, 15, 3176-3183.	1.2	40
285	Phospholipid exchange between bilayer membrane vesicles. <i>Biochemistry</i> , 1976, 15, 321-327.	1.2	180
286	Lipid Bilayers as Models of Biological Membranes. <i>BioScience</i> , 1976, 26, 436-443.	2.2	6
287	Modification of membrane lipid: physical properties in relation to fatty acid structure. <i>Biochemistry</i> , 1976, 15, 2986-2994.	1.2	97
288	Spin-labelled human platelets. <i>Thrombosis Research</i> , 1976, 8, 43-50.	0.8	10
289	Cholesterol inhibition of the temporary increase of membrane fluidity of lymphocytes induced by mitogenic lectins. <i>Experimental Cell Research</i> , 1976, 102, 438-441.	1.2	21
290	Observations on the membrane organization of standard and incomplete influenza grown in MDBK cells. <i>Virology</i> , 1976, 71, 389-394.	1.1	13
291	The compression-ordering and solubility-disordering effects of high pressure gases on phospholipid bilayers. <i>Life Sciences</i> , 1976, 18, 489-497.	2.0	48

#	ARTICLE	IF	CITATIONS
292	Estimation of membrane surface potential and charge density from the phase equilibrium of a paramagnetic amphiphile. <i>Biochemistry</i> , 1976, 15, 4818-4831.	1.2	126
293	Experimental Membranes and Mechanisms of Bioenergy Transductions. <i>Annual Review of Biophysics and Bioengineering</i> , 1976, 5, 119-175.	5.3	85
294	Functional and structural changes induced by phospholipase C in intact mitochondria and submitochondrial particles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 433, 318-332.	1.4	5
295	Preparation and properties of vesicles of a purified myelin hydrophobic protein and phospholipid a spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 448, 517-530.	1.4	75
296	On the use of the spin labeling technique in the study of erythrocyte membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 426, 697-702.	1.4	36
297	Microviscosity parameters and protein mobility in biological membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 433, 133-149.	1.4	653
298	Interactions of the cholesterol side-chain with egg lecithin a spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 436, 295-300.	1.4	34
299	Phase transitions of phospholipid single-wall vesicles and multilayers. Measurement by vibrational raman spectroscopic frequency differences. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 433, 457-468.	1.4	64
300	Single bilayer vesicles prepared without sonication physico-chemical properties. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 455, 322-331.	1.4	362
301	Glycolipids in model membranes Spin label and Freeze-Etch studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 455, 485-492.	1.4	47
302	Measurement and interpretation of fluorescence polarisations in phospholipid dispersions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 426, 157-172.	1.4	104
303	Heterogeneity in the fluidity of intact erythrocyte membrane and its homogenization upon hemolysis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 426, 218-231.	1.4	177
304	Membrane Studies of <i>Streptococcus pyogenes</i> and its L-form growing in hypertonic and physiologically isotonic media. An electron spin resonance spectroscopy approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 426, 288-301.	1.4	9
305	Study of the transverse diffusion of spin labelled phospholipids in biological membranes. I. Human red blood cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 426, 357-371.	1.4	96
306	Membrane effects on drug monooxygenation activity in hepatic microsomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 426, 399-407.	1.4	90
307	A spin label study of rat brain membranes effects of temperature and divalent cations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 436, 811-824.	1.4	50
308	Lateral diffusion, order parameter and phase transition in phospholipid bilayer membranes containing tocopheryl acetate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 443, 1-9.	1.4	32
309	Model membrane studies of spin-label probes Part I. Mixed monolayers of 12-nitroxide stearic acid and myristic acid. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 443, 10-18.	1.4	12

#	ARTICLE	IF	CITATIONS
310	Properties of spin labelled membranes of <i>Fusarium Oxysporum</i> f. sp. <i>Lycopersici</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 443, 64-80.	1.4	17
311	Angle of tilt and domain structure in dipalmitoyl phosphatidylcholine multilayers. <i>Archives of Biochemistry and Biophysics</i> , 1976, 172, 455-462.	1.4	29
312	Interaction of chlorpromazine with biological membranes. A photochemical study using spin labels. <i>Biochemical Pharmacology</i> , 1976, 25, 2469-2474.	2.0	42
313	Fluidity of membrane lipids: A single cell analysis of mouse normal lymphocytes and malignant lymphoma cells. <i>FEBS Letters</i> , 1976, 67, 180-185.	1.3	52
314	Functional properties of biological membranes: A physical-chemical approach. <i>Progress in Biophysics and Molecular Biology</i> , 1976, 29, 3-56.	1.4	193
315	Calcium-binding to non-ionic lipids: Crystal structure of a calcium chloride complex of geraniol. <i>Biochemical and Biophysical Research Communications</i> , 1976, 68, 143-148.	1.0	5
316	Protein-lipid interactions. III. Association of phosphatidylcholine with soybean protein.. <i>Agricultural and Biological Chemistry</i> , 1976, 40, 2261-2266.	0.3	8
317	Membrane perturbation: studies employing a calcium-sensitive dye, arsenazo III, in liposomes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1976, 73, 510-514.	3.3	57
318	Virus and lectin agglutination of erythrocytes: spin label study of membrane lipid-protein interactions.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1976, 73, 3497-3501.	3.3	30
319	Nuclear magnetic resonance description of molecular motion and phase separations of cholesterol in lecithin dispersions.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1976, 73, 3812-3815.	3.3	53
320	A method for the modulation of membrane fluidity: homogeneous catalytic hydrogenation of phospholipids and phospholipids and phospholipid-water model biomembranes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1976, 73, 3971-3975.	3.3	52
321	Effect of membrane protein on lipid bilayer structure: a spin-label electron spin resonance study of vesicular stomatitis virus. <i>Biochemistry</i> , 1976, 15, 2356-2360.	1.2	58
322	Membrane Receptors and Hormone Action. <i>Advances in Protein Chemistry</i> , 1976, 30, 251-451.	4.4	424
323	Spin label study of erythrocyte membrane fluidity in myotonic and Duchenne muscular dystrophy and congenital myotonia. <i>Nature</i> , 1976, 263, 159-161.	13.7	99
324	General anaesthetics can selectively perturb lipid bilayer membranes. <i>Nature</i> , 1976, 263, 253-255.	13.7	125
325	Interaction of Apoprotein from Porcine High-Density Lipoprotein with Dimyristoyl Lecithin. 2. <i>Nature of Lipid-Protein Interaction. FEBS Journal</i> , 1976, 64, 549-563.	0.2	75
326	Binding of a Metyrapone Spin Label to Microsomal Cytochrome P-450. <i>FEBS Journal</i> , 1976, 66, 139-146.	0.2	31
327	A Spin-Label Study of the Chromaffin Granule Membrane. <i>FEBS Journal</i> , 1976, 71, 53-61.	0.2	28

#	ARTICLE	IF	CITATIONS
328	THE EFFECTS OF CANNABINOIDS AND OTHER CNS DEPRESSANTS ON CELL MEMBRANE MODELS. Annals of the New York Academy of Sciences, 1976, 281, 151-161.	1.8	11
329	OPTICAL SPECTROSCOPY OF BILAYER MEMBRANES. Photochemistry and Photobiology, 1976, 24, 141-153.	1.3	19
330	Binding of nitroxide stearate spin labels to bovine serum albumin. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1976, 446, 134-142.	1.7	17
331	Transmembrane control of the receptors on normal and tumor cells. BBA - Biomembranes, 1976, 457, 57-108.	7.9	894
332	Asymmetry of the lipid-bilayer of Sindbis virus. Chemistry and Physics of Lipids, 1976, 17, 324-335.	1.5	20
333	Lanthanum and some other cation-induced changes in fluidity of synaptosomal membrane studied with nitroxide stearate spin labels. Journal of Membrane Biology, 1976, 27, 283-295.	1.0	6
334	Biophysics with nitroxyl radicals. Biophysics of Structure and Mechanism, 1976, 2, 181-218.	1.9	20
335	Kink-Block and Gauche-Block Structures of Bimolecular Films. Angewandte Chemie International Edition in English, 1976, 15, 575-586.	4.4	174
336	Kinkblock- und Gaucheblockstrukturen bimolekularer Filme. Angewandte Chemie, 1976, 88, 628-639.	1.6	29
337	Preliminary characterization of the acetylcholine receptor in human erythrocytes. Journal of Supramolecular Structure, 1976, 4, 355-365.	2.3	19
338	Synthesis of polymers containing phosphoric ester. Die Makromolekulare Chemie, 1976, 177, 1235-1241.	1.1	7
339	Title is missing!. Die Makromolekulare Chemie, 1976, 177, 1973-1979.	1.1	7
340	Phase transition in a lipid bilayer. II. Influence of adamantane derivatives. Chemistry and Physics of Lipids, 1976, 17, 71-78.	1.5	31
341	Stearoyl paratoluenesulfonate. A powerful acylating agent for lipid synthesis. Chemistry and Physics of Lipids, 1976, 17, 402-406.	1.5	8
342	An ESR study of the anchoring of spin-labeled stearic acid in lecithin multilayers. Chemistry and Physics of Lipids, 1976, 17, 435-444.	1.5	114
343	A general method for phospholipid polar head spin labeling. Analytical Biochemistry, 1976, 76, 292-299.	1.1	6
344	On the Ordering Matrix for the Spin Probe (3-spiro) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 Td ([2-oxyl-3,3-dimethyl-4,4-dimethoxyazoxybenzene. Molecular Crystals and Liquid Crystals, 1976, 35, 7-13.	0.9	35
345	Thermotropic Transitions in Biomembranes. Annual Review of Biophysics and Bioengineering, 1976, 5, 205-238.	5.3	328

#	ARTICLE	IF	CITATIONS
346	Surface modulation in cell recognition and cell growth. <i>Science</i> , 1976, 192, 218-226.	6.0	1,095
347	A correlation between membrane fluidity and the critical temperature for cell adhesion.. <i>Journal of Cell Biology</i> , 1976, 71, 670-674.	2.3	38
348	A quantitative description of the extension and retraction of surface protrusions in spreading 3T3 mouse fibroblasts.. <i>Journal of Cell Biology</i> , 1976, 71, 370-382.	2.3	55
349	Preparation and Polymerization of 2-(Phthalimido)ethyl 10- α -(Methacryloyloxy)decyl Hydrogen Phosphate. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1976, 10, 1553-1563.	0.4	3
350	A Spin Label Study of the Effects of Nucleotide Phosphates Upon Alveolar Macrophage Membrane Hydrophobic Regions. <i>Spectroscopy Letters</i> , 1976, 9, 237-252.	0.5	0
351	A Spin Label Study of Membrane Alteration During Conversion of <i>Fusarium sulphureum</i> Macroconidia to Chlamydospores. <i>Spectroscopy Letters</i> , 1976, 9, 895-910.	0.5	7
352	Mass Transport Across Cell Membranes: The Effects of Antidiuretic Hormone on Water and Solute Flows in Epithelia. <i>Annual Review of Physiology</i> , 1976, 38, 451-500.	5.6	61
353	A calorimetric and fluorescent probe study of the gel-liquid crystalline phase transition in small, single-lamellar dipalmitoylphosphatidylcholine vesicles. <i>Biochemistry</i> , 1976, 15, 1393-1401.	1.2	460
354	E.S.R. Investigation of Spin Probes: Not Unique Ordering in Smectic Mesophases. <i>Molecular Crystals and Liquid Crystals</i> , 1977, 39, 53-68.	0.9	12
355	Abnormalities of Cell-Membrane Fluidity in the Pathogenesis of Disease. <i>New England Journal of Medicine</i> , 1977, 297, 371-377.	13.9	327
356	Drug tolerance in biomembranes: a spin label study of the effects of ethanol. <i>Science</i> , 1977, 196, 684-685.	6.0	522
357	Sendai virus-induced hemolysis: reduction in heterogeneity of erythrocyte lipid bilayer fluidity.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1977, 74, 1918-1922.	3.3	25
358	Lipid-protein interaction in the phosphatidylcholine exchange protein.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1977, 74, 1807-1810.	3.3	28
359	Deuterium magnetic resonance: theory and application to lipid membranes. <i>Quarterly Reviews of Biophysics</i> , 1977, 10, 353-418.	2.4	1,224
360	Effect of a single cis double bond on the structure of a phospholipid bilayer. <i>Biochemistry</i> , 1977, 16, 45-50.	1.2	275
361	Conjugated polyene fatty acids as fluorescent probes: synthetic phospholipid membrane studies. <i>Biochemistry</i> , 1977, 16, 819-828.	1.2	327
362	Diet-induced changes in plasma membrane fatty acid composition affect physical properties detected with a spin-label probe. <i>Biochemistry</i> , 1977, 16, 5280-5285.	1.2	88
363	Spin-labeled acyl atractyloside as a probe of the mitochondrial adenosine diphosphate carrier. Asymmetry of the carrier and direct lipid environment. <i>Biochemistry</i> , 1977, 16, 1202-1208.	1.2	28

#	ARTICLE	IF	CITATIONS
364	More on the motional state of lipid bilayer membranes: interpretation of order parameters obtained from nuclear magnetic resonance experiments. <i>Biochemistry</i> , 1977, 16, 2657-2667.	1.2	228
365	Complement-induced decrease in membrane mobility: introducing a more sensitive index of spin-label motion. <i>Biochemistry</i> , 1977, 16, 1196-1201.	1.2	53
366	Influence of the ester carbonyl oxygens of lecithin on the permeability properties of mixed lecithin-cholesterol bilayers. <i>Biochemistry</i> , 1977, 16, 4335-4339.	1.2	51
367	Photochemical functionality of rhodopsin-phospholipid recombinant membranes. <i>Biochemistry</i> , 1977, 16, 1295-1303.	1.2	140
368	Characterization of drug-membrane interactions using the liposome system. <i>Biochemical Pharmacology</i> , 1977, 26, 2319-2323.	2.0	27
369	Calcium and chlorpromazine interactions in rat synaptic plasma membranes. <i>Archives of Biochemistry and Biophysics</i> , 1977, 179, 625-633.	1.4	32
370	Studies on the regulation of sterol synthesis in lymphocytes from atherosclerotic-susceptible and -resistant pigeons. <i>Archives of Biochemistry and Biophysics</i> , 1977, 184, 49-58.	1.4	7
371	An analysis of the x-ray interchain peak profile in dipalmitoylglycerophosphocholine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 464, 249-259.	1.4	47
372	Electron spin resonance studies of the membranes of the cellular slime mold <i>Dictyostelium discoideum</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 464, 378-388.	1.4	17
373	Diffusion and partitioning of a pesticide, lindane, into phosphatidylcholine bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 471, 401-411.	1.4	66
374	On cell membrane lipid fluidity and plant lectin agglutinability. A spin label study of mouse ascites tumor cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 465, 400-407.	1.4	35
375	The structural transitions of erythrocyte membranes induced by cyclic AMP. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 470, 230-241.	1.4	4
376	Monte Carlo studies of the hydrocarbon region of lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 469, 264-271.	1.4	50
377	Studies on spin-labelled egg lecithin dispersions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 466, 34-43.	1.4	46
378	Spin label studies on the human erythrocyte membrane. Two sites and two phases for fatty acid spin labels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 466, 231-244.	1.4	31
379	An electron spin probe study of (Na ⁺ + K ⁺)-ATPase-Containing membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 467, 19-28.	1.4	9
380	Cooperativity of the phase transition in single- and multibilayer lipid vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 465, 500-514.	1.4	150
381	NMR and ESR studies of the interactions of cytochrome c with mixed cardiolipin-phosphatidylcholine vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 468, 389-410.	1.4	127

#	ARTICLE	IF	CITATIONS
382	The structure and morphology of the abnormal serum lipoprotein-X. <i>Lipids and Lipid Metabolism</i> , 1977, 489, 247-261.	2.6	16
383	Fluorescent probes in model membranes I: anthroyl fatty acid derivatives in monolayers and liposomes of dipalmitoylphosphatidylcholine. <i>Biochemistry</i> , 1977, 16, 5386-5392.	1.2	89
384	Interactions of helical polypeptide segments which span the hydrocarbon region of lipid bilayers. <i>Journal of Molecular Biology</i> , 1977, 113, 517-538.	2.0	210
385	Modulation of agglutinability by alteration of the surface topography in mouse ascites tumor cells*1. <i>Experimental Cell Research</i> , 1977, 105, 291-300.	1.2	15
386	Theory of Orientational Order in Chain Molecules â€“Phase Transitions in n-Alkanes and Lipid Membranesâ€“. <i>Journal of the Physical Society of Japan</i> , 1977, 43, 1477-1484.	0.7	18
387	Nuclear magnetic relaxation and molecular motion in phospholipid bilayer membranes. <i>Journal of Magnetic Resonance</i> , 1977, 25, 243-262.	0.5	19
388	Properties and structural basis of simple diffusion pathways in the erythrocyte membrane. , 1977, 78, 1-97.		175
389	Electrophoresis of concanavalin A receptors along embryonic muscle cell membrane. <i>Nature</i> , 1977, 265, 602-605.	13.7	271
390	Induction of Hyphae in Cultures of <i>Pityrosporum</i> by Cholesterol and Cholesterol Esters. <i>Journal of Investigative Dermatology</i> , 1977, 69, 531-534.	0.3	68
391	Dynamic light scattering study of the conformational change and fusion phenomenon of phospholipid vesicles. <i>Chemical Physics Letters</i> , 1977, 52, 141-144.	1.2	17
392	Analogues of natural lipids. II. Polymorphic behavior of the tris-Homo acyl derivatives of cyclopentane-1,2,3-triols. <i>Chemistry and Physics of Lipids</i> , 1977, 18, 154-169.	1.5	2
393	Fatty acids diffusion in lecithin multilayers: Hydration and pH effects. <i>Chemistry and Physics of Lipids</i> , 1977, 18, 23-38.	1.5	13
394	Investigation of molecular motion in collagen using the spin-probe technique. <i>Biopolymers</i> , 1977, 16, 907-919.	1.2	7
395	Glycosphingolipids in membrane architecture. <i>Journal of Supramolecular Structure</i> , 1977, 6, 249-258.	2.3	44
396	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1977, 178, 2963-2967.	1.1	53
397	ESR center line shifts during phase transitions of spin-labeled dipalmitoyl phosphatidyl choline and dipalmitoyl phosphatidyl ethanolamine. <i>Journal of Biological Physics</i> , 1977, 5, 75-94.	0.7	0
398	Structural properties of the combining site of anti <i>Streptococcus</i> group a antibodies: Spin label-hapten studies. <i>Carlsberg Research Communications</i> , 1977, 42, 369-378.	1.7	1
399	Electron spin resonance studies of an animal model of human congenital myotonia: Increased erythrocyte membrane fluidity in rats with 20,25-diazacholesterol-induced myotonia. <i>Journal of Membrane Biology</i> , 1977, 32, 165-176.	1.0	31

#	ARTICLE	IF	CITATIONS
400	Spin-label studies on rat liver and heart plasma membranes: Do probe-probe interactions interfere with the measurement of membrane properties?. <i>Journal of Membrane Biology</i> , 1977, 31, 131-169.	1.0	83
401	Effect of small molecules on the dipalmitoyl lecithin liposomal bilayer: III. Phase transition in lipid bilayer. <i>Journal of Membrane Biology</i> , 1977, 34, 157-201.	1.0	493
402	Sucrose biosynthesis in <i>Dunaliella</i> . <i>Planta</i> , 1978, 141, 165-167.	1.6	7
403	Degenerate perturbations of protein structure as the mechanism of anaesthetic action. <i>Nature</i> , 1978, 276, 775-779.	13.7	200
404	Paramagnetic resonance evidence for phase transitions in bilayers of pure spin-labeled lipids. <i>Journal of Magnetic Resonance</i> , 1978, 29, 341-353.	0.5	2
405	Spin labels in membranes problems in practice. <i>BBA - Biomembranes</i> , 1978, 515, 395-436.	7.9	337
406	Permeability of an interfacial polymerized film in an oil/water emulsion. A spin label study. <i>Colloid and Polymer Science</i> , 1978, 256, 459-464.	1.0	10
407	Effect of basic protein from human central nervous system myelin on lipid bilayer structure. <i>Journal of Membrane Biology</i> , 1978, 39, 75-96.	1.0	108
408	Molecular motion of small nonelectrolyte molecules in lecithin bilayers. <i>Journal of Membrane Biology</i> , 1978, 40, 315-342.	1.0	64
409	Thermotropic Changes in the Surface Structure of Lipoprotein B from Human-Plasma Low-Density Lipoproteins. A Spin-Label Study. <i>FEBS Journal</i> , 1978, 84, 227-232.	0.2	39
410	Changes in membrane dynamics associated with myogenic cell fusion. <i>Journal of Cellular Physiology</i> , 1978, 94, 253-263.	2.0	59
411	Spin label studies on rat liver and heart plasma membranes: Effects of temperature, calcium, and lanthanum on membrane fluidity. <i>Journal of Supramolecular Structure</i> , 1978, 9, 299-326.	2.3	117
412	Comparison of large unilamellar vesicles prepared by a petroleum ether vaporization method with multilamellar vesicles. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1978, 542, 137-153.	1.1	77
413	Stability of Rhodopsin in Detergent Solutions. <i>Membrane Biochemistry</i> , 1978, 1, 297-322.	0.6	40
414	Structural isomers of tetradecenol discriminate between the lipid fluidity and phase transition theories of anesthesia. <i>Biochemical and Biophysical Research Communications</i> , 1978, 85, 1192-1198.	1.0	19
415	Protein-immobilized lipid in dimyristoylphosphatidylcholine-substituted cytochrome oxidase: Evidence for both boundary and trapped-bilayer lipid. <i>Biochemical and Biophysical Research Communications</i> , 1978, 81, 397-402.	1.0	69
416	Calcium-reserpine interactions studied by electron spin resonance spectroscopy in spin labeled artificial membranes. <i>Progress in Neuro-Psychopharmacology & Biological Psychiatry</i> , 1978, 2, 87-92.	0.6	5
417	A spin label study of the interaction of acth with Y-1 adrenal cell membranes. <i>Molecular and Cellular Endocrinology</i> , 1978, 10, 63-80.	1.6	1

#	ARTICLE	IF	CITATIONS
419	Antagonism of membrane compression effects by high pressure gas mixtures in a phospholipid bilayer system. <i>Life Sciences</i> , 1978, 22, 239-244.	2.0	13
420	Erythrocyte membrane fluidity in chicken muscular dystrophy. <i>Life Sciences</i> , 1978, 22, 1783-1787.	2.0	15
421	Enveloped virus- and lectin-induced structural change in erythrocyte lipid bilayer: Dependence on species of erythrocyte and on the multivalence of the agglutinin. <i>Virology</i> , 1978, 88, 25-32.	1.1	19
422	Effect of cholesterol on the molecular motion in the hydrocarbon region of lecithin bilayers studied by nanosecond fluorescence techniques. <i>Biochemistry</i> , 1978, 17, 5026-5031.	1.2	148
423	Interaction of spin-labeled lysophosphatidylcholine with rabbit erythrocytes. <i>Biochemistry</i> , 1978, 17, 1990-1996.	1.2	28
424	Spectroscopic studies of specifically deuterium labeled membrane systems. Nuclear magnetic resonance investigation of the effects of cholesterol in model systems. <i>Biochemistry</i> , 1978, 17, 2727-2740.	1.2	414
425	Lateral diffusion of the phospholipid molecule in dipalmitoylphosphatidylcholine bilayers. An investigation using nuclear spin-lattice relaxation in the rotating frame. <i>Biochemistry</i> , 1978, 17, 1177-1183.	1.2	39
426	Spin-label and deuterium order parameter discrepancies in bilayers: one possible explanation. <i>Biochemistry</i> , 1978, 17, 1758-1760.	1.2	17
427	Fluorescence quenching of Ca ²⁺ -ATPase in bilayer vesicles by a spin-labeled phospholipid. <i>FEBS Letters</i> , 1978, 96, 51-54.	1.3	20
428	Cholesterol modulates the effects of membrane perturbers in phospholipid vesicles and biomembranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 511, 1-9.	1.4	98
429	Evidence for stereospecific phospholipid-cholesterol interaction in lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 511, 116-119.	1.4	24
430	The effect of cholesterol on the structure of phosphatidylcholine bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 513, 43-58.	1.4	365
431	Transfer of phosphatidylcholine between different membranes in <i>Tetrahymena</i> as studied by spin labeling. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 508, 55-64.	1.4	18
432	Binding of polylysine to charged bilayer membranes. Molecular organization of a lipid-peptide complex. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 509, 474-490.	1.4	147
433	Properties and the locations of a set of fluorescent probes sensitive to the fluidity gradient of the lipid bilayer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 511, 125-140.	1.4	233
434	Physico-chemical state and calcium reactivity of normal and quaking mouse myelin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 507, 525-530.	1.4	5
435	A spin-label study of phosphatidylcholine exchange protein. Regulation of the activity by phosphatidylserine and calcium ion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 507, 156-164.	1.4	53
436	A model for ganglioside behaviour in cell membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 507, 280-293.	1.4	229

#	ARTICLE	IF	CITATIONS
437	Organometallic fatty acid and phospholipid analogs synthesis and incorporation and detection in model membranes and biomembranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 506, 1-17.	1.4	6
438	Spin-labeling of <i>Escherichia coli</i> membrane by enzymatic synthesis of phosphatidylglycerol and divalent cation-induced interaction of phosphatidylglycerol with membrane proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 506, 54-63.	1.4	22
439	<i>Acholeplasma laidlawii</i> membranes: An electron spin resonance study of the influence on molecular order of fatty acid composition and cholesterol. <i>Archives of Biochemistry and Biophysics</i> , 1978, 191, 289-297.	1.4	29
440	Interactions between ubiquinones and phospholipid bilayers. <i>Archives of Biochemistry and Biophysics</i> , 1978, 190, 454-458.	1.4	40
441	Effect of amphotericin B on membrane-associated photosynthetic reactions in maize chloroplasts. <i>Archives of Biochemistry and Biophysics</i> , 1978, 190, 473-482.	1.4	15
442	High-Sensitivity Differential Scanning Calorimetry in the Study of Biomembranes and Related Model Systems. , 1978, , 237-274.		125
443	9-Tempoylminoacridine: A Spin-Labeled, Fluorescent Probe of Acetylcholinesterase. <i>Analytical Letters</i> , 1978, 11, 935-945.	1.0	0
444	NMR Studies of Membrane Structure and Dynamics. <i>Annual Review of Physical Chemistry</i> , 1978, 29, 307-335.	4.8	105
445	A Spin Label Study of the Effects of NO ₂ , SO ₂ and pH Upon the Pulmonary Alveolar Macrophage. <i>Spectroscopy Letters</i> , 1978, 11, 89-109.	0.5	0
446	ESR Spectra of Bis(acetylacetonato)oxovanadium(IV) and Related Chelates in Molteno-Terphenyl and Some Other Organic Compounds. <i>Bulletin of the Chemical Society of Japan</i> , 1978, 51, 422-426.	2.0	4
447	The activity of glucagon-stimulated adenylate cyclase from rat liver plasma membranes is modulated by the fluidity of its lipid environment. <i>Biochemical Journal</i> , 1978, 174, 179-190.	1.7	150
448	Cardiolipin: a stereospecifically spin-labeled analogue and its specific enzymic hydrolysis.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978, 75, 1227-1231.	3.3	33
449	Alterations of hepatic Na ⁺ ,K ⁺ -ATPase and bile flow by estrogen: Effects on liver surface membrane lipid structure and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978, 75, 4130-4134.	3.3	185
450	Defective regulation of cholesterol biosynthesis and plasma membrane fluidity in a Chinese hamster ovary cell mutant.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978, 75, 1247-1249.	3.3	43
451	The Orientational Order in Cholesteric Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1978, 45, 161-181.	0.9	6
452	Electron spin resonance studies on interaction of complement proteins with erythrocyte membranes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978, 75, 4930-4934.	3.3	9
453	Fluorine-19 nuclear magnetic resonance studies of <i>Escherichia coli</i> membranes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978, 75, 630-634.	3.3	31
454	Transfer of Cholestane Spin Label between Lipid Bilayer Membranes and Its Molecular Motion in Membranes. <i>Journal of Biochemistry</i> , 1979, 86, 783-787.	0.9	6

#	ARTICLE	IF	CITATIONS
455	A Kinetic Measurement of Red Cell Deformability: A Modified Micropipette Aspiration Technique. <i>The Japanese Journal of Physiology</i> , 1979, 29, 707-722.	0.9	8
456	The Chemistry and Biosynthesis of Selected Bacterial Capsular Polymers. <i>Annual Review of Microbiology</i> , 1979, 33, 519-560.	2.9	177
457	[60] 3H- or 35S-labeled atractyloside and carboxyatractyloside, atractyloside derivatives used for affinity chromatography, photoaffinity labeling, and spin labeling, and 3H- or 14C-labeled bongkreikic acid. <i>Methods in Enzymology</i> , 1979, 55, 518-532.	0.4	2
458	Oriental order in the lamellar phase of the sodium decanoate-n-decanol-water system. <i>Molecular Physics</i> , 1979, 38, 1507-1520.	0.8	10
459	Biologically active stable radicals. XI: Synthesis of spin-labelled phosphatidylethanolamine. <i>Chemistry and Physics of Lipids</i> , 1979, 23, 155-162.	1.5	10
460	Interaction of small molecules with phospholipid bilayer membranes: permeability studies. <i>Chemistry and Physics of Lipids</i> , 1979, 25, 15-28.	1.5	16
461	Lipid-protein interactions in membranes: Effect of lipid composition on mobility of spin-labeled cysteine residues in yeast plasma membrane. <i>Journal of Supramolecular Structure</i> , 1979, 10, 277-286.	2.3	12
462	Membrane dynamics of differentiating cultured embryonic chick skeletal muscle cells by fluorescence microscopy techniques. <i>Journal of Supramolecular Structure</i> , 1979, 12, 47-61.	2.3	18
463	Thermal stability of rhodopsin and protein-lipid interactions in the photoreceptor membranes of homoiothermic and poikilothermic animals. <i>Journal of Thermal Biology</i> , 1979, 4, 203-208.	1.1	6
464	Spin labelling studies of the interaction of P815 mouse mastocytoma cells with antiserum to histocompatibility antigens, H-2d. <i>Immunopharmacology</i> , 1979, 1, 301-314.	2.0	3
465	Adaptation of membrane fluidity of rye wheat seedlings according to temperature. <i>Phytochemistry</i> , 1979, 18, 787-789.	1.4	33
466	Structural aspects of microemulsions using dielectric relaxation and spin label techniques. <i>Journal of Colloid and Interface Science</i> , 1979, 72, 524-537.	5.0	63
467	Temperature dependence of the fluorescence of pyrene labeled crab nerve membranes. <i>Molecular and Cellular Biochemistry</i> , 1979, 27, 147-153.	1.4	17
468	Lipid protein interactions in mitochondria. VIII. Effect of general anesthetics on the mobility of spin labels in lipid vesicles and mitochondrial membranes. <i>Journal of Bioenergetics and Biomembranes</i> , 1979, 11, 17-32.	1.0	12
469	Effects of Spin-Labeled Stearates on Duck Erythrocyte Adenylate Cyclase. <i>FEBS Journal</i> , 1979, 93, 559-563.	0.2	4
470	EFFECTS OF LIGHT AND cGMP ON MEMBRANE FLUIDITY OF FROG ROD OUTER SEGMENTS. <i>Photochemistry and Photobiology</i> , 1979, 29, 707-712.	1.3	3
471	Effects of halothane, lidocaine and 5-hydroxytryptamine on fluidity of synaptic plasma membranes, myelin membranes and synaptic mitochondrial membranes. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1979, 307, 199-206.	1.4	12
472	The effect of hyperthermia on activation of lysosomal enzymes in HeLa cells. <i>European Journal of Cancer</i> , 1979, 15, 1025-1031.	1.0	19

#	ARTICLE	IF	CITATIONS
473	Synthesis of saturated, unsaturated, spin-labeled, and fluorescent cholesteryl esters: Acylation of cholesterol using fatty acid anhydride and 4-pyrrolidinopyridine. <i>Lipids</i> , 1979, 14, 816-818.	0.7	34
474	A Spin-label Study of the Effect of Gamma Radiation on Erythrocyte Membrane. Influence of Lipid Peroxidation on Membrane Structure. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1979, 36, 325-334.	1.0	53
475	Spin labelled phosphatidyl-MYO-inositols: Synthesis and properties. <i>Chemistry and Physics of Lipids</i> , 1979, 23, 163-172.	1.5	11
476	Anisotropic rotation of spin-probes in polymers. <i>European Polymer Journal</i> , 1979, 15, 147-151.	2.6	14
477	Interaction of polyene antibiotics with sterols in phosphatidylcholine bilayer membranes as studied by spin probes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 554, 39-50.	1.4	23
478	Relationship of growth temperature and thermotropic lipid phase changes in cytoplasmic and outer membranes from <i>Escherichia coli</i> K12. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 555, 56-66.	1.4	63
479	Differences in membrane unsaturated fatty acids and electron spin resonance in different types of myeloid leukemia cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 556, 408-422.	1.4	37
480	Initial membrane reaction in peptidoglycan synthesis. Interaction of lipid with phospho-N-acetylmuramylpentapeptide translocase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 552, 418-427.	1.4	22
481	ESR studies on the orientation of cholesteryl ester in phosphatidylcholine multilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 550, 212-221.	1.4	30
482	Divalent cation binding to phospholipid vesicles. Dependence on temperature and lipid fluidity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 552, 53-65.	1.4	33
483	Disappearance of calcium-induced phase separation in phosphatidylserine-phosphatidylcholine membranes caused by protonation and by electric current. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 552, 78-88.	1.4	22
484	Deuterium NMR studies of cerebroside-phospholipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 558, 325-329.	1.4	25
485	The importance of the phospholipid bilayer and the length of the cholesterol molecule in membrane structure. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 551, 10-21.	1.4	46
486	Is an average viscosity tenable in lipid bilayers and membranes? A comparison of semi-empirical equivalent viscosities given by unbound probes: a nitroxide and a fluorophore. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 555, 388-408.	1.4	35
487	Electron spin resonance, hematological, and deformability studies of erythrocytes from patients with Huntington's disease. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 551, 452-458.	1.4	33
488	Abnormal microviscosity of lamellate cytosomes induced by a diazafluoranthren derivative. <i>Biochemical Pharmacology</i> , 1979, 28, 3467-3470.	2.0	2
489	Dynamics and composition of serum lipids in hyperlipoproteinemias. <i>Clinica Chimica Acta</i> , 1979, 95, 493-500.	0.5	0
490	Thick viscous structures in the lipid membrane of a moderately halophilic gram-negative bacterium. <i>FEBS Letters</i> , 1979, 103, 192-196.	1.3	12

#	ARTICLE	IF	CITATIONS
491	Electron paramagnetic resonance spectroscopy of spin-labelled cuticle of <i>Centruroides sculpturatus</i> (Scorpiones: Buthidae): Correlation with thermal effects on cuticular permeability. <i>Journal of Insect Physiology</i> , 1979, 25, 271-275.	0.9	33
492	The application of spectroscopy to the study of iron-containing biological molecules. <i>Progress in Biophysics and Molecular Biology</i> , 1979, 34, 1-79.	1.4	4
493	Interaction of antitumor drugs with human erythrocyte ghost membranes and mastocytoma P815: A spin label study. <i>Biochemical and Biophysical Research Communications</i> , 1979, 86, 1051-1057.	1.0	45
494	Activated macrophages kill tumor cells independent of membrane fluidity. <i>Biochemical and Biophysical Research Communications</i> , 1979, 89, 520-525.	1.0	4
495	An NADPH-induced change in lipid bilayer of rat liver microsomes as observed by spin-labeled phosphatidylcholine. <i>Biochemical and Biophysical Research Communications</i> , 1979, 87, 300-307.	1.0	3
496	Membrane perturbation of macrophages stimulated by bacterial lipopolysaccharide. <i>Biochemical and Biophysical Research Communications</i> , 1979, 87, 532-540.	1.0	23
497	Free fatty acids and esters can be immobilized by receptor rich membranes from torpedo marmorata but not phospholipid acyl chains. <i>Biochemical and Biophysical Research Communications</i> , 1979, 90, 871-877.	1.0	49
498	The structure of lipid bilayers and the effects of general anaesthetics. <i>Journal of Molecular Biology</i> , 1979, 133, 469-500.	2.0	259
499	Anisotropic motion and spectral line shapes. <i>Journal of Chemical Physics</i> , 1979, 71, 2503-2506.	1.2	3
500	Rhodopsin-lipid associations in bovine rod outer segment membranes. Identification of immobilized lipid by spin-labels. <i>Biochemistry</i> , 1979, 18, 5006-5013.	1.2	170
501	Effect of polyene antibiotics on the lectin-induced agglutination of transformed and untransformed cell lines. <i>Biochemistry</i> , 1979, 18, 739-745.	1.2	9
502	Stabilizing effect of cholesterol on phosphatidylcholine vesicles observed by ultrasonic velocity measurement. <i>Biochemistry</i> , 1979, 18, 2636-2642.	1.2	30
503	Kinetics of Sendai virus envelope fusion with erythrocyte membranes and virus-induced hemolysis. <i>Biochemistry</i> , 1979, 18, 5088-5095.	1.2	57
504	Spin-label studies of lipid-protein interactions in retinal rod outer segment membranes. Fluidity of the boundary layer. <i>Biochemistry</i> , 1979, 18, 1156-1162.	1.2	77
505	Protein-lipid interactions. A nuclear magnetic resonance study of sarcoplasmic reticulum (calcium(2+), magnesium(2+) ion)-activated ATPase, lipophilin, and proteolipid apoprotein-lecithin systems and a comparison with the effects of cholesterol. <i>Biochemistry</i> , 1979, 18, 5892-5902.	1.2	28
506	Differential effects on phospholipid phase transitions produced by structurally related long-chain alcohols. <i>Biochemistry</i> , 1979, 18, 3314-3320.	1.2	70
507	Deuterium nuclear magnetic resonance investigation of dimyristoyllecithin-dipalmitoyllecithin and dimyristoyllecithin-cholesterol mixtures. <i>Biochemistry</i> , 1979, 18, 3280-3285.	1.2	116
508	Spin-label studies of lipid immobilization in dimyristoylphosphatidylcholine-substituted cytochrome oxidase. <i>Biochemistry</i> , 1979, 18, 4480-4487.	1.2	170

#	ARTICLE	IF	CITATIONS
509	ESR study of free and immobilized elastase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 571, 294-304.	1.4	5
510	Chapter 14 Topographic Display of Cell Surface Components and their Role in Transmembrane Signaling. <i>Current Topics in Developmental Biology</i> , 1979, 13 Pt 1, 305-338.	1.0	39
511	Sites of intermolecular crosslinking of fatty acyl chains in phospholipids carrying a photoactivable carbene precursor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1979, 76, 3139-3143.	3.3	57
512	Fluidity of Cell Membranes—Current Concepts and Trends. <i>International Review of Cytology</i> , 1979, 60, 121-147.	6.2	236
513	Rate limitation of (Na ⁺ + K ⁺)-stimulated adenosinetriphosphatase by membrane acyl chain ordering.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1979, 76, 4893-4897.	3.3	122
514	Construction of a Multilayer Planar Membrane Applicable to Ion-Transport Measurement. <i>Journal of Biochemistry</i> , 1979, 86, 355-362.	0.9	2
515	Application of Highly Purified Anti-Galactocerebroside Antibody to the Analysis of Lipid-Lipid or Lipid-Protein Interactions. <i>Journal of Biochemistry</i> , 1980, 87, 1843-1849.	0.9	1
516	Studies on Antiviral Glycosides. <i>Journal of Biochemistry</i> , 1980, 88, 995-999.	0.9	2
517	The Transport of Steroid Hormones into Animal Cells. <i>International Review of Cytology</i> , 1980, 65, 49-115.	6.2	47
518	Action Mechanism of Polyene Antibiotics Comparison between Amphotericin B and Its Methyl Ester. <i>Japanese Journal of Medical Mycology</i> , 1980, 21, 249-255.	0.0	1
519	Phosphatidylethanolamine distribution and fluidity in outer and inner membranes of the gram-negative bacterium <i>Erwinia carotovora</i> . <i>Biochemical Journal</i> , 1980, 188, 131-135.	1.7	17
520	Charge selectivity at the lipid-protein interface of membranous Na,K-ATPase.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980, 77, 272-276.	3.3	116
521	Photochemical dimerization of parinaric acid in lipid bilayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980, 77, 26-30.	3.3	24
522	Effects of calcium, lanthanum, and temperature on the fluidity of spin-labeled human platelets. <i>Journal of Membrane Biology</i> , 1980, 52, 201-219.	1.0	60
523	Unsaturated free fatty acids inactivate animal enveloped viruses. <i>Archives of Virology</i> , 1980, 66, 301-307.	0.9	110
524	Comparative study of dynamic structure of pig and chicken aspartate aminotransferases by measuring the rotational correlation time. <i>Biophysics of Structure and Mechanism</i> , 1980, 7, 41-49.	1.9	17
525	The partition of cis-parinaric acid and trans-parinaric acid among aqueous, fluid lipid, and solid lipid phases. <i>Molecular and Cellular Biochemistry</i> , 1980, 32, 169-77.	1.4	46
526	Model for the lipid monolayer-phase transitions. <i>International Journal of Quantum Chemistry</i> , 1980, 18, 1511-1516.	1.0	0

#	ARTICLE	IF	CITATIONS
527	Theoretical model for the phase transition of a membrane as a multicomponent system. <i>International Journal of Quantum Chemistry</i> , 1980, 18, 1517-1522.	1.0	1
528	A comparison of composition and fluidity of multiple sclerosis and normal myelin. <i>Neurochemical Research</i> , 1980, 5, 319-336.	1.6	21
529	Chlorinated hydrocarbon-cell membrane interactions studied by the fluorescence quenching of carbazole-labeled phospholipids: Probe synthesis and characterization of the quenching methodology. <i>Chemistry and Physics of Lipids</i> , 1980, 26, 1-40.	1.5	75
530	Electron paramagnetic resonance investigations of the effects of diethylstilbestrol on the physical state of membrane lipids and proteins. <i>Journal of Magnetic Resonance</i> , 1980, 37, 159-163.	0.5	2
531	Determination of the rotational correlation time and the rigid limit hyperfine coupling from the dependence of spin-label EPR spectra on microwave frequency. <i>Journal of Magnetic Resonance</i> , 1980, 38, 313-317.	0.5	3
532	EPR studies on copper(II) complexes of 2,2',2''-tri-amino-triethylamine and its hexamethyl derivative. <i>Journal of Molecular Structure</i> , 1980, 66, 319-324.	1.8	2
533	Molecular motion in phospholipid bilayers in the gel phase: long axis rotation. <i>Biochemistry</i> , 1980, 19, 1632-1637.	1.2	175
534	Translocation of proteins through biological membranes a critical view. <i>BBA - Biomembranes</i> , 1980, 604, 249-296.	7.9	27
535	Membrane asymmetry A survey and critical appraisal of the methodology II. Methods for assessing the unequal distribution of lipids. <i>BBA - Biomembranes</i> , 1980, 604, 423-475.	7.9	2
536	Lipid-lipid and lipid-protein interactions in membranes. <i>Pharmacology Biochemistry and Behavior</i> , 1980, 13, 155-165.	1.3	26
537	MICROENVIRONMENT OF AROMATIC HYDROCARBONS EMPLOYED AS FLUORESCENT PROBES OF LIPOSOMES. <i>Photochemistry and Photobiology</i> , 1980, 32, 415-419.	1.3	42
538	Temperature-Dependent Nerve-Blocking Action of Lidocaine and Halothane. <i>Acta Anaesthesiologica Scandinavica</i> , 1980, 24, 314-320.	0.7	31
539	ESR Studies on the Membrane Properties of a Moderately Halophilic Bacterium. <i>Journal of Biochemistry</i> , 1980, 88, 1267-1274.	0.9	12
540	Membrane Lipids: Structure and Function. , 1980, , 57-83.		17
541	Effect of Cholesterol on Human Erythrocyte Membrane. <i>Journal of Biochemistry</i> , 1980, 87, 1703-1713.	0.9	20
542	On the Flexibility Gradient of Fatty Acid Spin Labels. <i>Molecular Crystals and Liquid Crystals</i> , 1980, 56, 229-235.	0.9	5
543	The Dynamics Of Membrane Structur. <i>Critical Reviews in Biochemistry</i> , 1980, 8, 1-117.	7.5	123
544	Saturation-Transfer Spectroscopy. <i>Annual Review of Physical Chemistry</i> , 1980, 31, 293-317.	4.8	60

#	ARTICLE	IF	CITATIONS
546	Adaptive alteration in phospholipid composition of plasma membranes from a somatic cell mutant defective in the regulation of cholesterol biosynthesis.. <i>Journal of Cell Biology</i> , 1980, 85, 166-169.	2.3	37
547	Structural Correlates of Gap Junction Permeation. <i>International Review of Cytology</i> , 1980, 66, 81-146.	6.2	236
548	ESR studies on membrane fluidity of Chinese hamster ovary cells grown on microcarriers and in suspension. <i>Experimental Cell Research</i> , 1980, 130, 437-442.	1.2	26
549	Conformation of the gramicidin A transmembrane channel: A ¹³ C nuclear magnetic resonance study of ¹³ C-enriched gramicidin in phosphatidylcholine vesicles. <i>Journal of Molecular Biology</i> , 1980, 143, 1-19.	2.0	126
550	Specificity of biophysical and biochemical alterations in erythrocyte membranes in neurological disorders. <i>Journal of the Neurological Sciences</i> , 1980, 47, 261-271.	0.3	56
551	Spin label and biochemical studies of erythrocyte membranes in Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 1980, 45, 323-330.	0.3	75
552	Molecular motion in phospholipid bilayers in the gel phase: Spin label saturation transfer ESR studies. <i>Biochemical and Biophysical Research Communications</i> , 1980, 94, 130-137.	1.0	18
553	Quasielastic light-scattering studies of aqueous biliary lipid systems. Mixed micelle formation in bile salt-lecithin solutions. <i>Biochemistry</i> , 1980, 19, 601-615.	1.2	544
554	Thermotropic transitions in rat intestinal plasma membranes studied by differential scanning calorimetry and fluorescence polarization. <i>Biochemistry</i> , 1980, 19, 1256-1261.	1.2	134
555	Spin label studies of microsomal membranes from <i>Acanthamoeba castellanii</i> in different states of differentiation. <i>Archives of Biochemistry and Biophysics</i> , 1980, 200, 22-30.	1.4	6
556	Lipid-lipid and lipid-protein interactions in chromaffin granule membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 598, 247-259.	1.4	62
557	Effect of calcium, insulin and growth hormone on membrane fluidity. A spin label study of rat adipocyte and human erythrocyte ghosts. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 597, 292-304.	1.4	47
558	Lipid domain formation and ligand-induced lymphocyte membrane changes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 596, 43-56.	1.4	26
559	The fluidity of plasma membranes of <i>Dictyostelium discoideum</i> . The effects of polyunsaturated fatty acid incorporation assessed by fluorescence depolarization and electron paramagnetic resonance. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 602, 1-9.	1.4	29
560	Electron spin resonance studies of changes in membrane fluidity of Chinese hamster ovary cells during the cell cycle. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 602, 117-126.	1.4	50
561	Effect of Mg ²⁺ on membrane fluidity and K ⁺ transport in rat liver mitochondria. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 600, 150-156.	1.4	19
562	The diffusion-solubility of oxygen in lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 600, 655-665.	1.4	126
563	Ganglioside headgroup dynamics. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 601, 302-314.	1.4	46

#	ARTICLE	IF	CITATIONS
564	Translocation of proteins through biological membranes A critical view. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 604, 249-296.	1.4	15
565	Membrane asymmetry A survey and critical appraisal of the methodology II. Methods for assessing the unequal distribution of lipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 604, 423-475.	1.4	79
566	Effect of sterols on diphenylhexatriene fluorescence in lecithin vesicles. <i>FEBS Letters</i> , 1980, 114, 48-50.	1.3	11
567	DYNAMICS OF LIPID MOTIONS IN HIGH-DENSITY LIPOPROTEIN SUBFRACTIONS HDL2AND HDL3: MAGNETIC RESONANCE STUDIES. <i>Annals of the New York Academy of Sciences</i> , 1980, 348, 299-317.	1.8	16
568	LIPID-PROTEIN INTERACTIONS IN ENVELOPED VIRUSES. <i>Annals of the New York Academy of Sciences</i> , 1980, 348, 419-425.	1.8	7
569	Boundary lipids and protein mobility in rhodopsin-phosphatidylcholine vesicles. Effect of lipid phase transitions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 596, 28-42.	1.4	80
570	Photoaffinity spin-labeling of the Ca ²⁺ ATPase in sarcoplasmic reticulum : Evidence for oligomeric structure. <i>Biochemical and Biophysical Research Communications</i> , 1980, 95, 289-295.	1.0	17
571	Relation of membrane property of microsomes to androgen biosynthesis. <i>Molecular and Cellular Endocrinology</i> , 1980, 17, 157-169.	1.6	0
572	A theory of the effects of head-group structure and chain unsaturation on the chain melting transition of phospholipid dispersions. <i>Biochemistry</i> , 1980, 19, 4279-4293.	1.2	53
573	Phosphatidylcholine exchange protein catalyzes the net transfer of phosphatidylcholine to model membranes. <i>Biochemistry</i> , 1980, 19, 3395-3399.	1.2	57
574	Lipid dynamics and lipid-protein interactions in rat enterocyte basolateral and microvillus membranes. <i>Biochemistry</i> , 1980, 19, 2763-2769.	1.2	244
575	Variable interaction of spin-labeled human myelin basic protein with different acidic lipids. <i>Biochemistry</i> , 1980, 19, 1219-1226.	1.2	39
576	Characterization of octapeptin-membrane interactions using spin-labeled octapeptin. <i>Biochemistry</i> , 1980, 19, 3307-3314.	1.2	13
577	Immobilization of a spin-labeled fatty acid chain covalently attached to calcium(2+)-ATPase from sarcoplasmic reticulum suggests an oligomeric structure. <i>Biochemistry</i> , 1981, 20, 4928-4936.	1.2	51
578	Fluorescence lifetime and time-resolved polarization anisotropy studies of acyl chain order and dynamics in lipid bilayers. <i>Biochemistry</i> , 1981, 20, 2800-2810.	1.2	109
579	Fluorescence quenching of model membranes. 3. Relationship between calcium adenosinetriphosphatase enzyme activity and the affinity of the protein for phosphatidylcholines with different acyl chain characteristics. <i>Biochemistry</i> , 1981, 20, 1949-1961.	1.2	242
580	Spin-label studies of head-group specificity in the interaction of phospholipids with yeast cytochrome oxidase. <i>Biochemistry</i> , 1981, 20, 5888-5894.	1.2	103
581	Lipids of synaptic vesicles: relevance to the mechanism of membrane fusion. <i>Biochemistry</i> , 1981, 20, 378-385.	1.2	123

#	ARTICLE	IF	CITATIONS
582	Influence of ether linkage on the lamellar to hexagonal phase transition of ethanolamine phospholipids. <i>Biochemistry</i> , 1981, 20, 5728-5735.	1.2	104
583	Calorimetric investigations of saturated mixed-chain phosphatidylcholine bilayer dispersions. <i>Biochemistry</i> , 1981, 20, 6086-6092.	1.2	118
584	Effect of sterol structure on acyl chain ordering in phosphatidylcholine vesicles: a deuterium nuclear magnetic resonance and electron spin resonance study. <i>Biochemistry</i> , 1981, 20, 7158-7161.	1.2	37
585	The relationship between plasma membrane lipid composition and physical-chemical properties II. Effect of phospholipid fatty acid modulation on plasma membrane physical properties and enzymatic activities. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 649, 58-66.	1.4	81
586	Interaction of propranolol with model phospholipid membranes Monolayer, spin label and fluorescence spectroscopy studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 643, 387-397.	1.4	90
587	Effects of temperature and lipid composition on the serum albumin-induced aggregation and fusion of small unilamellar vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 649, 633-641.	1.4	81
588	Virus-induced fusion of human erythrocyte ghosts I. Effects of macromolecules on the final stages of the fusion reaction. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 645, 211-225.	1.4	20
589	The molecular organisation of bimolecular lipid membranes. The dielectric structure of the hydrophilic/hydrophobic interface. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 643, 191-204.	1.4	132
590	Dynamic states of phospholipids in Escherichia coli B membrane Electron spin resonance studies with biosynthetically generated phospholipid spin labels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 646, 119-125.	1.4	12
591	Haptenic activity of galactosyl ceramide and its topographical distribution on liposomal membranes I. effect of cholesterol incorporation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 644, 183-191.	1.4	21
592	Adriamycin-induced changes in the surface membrane of sarcoma 180 ascites cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 649, 317-324.	1.4	90
593	Saturation transfer esr studies of molecular motion in phosphatidylglycerol bilayers in the gel phase Effects of pretransitions and pH titration. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 642, 231-241.	1.4	28
594	Correlation between membrane expansion and temperature-induced membrane fusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 642, 365-374.	1.4	20
595	Phospholipid chain immobilization and steriod rotational immobilization in acetylcholine receptor-rich membranes from torpedo marmorata. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 645, 97-101.	1.4	83
596	Vitamin E changes the membrane fluidity of human platelets. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 640, 100-105.	1.4	72
597	The purification and partial characterization of phospholipase A2, a secretory protein of rabbit parotid gland. <i>Lipids and Lipid Metabolism</i> , 1981, 666, 259-274.	2.6	16
598	A comparison of solution properties of cholesterol and 25-hydroxycholesterol. <i>Archives of Biochemistry and Biophysics</i> , 1981, 209, 321-324.	1.4	46
599	Phase transitions identified in the lipid envelope of friend murine leukemia virus. <i>Biochemical and Biophysical Research Communications</i> , 1981, 100, 118-124.	1.0	1

#	ARTICLE	IF	CITATIONS
600	A theory of ion binding and phase equilibria in charged lipid membranes. I. Proton binding. Journal of Chemical Physics, 1981, 74, 2536-2547.	1.2	13
601	Study of segmental mobility of spin-labelled synthetic macromolecules in solutions. Polymer Science USSR, 1981, 23, 1581-1591.	0.2	2
602	Myotonic muscular dystrophy. Journal of the Neurological Sciences, 1981, 52, 61-67.	0.3	20
603	Lipid-protein interactions between the surface glycoprotein of vesicular stomatitis virus and the lipid bilayer. Virology, 1981, 115, 1-9.	1.1	16
604	Fluorescence quenching in model membranes. 1. Characterization of quenching caused by a spin-labeled phospholipid. Biochemistry, 1981, 20, 1932-1938.	1.2	141
605	Persistence of segregated phospholipid domains in phospholipid-lipopolysaccharide mixed bilayers: studies with spin-labeled phospholipids. Biochemistry, 1981, 20, 523-529.	1.2	54
606	Chapter 2 Molecular motions and membrane organization and function. New Comprehensive Biochemistry, 1981, , 37-82.	0.1	26
607	An effect of colchicine on galactosyl- and sialyltransferases of rat liver golgi membranes. Biochimica Et Biophysica Acta - General Subjects, 1981, 672, 57-64.	1.1	33
608	The fluidity of cell membranes and its regulation. Progress in Biophysics and Molecular Biology, 1981, 38, 1-104.	1.4	270
609	Early effects of EFA deficiency on the structure and enzymatic activity of rat liver microsomes. Progress in Lipid Research, 1981, 20, 315-321.	5.3	59
610	[29] Synthesis of modified fatty acids and glycerophospholipid analogs. Methods in Enzymology, 1981, 72, 408-433.	0.4	38
611	Organization of membrane lipids and proteins in human En(a-) erythrocytes that lack the major sialoglycoprotein, glycophorin A. A spin-label study. Biochemical Journal, 1981, 195, 123-128.	1.7	8
612	Chapter 21 Studies of Isolated Secretion Granules of the Rabbit Parotid Gland: Ion-Induced Changes in Membrane Integrity. Methods in Cell Biology, 1981, 23, 335-344.	0.5	5
613	Membranes and phospholipids of liver mitochondria from chronic alcoholic rats are resistant to membrane disordering by alcohol.. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 2582-2586.	3.3	161
614	Landau-Theorie zum Phasenübergang isotrop flüssig-nematisch bei Flüssigkristallen. Annalen Der Physik, 1981, 493, 334-342.	0.9	0
615	Effect of fatty acids and monoglycerides on permeability of lipid bilayer. Chemistry and Physics of Lipids, 1981, 28, 269-279.	1.5	114
616	Comparative physical studies of phosphatidylsulfocholine and phosphatidylcholine. Calorimetry, fluorescence polarization and electron paramagnetic resonance spectroscopy. Chemistry and Physics of Lipids, 1981, 28, 307-322.	1.5	16
617	A method for the synthesis of isomerically pure saturated mixed-chain phosphatidylcholines. Analytical Biochemistry, 1981, 113, 96-101.	1.1	169

#	ARTICLE	IF	CITATIONS
618	An investigation of the segmental flexibility of spin labelled synthetic macromolecules in solutions. European Polymer Journal, 1981, 17, 347-352.	2.6	5
619	Effect of choline chloride on fatty acid chain ordering in membranes of wheat (<i>Triticum aestivum</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	17
620	Membrane and ion transport properties in cereals under acidic and alkaline stress. III. Electron spin resonance study of microsomal fractions of rice and wheat root cells. Physiologia Plantarum, 1981, 53, 475-478.	2.6	1
621	Lateral diffusion of lipids in sarcoplasmic reticulum membranes is area limited. Nature, 1981, 294, 373-374.	13.7	18
622	Determination of T2 from analysis of wings of symmetrical inhomogeneous lines. Journal of Magnetic Resonance, 1981, 43, 137-140.	0.5	1
623	The polyliquid crystalline EPR spectra of nitroxide spin probes and their interpretation. Journal of Magnetic Resonance, 1981, 43, 141-153.	0.5	2
624	The effect of nuclear spin quantization on line broadening in the electron resonance spectra of spin probes dissolved in anisotropic media. An experimental investigation. Journal of Magnetic Resonance, 1981, 42, 351-363.	0.5	4
625	Conformation and phase transitions in monolayers of some C18 fatty acids containing a hydratable functional group in their alkyl chains. Journal of Colloid and Interface Science, 1981, 80, 7-19.	5.0	16
626	Effect of salt on the structure and properties of sonicated emulsions stabilized by a tertiary oil recovery formulation. JAOCS, Journal of the American Oil Chemists' Society, 1981, 58, 746-753.	0.8	4
627	Ultrasonic Studies of Lipid Bilayer Phase Transition. Molecular Crystals and Liquid Crystals, 1981, 70, 21-28.	0.9	8
628	Beta-Interferon-Induced Time-Dependent Changes in the Plasma Membrane Lipid Bilayer of Cultured Cells. Journal of Interferon Research, 1981, 1, 613-620.	1.2	62
629	Sequential Changes in Lipid Fluidity and Phase Properties of Microsomal Membranes from Senescing Rose Petals. Journal of Experimental Botany, 1982, 33, 303-312.	2.4	29
630	New method of characterizing slow tumbling motions for nitroxide spin labels/probes from second derivative ESR powder spectra. Journal of Chemical Physics, 1982, 76, 805-808.	1.2	12
631	An EPR spin label study of the glass forming liquid dibutyl phthalate. Journal of Chemical Physics, 1982, 77, 2159-2165.	1.2	31
632	Theory of ESR parallel edge lines of slowly tumbling molecules. Journal of Chemical Physics, 1982, 76, 5746-5754.	1.2	44
633	Relationship between the density distribution of intramembrane particles and electron transfer in the mitochondrial inner membrane as revealed by cholesterol incorporation.. Journal of Cell Biology, 1982, 94, 387-393.	2.3	29
634	Thermodynamics and membrane processes. Quarterly Reviews of Biophysics, 1982, 15, 667-759.	2.4	28
635	The Effect of Calcium on the Fluidity and Phase Properties of Microsomal Membranes Isolated from Postclimacteric Golden Delicious Apples. Plant and Cell Physiology, 1982, , .	1.5	22

#	ARTICLE	IF	CITATIONS
636	Orientation of Platelets on the Surfaces of Glass and Teflon Plates as Studied by a Spin Label Technique. <i>Journal of Biochemistry</i> , 1982, 92, 1643-1647.	0.9	0
637	Ethanol disordering of spin-labeled mouse brain membranes: correlation with genetically determined ethanol sensitivity of mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982, 79, 4231-4233.	3.3	92
638	2. Nitroxide Spin Labels. <i>Methods in Experimental Physics</i> , 1982, , 53-122.	0.1	11
639	Lipid-lipid and lipid-protein collision rates in membranes. Determination by evaluation of spin-spin interactions between 15N and 14N spin labels. <i>Biochimie</i> , 1982, 63, 867-870.	1.3	16
640	Spin labelling study of frozen solutions of porcine high density and low density lipoproteins: temperature dependence of the lipid dynamics. <i>International Journal of Biological Macromolecules</i> , 1982, 4, 107-110.	3.6	2
641	Calorimetric evidence for phase transitions in spin-label lipid bilayers. <i>Biochemistry</i> , 1982, 21, 5096-5101.	1.2	10
642	Lipid environments in the yolk lipoprotein system. A spin-labeling study of the lipovitellin/phosvitin complex from <i>Xenopus laevis</i> . <i>Biochemistry</i> , 1982, 21, 2444-2452.	1.2	15
643	Effect of hydrogen ion concentration on rhodopsin-lipid interactions. <i>Biochemistry</i> , 1982, 21, 5101-5105.	1.2	3
644	Orientation and motion of spin-labels in rabbit small intestinal brush border vesicle membranes. <i>Biochemistry</i> , 1982, 21, 5621-5628.	1.2	37
645	Lack of transbilayer coupling in phase transitions of phosphatidylcholine vesicles. <i>Biochemistry</i> , 1982, 21, 1756-1760.	1.2	38
646	Propranolol-induced structural changes in human erythrocyte ghost membranes. <i>Biochemical Pharmacology</i> , 1982, 31, 691-694.	2.0	10
647	Effect of the state of association of melittin and phospholipids on their reciprocal binding. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 689, 106-112.	1.4	26
648	Phospholipid transfer between vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 689, 155-160.	1.4	10
649	Alcohols inhibit adipocyte basal and insulin-stimulated glucose uptake and increase the membrane lipid fluidity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 691, 115-124.	1.4	54
650	Effects of membrane-stabilizing agents, cholesterol and cepharanthin, on radiation-induced lipid peroxidation and permeability in liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 691, 171-177.	1.4	56
651	The relationship between plasma membrane lipid composition and physical-chemical properties. III. Detailed physical and biochemical analysis of fatty acid-substituted EL4 plasma membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 689, 230-240.	1.4	15
652	Headgroup behaviour of an uncharged complex glycolipid. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 693, 417-424.	1.4	19
653	A spin label study of the lipid boundary layer of mitochondrial NADH-ubiquinone oxidoreductase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 693, 105-112.	1.4	17

#	ARTICLE	IF	CITATIONS
654	Quinidine is a strong perturber of acidic phospholipid bilayer order and fluidity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 692, 315-318.	1.4	18
655	Vitamin D-mediated intestinal calcium transport. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 688, 177-190.	1.4	41
656	Effects of cholesterol on the orientational order of unsaturated lipids in the membranes of <i>Acholeplasma laidlawii</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 688, 191-200.	1.4	26
657	The effects of a collagenous extracellular matrix on fibroblast membrane organization. <i>Experimental Cell Research</i> , 1982, 141, 421-431.	1.2	17
658	Dynamics of lipid fluorophors in bovine lens fiber membranes. <i>Experimental Eye Research</i> , 1982, 34, 145-151.	1.2	8
659	A spin label study of human lens membranes. <i>Experimental Eye Research</i> , 1982, 35, 251-258.	1.2	12
660	ESR spin-label studies of lipid-protein interactions in membranes. <i>Biophysical Journal</i> , 1982, 37, 265-274.	0.2	125
661	Incorporation of Spin-Labeled Ganglioside Analogues into Cell and Liposomal Membranes1. <i>Journal of Biochemistry</i> , 1982, 91, 1707-1718.	0.9	52
662	Incorporation of a Ganglioside and a Spin-Labeled Ganglioside Analogue into Cell and Liposomal Membranes1. <i>Journal of Biochemistry</i> , 1982, 91, 2095-2098.	0.9	36
663	Immunogenicity of Liposomal Model Membranes Sensitized with Spin-Labeled Haptens and Topographical Distribution of Haptens on the Membranes1. <i>Journal of Biochemistry</i> , 1982, 92, 1813-1821.	0.9	5
664	Changes in hepatic microsomal membrane fluidity with age. <i>Experimental Gerontology</i> , 1982, 17, 41-48.	1.2	28
665	Hydrophobic membrane interaction of etidocaine, bupivacaine and 2-chloroprocaine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1982, 319, 95-100.	1.4	6
666	Spin-Label Characterisation of the Lamellar-to-Hexagonal (HII) Phase Transition in Egg Phosphatidylethanolamine Aqueous Dispersions. <i>FEBS Journal</i> , 1982, 124, 95-101.	0.2	37
667	Effect of prostaglandin E ₁ , dopamine and dibutyryl cyclic AMP on the fluidity of synaptosome membranes. <i>Acta Physiologica Scandinavica</i> , 1982, 116, 127-131.	2.3	4
668	Microwave and modulation field inhomogeneities and the effect of cavity Q in saturation transfer ESR spectra. Dependence on sample size. <i>Journal of Magnetic Resonance</i> , 1982, 49, 212-224.	0.5	31
669	Comparison of membrane structure, osmotic fragility, and morphology of multiple sclerosis and normal erythrocytes. <i>Neurochemical Research</i> , 1982, 7, 1523-1540.	1.6	17
670	PERTURBATION OF PHOSPHOLIPID MEMBRANES BY GIBBERELLINS. <i>New Phytologist</i> , 1982, 91, 1-17.	3.5	35
671	Effect of alpha-tocopherol on growth, membrane-bound adenosine triphosphatase activity of the roots, membrane fluidity and potassium uptake in rice plants. <i>Physiologia Plantarum</i> , 1982, 55, 289-295.	2.6	7

#	ARTICLE	IF	CITATIONS
672	An Electron-Spin-Resonance Spin-Label Study of the Interaction of Purified Mojave Toxin with Synaptosomal Membranes from Rat Brain. <i>FEBS Journal</i> , 1983, 131, 559-565.	0.2	18
673	Physical properties of pathological human erythrocytes. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1983, 2, 1005-1013.	0.4	1
674	ESR measurements on the effects of ethanol on the lipid and protein conformation in biological membranes. <i>Pharmacology Biochemistry and Behavior</i> , 1983, 18, 31-35.	1.3	9
675	Ethanol effects on striatal dopamine receptor-coupled adenylate cyclase and on striatal opiate receptors. <i>Pharmacology Biochemistry and Behavior</i> , 1983, 18, 355-359.	1.3	22
676	Solubilization of phospholipids by detergents structural and kinetic aspects. <i>BBA - Biomembranes</i> , 1983, 737, 285-304.	7.9	615
677	In vitro effects of vitamin D3 on the phospholipids of isolated renal brush border membranes. <i>Journal of Membrane Biology</i> , 1983, 72, 85-91.	1.0	33
678	Microenvironment changes of human blood platelet membranes associated with fibrinogen binding. <i>Journal of Membrane Biology</i> , 1983, 75, 57-64.	1.0	10
679	Effect of tetracaine on veratrine-mediated influx of sodium into rat brain synaptosomes. <i>Pflugers Archiv European Journal of Physiology</i> , 1983, 397, 135-140.	1.3	5
680	Developmental changes in synaptic membrane lipid composition and fluidity. <i>Neurochemical Research</i> , 1983, 8, 121-131.	1.6	63
681	Synthesis of 15N-5-doxyloystearic acid for improved EPR characterization of lipid motion in biomembranes. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1983, 20, 433-445.	0.5	9
682	Effect of osmotic gradient on the physical properties of membrane lipids in liposomes. <i>Chemistry and Physics of Lipids</i> , 1983, 33, 81-85.	1.5	9
683	Phosphatidylcholine and cholesterol interactions in model membranes. <i>Chemistry and Physics of Lipids</i> , 1983, 33, 313-322.	1.5	50
684	Interpretation of ESR and saturation transfer ESR spectra of spin labeled lipids and membranes. <i>Chemistry and Physics of Lipids</i> , 1983, 32, 323-383.	1.5	99
685	ESR studies of magnetically aligned lyotropic liquid crystals. <i>Chemistry and Physics of Lipids</i> , 1983, 32, 73-80.	1.5	2
686	Aggregation and fusion of phospholipid vesicles. <i>Progress in Surface Science</i> , 1983, 13, 1-124.	3.8	210
687	Determination of internal H ⁺ concentration in lecithin vesicles using an ESR method. <i>Inorganica Chimica Acta</i> , 1983, 80, L1-L2.	1.2	1
688	Parametric analysis of membrane characteristics and membrane structure. <i>Journal of Theoretical Biology</i> , 1983, 105, 493-510.	0.8	12
689	Analysis of dispersion-mode saturation-transfer ESR spectra. Application to model membranes. <i>Journal of Magnetic Resonance</i> , 1983, 55, 205-215.	0.5	0

#	ARTICLE	IF	CITATIONS
690	Sensitivity of saturation transfer ESR spectra to anisotropic rotation. Application to membrane systems. <i>Journal of Magnetic Resonance</i> , 1983, 51, 446-459.	0.5	8
691	Order-disorder phase transition and lipid dynamics in rabbit small intestinal brush border membranes. Effect of proteins. <i>Biochemistry</i> , 1983, 22, 6326-6333.	1.2	20
692	Fluorine-19 nuclear magnetic resonance studies of lipid fatty acyl chain order and dynamics in <i>Acholeplasma laidlawii</i> B membranes. A physical, biochemical, and biological evaluation of monofluoropalmitic acids as membrane probes. <i>Biochemistry</i> , 1983, 22, 5097-5103.	1.2	32
693	Collisions between nitrogen-14 and nitrogen-15 spin-labels. 2. Investigations on the specificity of the lipid environment of rhodopsin. <i>Biochemistry</i> , 1983, 22, 3146-3151.	1.2	30
694	Dynamic structure and phase behavior of dimyristoylphosphatidylethanolamine bilayers studied by deuterium nuclear magnetic resonance. <i>Biochemistry</i> , 1983, 22, 3023-3026.	1.2	48
695	Incorporation of ganglioside analogs into fibroblast cell membranes. A spin-label study. <i>Biochemistry</i> , 1983, 22, 5041-5048.	1.2	160
696	Lipid-protein interactions in reconstituted membranes containing acetylcholine receptor. <i>Biochemistry</i> , 1983, 22, 5523-5535.	1.2	189
697	Synthesis and membrane interactions of spin-label bifunctional reagents. <i>Biochemistry</i> , 1983, 22, 881-892.	1.2	39
698	Gel to liquid-crystalline phase transitions of aqueous dispersions of polyunsaturated mixed-acid phosphatidylcholines. <i>Biochemistry</i> , 1983, 22, 1466-1473.	1.2	185
699	Collisions between nitrogen-14 and nitrogen-15 spin labels. 1. Lipid-lipid interactions in model membranes. <i>Biochemistry</i> , 1983, 22, 3137-3145.	1.2	25
700	Metabolic dependence of the fluidity of intact erythrocyte membrane. <i>Biochemical and Biophysical Research Communications</i> , 1983, 116, 547-554.	1.0	15
701	Subcellular distribution of nitroxide spin-labelled 9-aminoacridine in living KB cells. <i>Biochemical and Biophysical Research Communications</i> , 1983, 111, 1074-1081.	1.0	12
702	Spin label studies on synaptosomal membranes of rat brain cortex during aging. <i>Biochemical and Biophysical Research Communications</i> , 1983, 117, 688-694.	1.0	49
703	Development of the gastrointestinal mucosal barrier. Evidence for structural differences in microvillus membranes from newborn and adult rabbits. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 727, 201-208.	1.4	75
704	Lipid dynamics and protein-lipid interactions in rat colonic epithelial cell basolateral membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 728, 20-30.	1.4	30
705	The conformations of nitroxide-labelled fatty acid probes of membrane structure as studied by 2H-NMR. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 733, 256-263.	1.4	21
706	Electron spin resonance study on the mechanism of polyethylene glycol-membrane interaction. <i>FEBS Letters</i> , 1983, 151, 228-232.	1.3	13
707	Isoproterenol stimulates lipid methylation in C6 cells without affecting membrane fluidity. <i>FEBS Letters</i> , 1983, 164, 244-246.	1.3	10

#	ARTICLE	IF	CITATIONS
708	Spectra and physical properties of liposomes and monolayers of polymerizable phospholipids containing diacetylene groups in one or both acyl chains. <i>Biochemistry</i> , 1983, 22, 3194-3202.	1.2	75
709	A COMPARISON OF THE EFFECTS OF CHOLESTEROL AND 25-HYDROXYCHOLESTEROL ON EGG YOLK LECITHIN LIPOSOMES: SPIN LABEL STUDIES. <i>Annals of the New York Academy of Sciences</i> , 1983, 414, 140-152.	1.8	25
710	Simplified derivation of angular order and dynamics of rodlike fluorophores in models and membranes. Simultaneous estimation of the order and fluidity parameters for diphenylhexatriene by only coupling steady-state illumination polarization and lifetime of fluorescence. <i>Biophysical Journal</i> , 1983, 42, 205-218.	0.2	27
711	Membrane interactions with general and local anaesthetics: A review of molecular hypotheses of anaesthesia. <i>Molecular Aspects of Medicine</i> , 1983, 6, 459-573.	2.7	59
712	An electron spin resonance spectral study of the dynamics of spin-labelled fatty acids bound to oxidoreductases. <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1983, 61, 144-149.	1.3	0
713	A microscopic model for ordered chain systems. <i>Journal of Chemical Physics</i> , 1983, 79, 992-996.	1.2	1
714	Lower Levels of Erythrocyte Membrane Fluidity in Diabetic Patients: A Spin Label Study. <i>Diabetes</i> , 1983, 32, 585-591.	0.3	72
715	Outer and Inner Membrane Preparations of Extreme Thermophile and Their Physico-Chemical Properties ¹ . <i>Journal of Biochemistry</i> , 1983, 93, 225-234.	0.9	4
716	Structural Description of Water-in-Oil Microemulsions Using Electrical Resistance. <i>Zeitschrift Fur Elektrochemie Und Elektrochemie</i> , 1983, 87, 1115-1120.	0.9	17
717	A Molecular Field Theory of Lipid Systems. <i>Journal of the Physical Society of Japan</i> , 1983, 52, 1935-1945.	0.7	1
718	Fluorometric analysis of the micelle formation process of surfactants in aqueous solution. I. Utility of pyrene in determination of the critical micelle concentration.. <i>Chemical and Pharmaceutical Bulletin</i> , 1983, 31, 1296-1300.	0.6	14
719	HVJ-Mediated Fusion between Erythrocyte Membranes and Liposomes Containing Glycophorin. <i>Journal of Biochemistry</i> , 1983, 94, 1955-1966.	0.9	18
720	Recent Developments in Spin Label EPR Methodology for Biomembrane Studies. <i>Current Topics in Bioenergetics</i> , 1984, , 107-157.	2.7	10
721	Interaction between Glycophorin and Ganglioside GM1 on Liposomal Membranes. Effect of the Interaction on the Susceptibility of Membranes to HVJ. <i>Journal of Biochemistry</i> , 1984, 96, 229-235.	0.9	8
722	Experimental application of the new theory of slowly tumbling axially symmetric ESR hyperfine centers in amorphous samples. <i>Journal of Chemical Physics</i> , 1984, 80, 3948-3955.	1.2	10
723	Further studies on the molecular dynamics of the glass transition and the glass state using EPR probes. <i>Physical Review B</i> , 1984, 30, 2319-2333.	1.1	40
724	Temperature-dependent ESR hyperfine constants for nitroxides and orientational correlation time determination. <i>Journal of Chemical Physics</i> , 1984, 81, 4206-4209.	1.2	15
725	Modulation of canine myocardial sarcolemmal membrane fluidity by amphiphilic compounds.. <i>Circulation Research</i> , 1984, 55, 585-594.	2.0	117

#	ARTICLE	IF	CITATIONS
726	Chlorpromazine Inhibits Neutrophil Chemotaxis Beyond the Chemotactic Receptor-Ligand Interaction. <i>Journal of Infectious Diseases</i> , 1984, 150, 643-652.	1.9	18
727	Lineshapes in frequency-swept and field-swept epr for spin. <i>Journal of Magnetic Resonance</i> , 1984, 58, 186-203.	0.5	17
728	Permeabilities and stabilities of large dihexadecylphosphate and dioctadecyldimethylammonium chloride vesicles. <i>Journal of Colloid and Interface Science</i> , 1984, 100, 433-443.	5.0	46
729	Cholesterol blocks the disordering effects of ethanol in biomembranes. <i>Lipids</i> , 1984, 19, 929-935.	0.7	45
730	The modification of mammalian membrane polyunsaturated fatty acid composition in relation to membrane fluidity and function. <i>BBA - Biomembranes</i> , 1984, 779, 89-137.	7.9	1,435
731	Membrane fluidity in malignancy Adversative and recuperative. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1984, 738, 251-261.	3.3	75
732	Membrane fluidity and myotonia: Effects of cholesterol and desmosterol on erythrocyte membrane fluidity in rats with 20,25-diazacholesterol-induced myotonia and on phospholipid liposomes. <i>Bioscience Reports</i> , 1984, 4, 115-120.	1.1	6
733	Membrane actions of water-soluble fusogens: Effect of dimethyl sulfoxide, glycerol and sucrose on lipid bilayer order and fluidity. <i>Chemistry and Physics of Lipids</i> , 1984, 34, 363-372.	1.5	15
734	Spin-labeled phorbol esters and their interaction with cellular membranes. I. Synthesis of spin-labeled phorbol-12, 13-diesters and related compounds. <i>Chemistry and Physics of Lipids</i> , 1984, 35, 151-159.	1.5	10
735	Fluidity and Function of Hepatocyte Plasma Membranes. <i>Hepatology</i> , 1984, 4, 140-151.	3.6	239
736	³¹ P and ¹⁹ F NMR studies of glycoporphin-reconstituted membranes: Preferential interaction of glycoporphin with phosphatidylserine. <i>Journal of Membrane Biology</i> , 1984, 78, 1-7.	1.0	16
737	Comparative study of Ca ²⁺ binding to lipoprotein(a) and low density lipoprotein by spin labeling. <i>Chemistry and Physics of Lipids</i> , 1984, 35, 143-150.	1.5	1
738	Environment of the sulfhydryl groups in bovine heart mitochondrial H ⁺ -ATPase. <i>Journal of Bioenergetics and Biomembranes</i> , 1984, 16, 465-475.	1.0	7
739	Adenylate cyclase and membrane fluidity. <i>Molecular and Cellular Biochemistry</i> , 1984, 60, 17-31.	1.4	32
740	Interactions between components in biological membranes and their implications for membrane function. <i>Progress in Biophysics and Molecular Biology</i> , 1984, 43, 195-257.	1.4	134
741	Quinolinic acid, an endogenous metabolite with neurotoxic properties, alters the physical state of membrane proteins in human erythrocytes. <i>Life Sciences</i> , 1984, 35, 501-509.	2.0	5
742	Activity of human erythrocyte gangliosides as a receptor to HVJ. <i>Virology</i> , 1984, 133, 172-182.	1.1	29
743	Effect of unsaturated acids on membrane structure and enzyme kinetics. <i>Progress in Lipid Research</i> , 1984, 23, 69-96.	5.3	369

#	ARTICLE	IF	CITATIONS
744	Fluorescent sterols: Probe molecules of membrane structure and function. <i>Progress in Lipid Research</i> , 1984, 23, 97-113.	5.3	108
745	A self-consistent chain model for the phase transitions in lipid bilayer membranes. <i>Biophysical Journal</i> , 1984, 46, 371-382.	0.2	8
746	Abnormal insulin binding and membrane physical properties of a Friend erythroleukemia clone resistant to dimethylsulfoxide-induced differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1984, 803, 39-47.	1.9	6
747	Electron-spin resonance studies of lipid-modified microsomes from Friend erythroleukemia cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1984, 804, 245-252.	1.9	2
748	Thermotropic properties and molecular dynamics of cholesteryl ester rich very low density lipoproteins: effect of hydrophobic core on polar surface. <i>Biochemistry</i> , 1984, 23, 5343-5352.	1.2	32
749	Fluorine-19 nuclear magnetic resonance investigation of fluorine-19-labeled phospholipids. 2. A line-shape analysis. <i>Biochemistry</i> , 1984, 23, 6142-6146.	1.2	12
750	Asymmetric lipid fluidity in human erythrocyte membrane: new spin-label evidence. <i>Biochemistry</i> , 1984, 23, 4271-4275.	1.2	146
751	Membrane fluidity of Chinese hamster ovary cells on plasma fibronectin-coated microcarriers. <i>Experimental Cell Research</i> , 1984, 150, 77-83.	1.2	8
752	<i>Plasmodium berghei</i> : Electron spin resonance and lipid analysis of infected mouse erythrocyte membranes. <i>Experimental Parasitology</i> , 1984, 57, 178-184.	0.5	21
753	Isaxonine base is a strong perturber of phospholipid bilayer order and fluidity—A differential scanning calorimetry and spin labeling study. <i>Biochemical Pharmacology</i> , 1984, 33, 2407-2417.	2.0	5
754	Lipid peroxidation increases the molecular order of microsomal membranes. <i>Archives of Biochemistry and Biophysics</i> , 1984, 235, 644-649.	1.4	103
755	Selectivity in rhodopsin-phospholipid interactions. <i>Archives of Biochemistry and Biophysics</i> , 1984, 234, 394-404.	1.4	0
756	Thermal adaptation of <i>Tetrahymena</i> membranes with special reference to mitochondria II. Preferential interaction of cardiolipin with specific molecular species of phospholipid. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 769, 563-570.	1.4	5
757	Protein-lipid interactions in antipodal plasma membranes of rat colonocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 773, 290-300.	1.4	58
758	Effects of insulin on the lipid structure of liver plasma membrane measured with fluorescence and ESR spectroscopic methods. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 776, 267-278.	1.4	16
759	Electron paramagnetic resonance studies of membrane proteins in hepatic microsomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 776, 159-168.	1.4	1
760	Raman temperature study of conformational changes in anhydrous dipalmitoylphosphatidylcholine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 778, 317-323.	1.4	5
761	Increase of the fluidity of the lipid bilayer of the inner mitochondrial membrane by succinate and phenylsuccinate: A study by EPR and fluorescence. <i>Biochemical and Biophysical Research Communications</i> , 1984, 119, 854-859.	1.0	8

#	ARTICLE	IF	CITATIONS
762	Interaction of anilinonaphtyl labeled spectrin with fatty acids and phospholipids: A fluorescence study. <i>Biochemical and Biophysical Research Communications</i> , 1984, 120, 344-350.	1.0	34
763	The Effects of Drugs on Membrane Fluidity. <i>Annual Review of Pharmacology and Toxicology</i> , 1984, 24, 43-64.	4.2	280
764	Comparison of metastable phase behavior of the complexes of dipalmitoyl phosphatidylglycerol with Mg ²⁺ and myelin basic protein. <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1984, 62, 11-18.	1.3	12
765	Molecular Orientation in the Smectic F Phase of N-(4-n-pentyloxybenzylidene)-4-n-hexylaniline. <i>Zeitschrift Fur Physikalische Chemie</i> , 1984, 141, 23-27.	1.4	1
766	Interaction of Digitonin and Its Analogs with Membrane Cholesterol. <i>Journal of Biochemistry</i> , 1984, 96, 1231-1239.	0.9	109
767	Effect of α -tocopherol on lipid peroxidation and acyl chain mobility of liver microsomes from vitamin E-deficient rat. <i>Journal of Nutritional Science and Vitaminology</i> , 1984, 30, 221-234.	0.2	36
768	Spin Label Study of the Effect of Ticlopidine on Platelets. <i>The Japanese Journal of Pharmacology</i> , 1985, 39, 59-61.	1.2	5
769	Radiation-induced changes in membrane hydrophobicity in liposomes. <i>Journal of Radiation Research</i> , 1985, 26, 418-425.	0.8	1
770	Membrane Lipids, Membrane Fluidity, and Enzyme Activity. , 1985, , 1-49.		9
771	Erythrocyte Membrane Fluidity Decreased in Uremic Hemodialyzed Patients. <i>Nephron</i> , 1985, 40, 185-188.	0.9	16
772	GABA Inhibits Inhalation Anaesthetic-Induced Membrane Fluidization: A Spin Label Study in Synaptic and Phospholipid Membranes. <i>Acta Pharmacologica Et Toxicologica</i> , 1985, 57, 154-159.	0.0	1
773	Chapter 6 Cholesterol and biomembrane structures. <i>New Comprehensive Biochemistry</i> , 1985, , 151-174.	0.1	3
774	Magnetic resonance studies of the pathophysiology of murine malaria. <i>Quarterly Reviews of Biophysics</i> , 1985, 18, 65-110.	2.4	16
775	A spin label ESR and saturation transfer-ESR study of archaebacteria bipolar lipids. <i>European Biophysics Journal</i> , 1985, 13, 67-76.	1.2	22
776	High resolution proton magnetic resonance of sonicated phospholipids. <i>European Biophysics Journal</i> , 1985, 11, 219.	1.2	33
777	Transverse heterogeneity in lipid fluidity in spinach thylakoids, photosystem II preparations, and thylakoid galactolipid vesicles. <i>Photosynthesis Research</i> , 1985, 6, 57-72.	1.6	6
778	Thermodynamic statistical evaluation of S and F from ESR experimental order parameters. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics</i> , <i>Biophysics</i> , 1985, 6, 585-592.	0.4	4
779	Effect of Lipid Composition on HVJ-Mediated Fusion of Glycophorin Liposomes to Erythrocytes. <i>Journal of Biochemistry</i> , 1985, 97, 1301-1310.	0.9	18

#	ARTICLE	IF	CITATIONS
780	Effects of Alcohols on Membrane Fluidity and Lipid Composition. , 1985, , 1-38.		4
781	Depolymerization of microtubules increases the motional freedom of molecular probes in cellular plasma membranes.. Journal of Cell Biology, 1985, 100, 1357-1362.	2.3	45
782	EPR probe study of the molecular dynamics of the supercooled liquid, the glass state, and the glass transition in liquid-crystalline MBBA [n-(p-methoxybenzylidene)-p-butylaniline]. Physical Review A, 1985, 32, 3647-3660.	1.0	15
783	Effect of Temperature on Protein Synthesis and Leucine Transport by Yeast Mitochondria. Membrane Biochemistry, 1985, 5, 291-307.	0.6	5
784	Role of peptide structure in lipid-peptide interactions: high-sensitivity differential scanning calorimetry and electron spin resonance studies of the structural properties of dimyristoylphosphatidylcholine membranes interacting with pentagastrin-related pentapeptides. Biochemistry, 1985, 24, 3135-3144.	1.2	27
785	Electron spin resonance and electron-spin-echo study of oriented multilayers of L alpha-dipalmitoylphosphatidylcholine water systems. Biophysical Journal, 1985, 48, 569-595.	0.2	63
786	Raman spectroscopy of nerve fibers. A study of membrane lipids under steady state conditions. Biophysical Journal, 1985, 47, 367-372.	0.2	37
787	Lipid phase of transverse tubule membranes from skeletal muscle. An electron paramagnetic resonance study. Biophysical Journal, 1985, 47, 757-764.	0.2	20
788	Effect of chronic alcohol consumption on rat brain microsome lipid composition, membrane fluidity and Na ⁺ -K ⁺ -ATPase activity. Life Sciences, 1985, 36, 1003-1017.	2.0	45
789	Differences in the reduction kinetics of incorporated spin labels in undifferentiated and differentiated mouse neuroblastoma cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 845, 189-195.	1.9	36
790	Spin-label studies on the origin of the specificity of lipid-protein interactions in sodium-potassium ATPase membranes from Squalus acanthias. Biochemistry, 1985, 24, 3572-3578.	1.2	77
791	Decreased lipid order induced by microsomal cytochrome P-450 and NADPH-cytochrome P-450 reductase in model membranes: fluorescence and electron spin resonance studies. Biochemistry, 1985, 24, 2889-2895.	1.2	23
792	Spin-label studies of lipid-protein interactions in sodium-potassium ATPase membranes from rectal glands of Squalus acanthias. Biochemistry, 1985, 24, 1386-1393.	1.2	78
793	Electron spin resonance study of phospholipid membranes employing a comprehensive line-shape model. Biochemistry, 1985, 24, 4383-4392.	1.2	108
794	Structure and motion of phospholipids in the chromatophore membrane from Rhodospirillum rubrum G-9. Biochemistry, 1985, 24, 983-989.	1.2	4
795	Construction of a high-pressure electron spin resonance spectrometer using a helix resonator. Analytical Chemistry, 1985, 57, 2517-2519.	3.2	2
796	Alterations in the physical state and composition of brush border membrane lipids of rat enterocytes during differentiation. Archives of Biochemistry and Biophysics, 1985, 240, 483-488.	1.4	44
797	ESR studies of the erythrocyte membrane skeletal protein network: Influence of the state of aggregation of spectrin on the physical state of membrane proteins, bilayer lipids, and cell surface carbohydrates. Biochimica Et Biophysica Acta - Biomembranes, 1985, 821, 420-430.	1.4	56

#	ARTICLE	IF	CITATIONS
798	The interaction of β^2 -adrenoceptor blocking drugs with platelet aggregation, calcium displacement and fluidization of the membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 821, 217-228.	1.4	35
799	Studies on the effect of iron overload on rat cortex synaptosomal membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 820, 216-222.	1.4	14
800	Regional differences in the lipid composition and fluidity of rat colonic brush-border membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 819, 10-17.	1.4	32
801	Absence of transbilayer diffusion of spin-labeled sphingomyelin on human erythrocytes. Comparison with the diffusion of several spin-labeled glycerophospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 815, 510-514.	1.4	59
802	Phase transitions and fatty acid spin label behavior in interdigitated lipid phases induced by glycerol and polymyxin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 816, 221-233.	1.4	114
803	The activity of membranes reconstituted from HVJ envelope proteins and lipids to induce hemolysis and fusion between liposomes and erythrocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 816, 321-331.	1.4	6
804	Kinetics of phospholipid transfer between liposomes (neutral or negatively charged) and high-density lipoproteins: a spin-label study of early events. <i>Lipids and Lipid Metabolism</i> , 1985, 835, 557-566.	2.6	8
805	Interaction of vinblastine sulfate with artificial phospholipid membranes. <i>Biochemical Pharmacology</i> , 1985, 34, 3081-3086.	2.0	9
806	HVJ-induced fusion of liposome to erythrocyte. <i>Experimental Cell Research</i> , 1985, 158, 29-40.	1.2	5
807	Selected positions of acyl chains are affected differently by antibody binding which results in decreased membrane fluidity. <i>FEBS Letters</i> , 1985, 190, 249-252.	1.3	9
808	Glutaryl phosphatidylcholine effects on pH and composition dependent behavior of liposomes studied by spin-labeling method. <i>Archives of Biochemistry and Biophysics</i> , 1986, 246, 716-724.	1.4	7
809	Preparation and characterization of F-protein vesicles isolated from Sendai virus by means of octyl glucoside. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 857, 1-12.	1.4	15
810	Spin-label studies on phosphatidylcholine-cholesterol membranes: effects of alkyl chain length and unsaturation in the fluid phase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 854, 307-317.	1.4	141
811	Effects of chlorpromazine and other calmodulin antagonists on phosphatidylcholine-induced vesiculation of platelet plasma membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 855, 58-62.	1.4	9
812	Membrane ordering effects of the anticancer agent VM-26. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 863, 297-304.	1.4	13
813	Modification of phospholipids in erythrocyte membranes by phospholipase D. A fluorescence and ESR spectroscopic study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 862, 100-110.	1.4	6
814	O ₂ ˙ ⁻ dependent lipid peroxidation does not affect the molecular order in hepatoma microsomes. <i>FEBS Letters</i> , 1986, 198, 301-306.	1.3	13
815	Hepatic oxidative drug metabolism and the microsomal milieu in a rat model of congenital hyperbilirubinemia. <i>Biochemical Pharmacology</i> , 1986, 35, 3831-3837.	2.0	2

#	ARTICLE	IF	CITATIONS
816	Fluidizing effects of centropheoxine on brain and liver membranes from different age groups of mice. <i>Life Sciences</i> , 1986, 39, 2089-2095.	2.0	19
817	Depolymerization of microtubules alters membrane potential and affects the motional freedom of membrane proteins. <i>Biochemistry</i> , 1986, 25, 5804-5809.	1.2	29
818	Deuterium nuclear magnetic resonance spectroscopic study of the fluorescent probe diphenylhexatriene in model membrane systems. <i>Biochemistry</i> , 1986, 25, 6517-6524.	1.2	32
819	Motion and surface accessibility of spin-labeled lipids in a model lipoprotein containing cholesteryl oleate, dimyristoylphosphatidylcholine, and apolipoprotein E. <i>Biochemistry</i> , 1986, 25, 7494-7501.	1.2	9
820	Dynamics and interactions of the anion channel in intact human erythrocytes: an electron paramagnetic resonance spectroscopic study employing a new membrane-impermeant bifunctional spin-label. <i>Biochemistry</i> , 1986, 25, 3824-3832.	1.2	47
821	Lateral distribution of a pyrene-labeled phosphatidylcholine in phosphatidylcholine bilayers: fluorescence phase and modulation study. <i>Biochemistry</i> , 1986, 25, 3813-3823.	1.2	77
822	Relationship between lipid fluidity and water permeability of bovine tracheal epithelial cell apical membranes. <i>Biochemistry</i> , 1986, 25, 1549-1555.	1.2	52
823	Cyclosporin A depolarizes cytoplasmic membrane potential and interacts with Ca ²⁺ ionophores. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1986, 886, 353-360.	1.9	34
824	Modulation of lipid fluidity of small- and large-intestinal antipodal membranes by Ca ²⁺ . <i>Biochemical Journal</i> , 1986, 239, 625-631.	1.7	23
825	Molecular devices: Carviologens as an approach to molecular wires--synthesis and incorporation into vesicle membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 5355-5359.	3.3	121
826	Early transmembrane events in alloimmune cytotoxic T-lymphocyte activation as revealed by stopped-flow fluorometry.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 1877-1880.	3.3	19
827	Ca ²⁺ -translocation activities of phosphatidylinositol, diacylglycerol and phosphatidic acid inferred by quin-2 in artificial membrane systems. <i>Chemistry and Physics of Lipids</i> , 1986, 39, 237-249.	1.5	14
828	The effects of aging on the hepatic microsomal mixed-function oxidase system of male and female monkeys. <i>Hepatology</i> , 1986, 6, 282-287.	3.6	54
829	Exogenous polyamines alter membrane fluidity in bean leaves ? a basis for potential misinterpretation of their true physiological role. <i>Planta</i> , 1986, 167, 395-401.	1.6	141
830	Correlation of side chain mobility with cholesterol retention by phospholipid vesicles. <i>Lipids</i> , 1986, 21, 691-696.	0.7	6
831	Formation of phosphoester bonds in phosphoglyceride synthesis. <i>Chemistry and Physics of Lipids</i> , 1986, 41, 1-51.	1.5	22
832	Evaluation of dielectric relaxation spectrum of phospholipids in solution by time domain reflectometry. <i>Journal of Chemical Physics</i> , 1986, 84, 6511-6517.	1.2	13
833	Electron spin resonance studies of erythrocytes from spontaneously hypertensive rats and humans with essential hypertension.. <i>Hypertension</i> , 1987, 9, III19-24.	1.3	46

#	ARTICLE	IF	CITATIONS
834	In Vitro Effects of Ethanol on Erythrocyte Membrane Fluidity of Alcoholic Patients: An Electron Spin Resonance Study. <i>Alcoholism: Clinical and Experimental Research</i> , 1987, 11, 332-335.	1.4	31
835	Dexamethasone-induced alterations in lipid composition and fluidity of rat proximal-small-intestinal brush-border membranes. <i>Biochemical Journal</i> , 1987, 248, 455-461.	1.7	28
836	ESR Study of Gel-Sol Transitions of Poly(L-leucine)-Benzene Solution by Spin-Labeling Technique. <i>Polymer Journal</i> , 1987, 19, 939-943.	1.3	2
837	[26] Lysogangliosides: Synthesis and use in preparing labeled gangliosides. <i>Methods in Enzymology</i> , 1987, 138, 319-341.	0.4	105
838	Molecular exchange at the lipid-rhodopsin interface: spin-label electron spin resonance studies of rhodopsin-dimyristoylphosphatidylcholine recombinants. <i>Biochemistry</i> , 1987, 26, 3234-3240.	1.2	71
839	General Anesthetic and Specific Effects of Ethanol on Acetylcholine Receptors. <i>Annals of the New York Academy of Sciences</i> , 1987, 492, 71-87.	1.8	31
840	Membrane fusion activity of succinylated melittin is triggered by protonation of its carboxyl groups. <i>Biochemistry</i> , 1987, 26, 4056-4062.	1.2	51
841	Activity of bile-salt-stimulated human milk lipase in the presence of liposomes and mixed taurocholate-phosphatidylcholine micelles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 905, 39-47.	1.4	3
842	Locations and dynamical perturbations for lipids of cationic forms of procaine, tetracaine, and dibucaine in small unilamellar phosphatidylcholine vesicles as studied by nuclear Overhauser effects in ¹ H nuclear magnetic resonance spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 903, 395-410.	1.4	49
843	The phase behaviour of dispersions of Bis-Azo PC: photoregulation of bilayer dynamics via lipid photochromism. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 903, 495-503.	1.4	12
844	Modification of membrane physical properties, biological response and insulin binding in Friend cells by low serum concentration. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 896, 165-172.	1.4	3
845	1,2-Dimethylhydrazine-induced alterations in colonic plasma membrane fluidity: restriction to the luminal region. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 896, 311-317.	1.4	5
846	The influence of dolichols on fluidity of mouse synaptic plasma membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 902, 385-393.	1.4	24
847	A long chain spin label for glycosphingolipid studies: transbilayer fatty acid interdigitation of lactosyl ceramide. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 902, 169-177.	1.4	34
848	Specific interaction of arabinose residue in ginsenoside with egg phosphatidylcholine vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 900, 267-274.	1.4	3
849	Dynamic fluorescence quenching studies on lipid mobilities in phosphatidylcholine-cholesterol membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 897, 238-248.	1.4	39
850	Two pools of cholesterol in acetylcholine receptor-rich membranes from Torpedo. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 897, 249-260.	1.4	44
851	Orientation and vertical fluctuations of spin-labeled analogues of cholesterol and androstanol in phospholipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 897, 341-345.	1.4	18

#	ARTICLE	IF	CITATIONS
852	Modulation of rat distal colonic brush-border membrane Na ⁺ /H ⁺ exchange by dexamethasone: role of lipid fluidity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 905, 485-493.	1.4	31
853	Dynamic properties of the haptenic site of lipid haptens in phosphatidylcholine membranes. Their relation to the phase transition of the host lattice. <i>Biophysical Journal</i> , 1987, 52, 187-197.	0.2	14
854	The effects of cholesterol on lateral diffusion and vertical fluctuations in lipid bilayers. An electron-electron double resonance (ELDOR) study. <i>Biophysical Journal</i> , 1987, 52, 1031-1038.	0.2	20
855	Influence of immune complexes on macrophage membrane fluidity: a nanosecond fluorescence anisotropy study. <i>Biochemistry</i> , 1987, 26, 6340-6348.	1.2	21
856	Is agonist self-inhibition at the nicotinic acetylcholine receptor a nonspecific action?. <i>Biochemistry</i> , 1987, 26, 2807-2814.	1.2	29
857	Involvement of erythrocyte skeletal proteins in the modulation of membrane fluidity by phenothiazines. <i>Biochemistry</i> , 1987, 26, 8133-8137.	1.2	41
858	Phase transitions of lipid bilayers. I. Density of states calculation. <i>Journal of Chemical Physics</i> , 1987, 87, 5483-5496.	1.2	4
859	Disparate molecular dynamics of plasmemylcholine and phosphatidylcholine bilayers. <i>Biochemistry</i> , 1987, 26, 4824-4830.	1.2	56
860	Spin-label studies on the specificity of interaction of cardiolipin with beef heart cytochrome oxidase. <i>Biochemistry</i> , 1987, 26, 8138-8145.	1.2	78
861	Influence of the calcium-induced gel phase on the behavior of small molecules in phosphatidylserine and phosphatidylserine-phosphatidylcholine multilamellar vesicles. <i>Biochemistry</i> , 1987, 26, 1757-1768.	1.2	36
862	Lipid acyl chain-dependent effects of sterols in <i>Acholeplasma laidlawii</i> membranes. <i>Journal of Bacteriology</i> , 1987, 169, 830-838.	1.0	27
863	An efficient method for the partial synthesis of mixed-chain phosphatidylethanolamines. <i>Tetrahedron Letters</i> , 1987, 28, 2327-2330.	0.7	18
864	Cyclosporin depolarizes human lymphocytes: earliest observed effect on cell metabolism. <i>European Journal of Immunology</i> , 1987, 17, 763-768.	1.6	53
865	Heterogeneity effects on permeability-partition coefficient relationships in human stratum corneum. <i>Pharmaceutical Research</i> , 1988, 05, 566-573.	1.7	143
866	Delivery of nitroxide spin label to cultured cells by liposomes. <i>Magnetic Resonance in Medicine</i> , 1988, 8, 160-170.	1.9	16
867	Spin-label assay for phospholipase A2. <i>Analytical Biochemistry</i> , 1988, 172, 397-402.	1.1	9
868	Interactions of poly (acrylic acid)-complexed dipalmitoylphosphatidylcholine vesicles with surfactants. <i>Colloids and Surfaces</i> , 1988, 32, 211-221.	0.9	2
869	Rapid determination of translational diffusion coefficients using ESR imaging. <i>Journal of Magnetic Resonance</i> , 1988, 79, 474-492.	0.5	9

#	ARTICLE	IF	CITATIONS
870	Order and membrane stability from magnetic resonance measurements: an application of statistical thermodynamics. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1988, 10, 793-803.	0.4	2
871	Ganglioside-protein interactions: spin-label electron spin resonance studies with sodium-potassium ATPase membranes. <i>Biochemistry</i> , 1988, 27, 2398-2403.	1.2	32
872	Influence of lipid headgroup on the specificity and exchange dynamics in lipid-protein interactions. A spin-label study of myelin proteolipid apoprotein-phospholipid complexes. <i>Biochemistry</i> , 1988, 27, 5296-5304.	1.2	55
873	Rotational diffusion of a steroid molecule in phosphatidylcholine membranes: effects of alkyl chain length, unsaturation, and cholesterol as studied by a spin-label method. <i>Biochemistry</i> , 1988, 27, 4407-4415.	1.2	41
874	Localizing the nitroxide group of fatty acid and voltage-sensitive spin-labels in phospholipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 940, 63-70.	1.4	56
875	Evidence that trans-bilayer interdigitation of glycosphingolipid long chain fatty acids may be a general phenomenon. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 939, 151-159.	1.4	58
876	Effect of hypothyroidism on the lipid composition and fluidity of rat colonic apical plasma membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 939, 189-196.	1.4	26
877	Calcium-induced condensation-reorganization phenomena in multilamellar vesicles of phosphatidic acid. pH potentiometric and ³¹ P-NMR, Raman and ESR spectroscopic studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 939, 523-532.	1.4	7
878	Temperature dependence of glucose transport in erythrocytes from normal and alloxan-diabetic rats. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 938, 222-230.	1.4	7
879	Interaction of a cyclic peptide, Ro09-0198, with phosphatidylethanolamine in liposomal membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 940, 180-187.	1.4	68
880	ESR studies on the ripple phase in multilamellar phospholipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 945, 73-80.	1.4	40
881	Globoside with spin-labelled fatty acid: bilayer lateral distribution and immune recognition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 943, 389-404.	1.4	16
882	Rat proximal small intestinal Golgi membranes: lipid composition and fluidity. <i>Lipids and Lipid Metabolism</i> , 1988, 958, 218-226.	2.6	12
883	Thermotropic phase transitions in totally synthetic surfactant vesicles and bilayers. , 1988, , 176-182.		5
884	Solute partitioning into lipid bilayer membranes. <i>Biochemistry</i> , 1988, 27, 5281-5289.	1.2	219
885	A simulation based model of NMRT1relaxation in lipid bilayer vesicles. <i>Journal of Chemical Physics</i> , 1988, 89, 1128-1140.	1.2	112
886	Membrane Lipids of B16 Melanoma Cells and Heat-resistant Variants. <i>International Journal of Radiation Biology</i> , 1988, 54, 813-823.	1.0	14
887	Is Ethanol a Discriminating Substance?. <i>Seminars in Liver Disease</i> , 1988, 8, 26-35.	1.8	16

#	ARTICLE	IF	CITATIONS
888	Effects of Calcium Antagonists on Membrane Fluidity in Hypertension--An Electron Spin Resonance Study. American Journal of Hypertension, 1988, 1, 283-286.	1.0	5
889	Luminescence spectroscopic approaches in studying cell surface dynamics. Quarterly Reviews of Biophysics, 1988, 21, 479-544.	2.4	49
890	Dexamethasone influences the lipid fluidity, lipid composition and glycosphingolipid glycosyltransferase activities of rat proximal-small-intestinal Golgi membranes. Biochemical Journal, 1988, 253, 401-408.	1.7	20
891	Membrane fluidity of erythrocytes and its relevance to renin profile in essential hypertension.. Japanese Circulation Journal, 1988, 52, 1301-1308.	1.0	11
892	Decreased membrane fluidity of erythrocytes and cultured vascular smooth muscle cells in spontaneously hypertensive rats: An electron spin resonance study. Clinical Science, 1988, 75, 477-480.	1.8	39
893	Cholestatrienol Time Resolved Fluorescence In Phosphatidylcholine Bilayers. Proceedings of SPIE, 1988, , .	0.8	4
894	The Effect of Dietary Essential Fatty Acid Deficiency on the Composition and Properties of the Liver Microsomal Membrane of Rats. Journal of Nutrition, 1988, 118, 1311-1318.	1.3	53
895	ESR Spin-labeling method of determining membrane fluidity in biological materials. Tissue culture cells, cardiac mitochondria, erythrocytes and epidermal cells.. Kurume Medical Journal, 1988, 35, 171-182.	0.0	16
896	Phase transitions of lipid bilayers. II. Mean field theory. Journal of Chemical Physics, 1989, 91, 1918-1925.	1.2	8
897	A mono- and bilayer study of homologous branched-chain lecithins. Liquid Crystals, 1989, 5, 1677-1690.	0.9	11
898	Effects of E. Coli O111:B4 Lipopolysaccharide on Spin-Labelled Murine Macrophage and Hepatocyte Membranes. Free Radical Research Communications, 1989, 8, 47-53.	1.8	5
899	Amine spin probe permeability in sonicated liposomes. Journal of Membrane Biology, 1989, 109, 53-64.	1.0	9
900	Decreased membrane fluidity in erythrocytes from patients with Crohn's disease. Gastroenterologia Japonica, 1989, 24, 246-254.	0.4	17
901	Interaction of staphylococcal delta-toxin and synthetic analogues with erythrocytes and phospholipid vesicles. Biological and physical properties of the amphipathic peptides. FEBS Journal, 1989, 183, 381-390.	0.2	40
902	A picosecond fluorescence study of the cone angle of the wobbling motion of rod-like fluorophore in lipid bilayers. Chemistry and Physics of Lipids, 1989, 50, 105-108.	1.5	7
903	Use of electron spin resonance spectroscopy of spin labels for studying drug-induced membrane perturbation. Journal of Pharmaceutical and Biomedical Analysis, 1989, 7, 649-675.	1.4	12
904	Effect of glycyrrhizin on the phosphatidylcholine-water system ESR and calorimetric study. Journal of Colloid and Interface Science, 1989, 133, 442-446.	5.0	4
905	Formation of fine three-phase emulsions by the liquid crystal emulsification method with arginine β -branched monoalkyl phosphate. Journal of Colloid and Interface Science, 1989, 129, 491-500.	5.0	97

#	ARTICLE	IF	CITATIONS
906	Iron-induced lipid peroxidation and inhibition of dopamine synthesis in striatum synaptosomes. <i>Neurochemical Research</i> , 1989, 14, 597-605.	1.6	52
907	Physical Principles Underlying the Experimental Methods for Studying the Orientational Order of Liquid Crystals. , 1989, 37, 879-931.		12
908	Trans-bilayer lipid interactions. <i>Trends in Biochemical Sciences</i> , 1989, 14, 2-4.	3.7	8
909	Spin trapping of lipid-derived radicals in liposomes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1989, 992, 230-235.	1.1	20
910	Selective detection of the rotational dynamics of the protein-associated lipid hydrocarbon chains in sarcoplasmic reticulum membranes. <i>Biophysical Journal</i> , 1989, 56, 735-748.	0.2	43
911	Chain configuration and flexibility gradient in phospholipid membranes. Comparison between spin-label electron spin resonance and deuterium nuclear magnetic resonance, and identification of new conformations. <i>Biophysical Journal</i> , 1989, 55, 111-123.	0.2	121
912	Dynamic imaging of lateral diffusion by electron spin resonance and study of rotational dynamics in model membranes. Effect of cholesterol. <i>Biophysical Journal</i> , 1989, 55, 537-550.	0.2	87
913	Electron spin resonance studies of erythrocyte membrane in spinocerebellar degeneration. <i>Journal of the Neurological Sciences</i> , 1989, 90, 281-290.	0.3	1
914	Bis(sulfo-N-succinimidyl) doxyl-2-spiro-5'-azelaate: synthesis, characterization, and reaction with the anion-exchange channel in intact human erythrocytes. <i>Biochemistry</i> , 1989, 28, 6583-6590.	1.2	9
915	Heart mitochondrial creatine kinase revisited: The outer mitochondrial membrane is not important for coupling of phosphocreatine production to oxidative phosphorylation. <i>Archives of Biochemistry and Biophysics</i> , 1989, 268, 176-190.	1.4	49
916	Behavior of spin labels in a variety of interdigitated lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 981, 243-253.	1.4	56
917	Human prostatesome membranes exhibit very high cholesterol/phospholipid ratios yielding high molecular ordering. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 984, 167-173.	1.4	123
918	A comparison of physical behaviour amongst four glycosphingolipid families. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 986, 281-289.	1.4	13
919	Propranolol-induced alterations in rat erythrocyte membrane fluidity and apparent phase-transition temperatures. <i>Biochemical Pharmacology</i> , 1989, 38, 2949-2955.	2.0	14
920	Decrease in the fluidity of brush-border membrane vesicles induced by gentamicin a spin-labeling study. <i>Biochemical Pharmacology</i> , 1989, 38, 1169-1174.	2.0	20
921	An electron spin resonance study of skin penetration enhancers. <i>International Journal of Pharmaceutics</i> , 1989, 49, 39-45.	2.6	43
922	Effects of cholesterol or gramicidin on slow and fast motions of phospholipids in oriented bilayers.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 8758-8762.	3.3	7
923	Nonanesthetic alcohols dissolve in synaptic membranes without perturbing their lipids.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 1084-1087.	3.3	69

#	ARTICLE	IF	CITATIONS
924	Properties of the aqueous vesicle dispersion formed with poly(oxyethylene) hydrogenated castor oil. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1990, 67, 55-60.	0.8	23
925	Chlordecone impairs Na ⁺ -stimulated I-[3H]glutamate transport and mobility of 16-doxyl stearate in rat liver plasma membrane vesicles. <i>Toxicology and Applied Pharmacology</i> , 1990, 105, 234-242.	1.3	4
926	Higher environmental temperature-induced change in synaptosomal acetylcholinesterase activity of brain regions. <i>Neurochemical Research</i> , 1990, 15, 231-236.	1.6	2
927	Influence of altered phospholipid composition of the membrane outer layer on red blood cell aggregation: relation to shape changes and glycocalyx structure. <i>European Biophysics Journal</i> , 1990, 18, 93-9.	1.2	16
928	Lateral diffusion of erythrocyte phospholipids in model membranes comparison between inner and outer leaflet components. <i>European Biophysics Journal</i> , 1990, 18, 33-41.	1.2	22
929	Local motion and conformational changes in the cuticle of <i>Clivia miniata</i> Regel. <i>Planta</i> , 1990, 181, 475-86.	1.6	10
930	The synthesis and molecular dynamics of phospholipids having hydroxylated fatty acids at the sn-2 position. <i>Chemistry and Physics of Lipids</i> , 1990, 52, 217-226.	1.5	18
931	A spin label ESR and saturation transfer ESR study of $\hat{\alpha}$ -tocopherol containing model membranes. <i>Chemistry and Physics of Lipids</i> , 1990, 53, 17-26.	1.5	27
932	Excess enthalpies for (ethane+ ethanol) at (298.15, 323.15, and 348.15) K and at (5, 10, and 15) MPa. <i>Journal of Chemical Thermodynamics</i> , 1990, 22, 683-694.	1.0	11
933	Organization and interaction of cholesterol and phosphatidylcholine in model bilayer membranes. <i>Biochemistry</i> , 1990, 29, 1025-1038.	1.2	155
934	Protein-mediated phospholipid translocation in the endoplasmic reticulum with a low lipid specificity. <i>Biochemistry</i> , 1990, 29, 2023-2027.	1.2	131
935	Rotational dynamics of the calcium ATPase in sarcoplasmic reticulum studied by time-resolved phosphorescence anisotropy. <i>Biochemistry</i> , 1990, 29, 3904-3914.	1.2	69
936	Rotational diffusion of a steroid molecule in phosphatidylcholine-cholesterol membranes: fluid-phase microimmiscibility in unsaturated phosphatidylcholine-cholesterol membranes. <i>Biochemistry</i> , 1990, 29, 4059-4069.	1.2	75
937	Influence of polar residue deletions on lipid-protein interactions with the myelin proteolipid protein. Spin-label ESR studies with DM-20/lipid recombinants. <i>Biochemistry</i> , 1990, 29, 2635-2638.	1.2	36
938	Mapping of collision frequencies for stearic acid spin labels by saturation-recovery electron paramagnetic resonance. <i>Biophysical Journal</i> , 1990, 58, 713-720.	0.2	34
939	Effects of idebenone on the composition of brain synaptosomal membranes of rats. <i>Archives of Gerontology and Geriatrics</i> , 1990, 11, 233-241.	1.4	0
940	Lipid-protein interactions in ADP-ATP carrier/egg phosphatidylcholine recombinants studied by spin-label ESR spectroscopy. <i>Biochemistry</i> , 1990, 29, 10664-10669.	1.2	48
941	Effects of cholesterol on conformational disorder in dipalmitoylphosphatidylcholine bilayers. A quantitative IR study of the depth dependence. <i>Biochemistry</i> , 1990, 29, 4368-4373.	1.2	86

#	ARTICLE	IF	CITATIONS
942	ESR analysis with long-chain alkyl spin labels in bovine blood platelets. Relationship between the increase in membrane fluidity by alcohols and phenolic compounds and their inhibitory effects on aggregation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1027, 123-129.	1.4	39
943	Glycosphingolipid interdigitation in phospholipid bilayers examined by deuterium NMR and EPR. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1025, 157-163.	1.4	16
944	Effects of steroid molecules on the dynamical structure of dioleoylphosphatidylcholine and digalactosyldiacylglycerol bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1022, 155-162.	1.4	22
945	NMR, calorimetric, spin-label, and optical studies on a trifluoromethyl-substituted styryl molecular probe in dimyristoylphosphatidylcholine vesicles and multilamellar suspensions: a model for location of optical probes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1024, 61-81.	1.4	22
946	Spin label ESR and ³¹ P-NMR studies of the cubic and inverted hexagonal phases of dimyristoylphosphatidylcholine/myristic acid (1:2, mol/mol) mixtures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1024, 89-94.	1.4	49
947	Fluidity of rat liver Golgi membranes in streptozotocin diabetes. A spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1022, 296-302.	1.4	3
948	The effect of ATP on the order and the mobility of lipids in the bovine erythrocyte membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1022, 361-364.	1.4	3
949	Deuterium nuclear magnetic resonance studies on the interaction of glycophorin with 1,2-dimyristoylamido-1,2-deoxyphosphatidylcholine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1024, 220-226.	1.4	18
950	Rats withdrawn from ethanol rapidly re-acquire membrane tolerance after resumption of ethanol feeding. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1021, 51-55.	1.4	3
951	Fatty acid pH titration and the selectivity of interaction with extrinsic proteins in dimyristoylphosphatidylglycerol dispersions. Spin label ESR studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1021, 63-69.	1.4	39
952	Structure and dynamics of microemulsions which mimic the lipid phase of low-density lipoproteins. <i>Lipids and Lipid Metabolism</i> , 1990, 1042, 42-50.	2.6	10
953	Microstructure, order and fluidity of 1,2-bis(tricoso-10,12-diynoyl)-sn-glycero-3-phosphocholine (DC8,9PC), a polymerizable lipid, by ESR and NMR. <i>Lipids and Lipid Metabolism</i> , 1990, 1046, 1-11.	2.6	10
954	Changes in lipid ordering of model phospholipid membranes treated with chrysotile and crocidolite asbestos. <i>Environmental Research</i> , 1990, 53, 152-167.	3.7	6
955	Does the xanthophyll cycle take part in the regulation of fluidity of the thylakoid membrane?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1991, 1060, 310-314.	0.5	108
956	Interaction of the membrane-bound D-lactate dehydrogenase of <i>Escherichia coli</i> with phospholipid vesicles and reconstitution of activity using a spin-labeled fatty acid as an electron acceptor: a magnetic resonance and biochemical study. <i>Biochemistry</i> , 1991, 30, 3893-3898.	1.2	13
957	An infrared spectroscopic study of specifically deuterated fatty-acyl methyl groups in phosphatidylcholine liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1065, 29-34.	1.4	14
958	EPR studies on the influence of chainlength on the segmental motion of spin-labelled fatty acids in dimyristoylphosphatidylcholine bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1063, 259-264.	1.4	17
959	Use of spin-labeled and fluorescent lipids to study the activity of the phospholipid transfer protein from maize seedlings. <i>Lipids and Lipid Metabolism</i> , 1991, 1082, 255-264.	2.6	12

#	ARTICLE	IF	CITATIONS
960	The effect of cholesterol on the accumulation of intracellular calcium. <i>Lipids and Lipid Metabolism</i> , 1991, 1085, 1-6.	2.6	28
961	Photodynamic action of merocyanine 540 on erythrocyte membranes: structural perturbation of lipid and protein constituents. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1075, 28-35.	1.1	48
962	Resolution of phospholipid conformational heterogeneity in model membranes by spin-label EPR and frequency-domain fluorescence spectroscopy. <i>Biophysical Journal</i> , 1991, 59, 654-669.	0.2	11
963	Spectroscopic investigation on the effect of the addition of ceramide into lipid vesicles. , 1991, , 435-438.		0
964	Location of the Ca ²⁺ -Transport Site of Ca ²⁺ -Transporting ATPase of the Sarcoplasmic Reticulum as Determined by Analysis of Paramagnetic Interaction between Gd ³⁺ Ions Bound at the Transport Site and Membrane-Embedded Nitroxide Spin Probes ¹ . <i>Journal of Biochemistry</i> , 1991, 110, 220-225.	0.9	8
965	Orientalional and motional properties of copper (II) complexes of dibenzotetraaza [14]annulenes in lipid bilayers: An ESR study. <i>Journal of Inorganic Biochemistry</i> , 1991, 44, 47-53.	1.5	2
966	Radiation-induced structural alterations in fish red blood cells. <i>Free Radical Biology and Medicine</i> , 1991, 11, 557-561.	1.3	5
967	Shapes and shape changes in vitro in normal red blood cells. <i>BBA - Biomembranes</i> , 1991, 1071, 273-290.	7.9	43
968	CHOLESTEROL CONTENT BUT NOT PLASMA MEMBRANE FLUIDITY INFLUENCES THE SUSCEPTIBILITY OF L1210 LEUKEMIA CELLS TO MEROCYANINE 540-SENSITIZED IRRADIATION. <i>Photochemistry and Photobiology</i> , 1991, 54, 717-723.	1.3	21
969	A spin label study of the action of cupric and mercuric ions on human red blood cells. <i>Toxicology</i> , 1991, 65, 315-323.	2.0	27
970	Transmembrane diffusion of fluorescent phospholipids in human erythrocytes. <i>Chemistry and Physics of Lipids</i> , 1991, 57, 29-37.	1.5	111
971	Synthesis of the spin-labeled derivative of an ether-linked phospholipid possessing high antineoplastic activity. <i>Chemistry and Physics of Lipids</i> , 1991, 58, 19-26.	1.5	6
972	Ionizing radiation-induced structural modification of human red blood cells. <i>Radiation and Environmental Biophysics</i> , 1991, 30, 45-52.	0.6	18
973	Novel high-performance liquid chromatography for determination of membrane phospholipid composition of rat hepatocytes. <i>Gastroenterologia Japonica</i> , 1991, 26, 628-632.	0.4	9
974	An Investigation of Smectic "Nematic and Nematic" Isotropic Phase Transitions. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 168, 39-47.	0.7	8
975	Comments on: Phase diagrams and structures of lecithin/water systems with branched lecithin components. <i>Colloid and Polymer Science</i> , 1991, 269, 412-414.	1.0	0
976	Lipid fluidity and composition of the erythrocyte membrane from healthy dogs and labrador retrievers with hereditary muscular dystrophy. <i>Neurochemical Research</i> , 1991, 16, 129-135.	1.6	20
977	Liposomes as cyclosporin A carriers: ESR study of cyclosporin A interaction with 1,2-dimyristoyl-sn-3-phosphatidylglycerol liposomest. <i>Journal of Microencapsulation</i> , 1991, 8, 455-463.	1.2	3

#	ARTICLE	IF	CITATIONS
978	Cytoskeletal Modulation of Plasma Membrane Events Induced by Interferon- β . Journal of Interferon Research, 1992, 12, 249-255.	1.2	5
979	Effect of Artificial Boundary Lipid on the Membrane Dynamics of Human Glycophorin-Containing Liposome. Bulletin of the Chemical Society of Japan, 1992, 65, 3331-3334.	2.0	12
980	Spin Labelling at Oxidation Sites in Polymers. Molecular Crystals and Liquid Crystals, 1992, 219, 127-134.	0.3	4
981	Hypothesis: possible role of magnesium and calcium in the development of structure and function of the plasma membrane in mammalian cells and in human diseases.. Journal of the American College of Nutrition, 1992, 11, 410-425.	1.1	10
982	Synaptosomal Membrane Fluidity, Lipid Peroxidation and Superoxide Dismutase Activity in the Brain of Amygdala-Kindled Rats. Psychiatry and Clinical Neurosciences, 1992, 46, 957-966.	1.0	0
983	Effect of glycolipids on the phase behavior and dynamic properties of phospholipid liposomes. Biochemical and Biophysical Research Communications, 1992, 186, 1294-1298.	1.0	3
984	The amino-terminal peptide of HIV-1 glycoprotein 41 interacts with human erythrocyte membranes: peptide conformation, orientation and aggregation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1992, 1139, 257-274.	1.8	88
985	Studies on toxicological mechanisms of gas-phase cigarette smoke and protection effects of GTP. Research on Chemical Intermediates, 1992, 17, 39-57.	1.3	4
986	Saturation transfer, continuous wave saturation, and saturation recovery electron spin resonance studies of chain-spin labeled phosphatidylcholines in the low temperature phases of dipalmitoyl phosphatidylcholine bilayers. Effects of rotational dynamics and spin-spin interactions. Biophysical Journal, 1992, 61, 879-891.	0.2	29
987	Cigarette smoke exposure increases the cell water organization and membrane order of cultured T cells. Biochemical and Biophysical Research Communications, 1992, 185, 624-629.	1.0	3
988	Interfacial ionization and partitioning of membrane-bound local anaesthetics. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1103, 62-68.	1.4	94
989	Effects of polar carotenoids on dimyristoylphosphatidylcholine membranes: a spin-label study. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1105, 97-108.	1.4	138
990	Transmembrane redistribution of phospholipids of the human red cell membrane during hypotonic hemolysis. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1105, 170-176.	1.4	37
991	Interaction of the malonyldialdehyde molecule with membranes. Biochemical Pharmacology, 1992, 44, 1787-1793.	2.0	19
992	Synthesis of 2'-(3-benzyloxy-24-norcholan-23-yl)-2',4',4'-trimethyl-4',5'-dihydrooxazoline-n-oxyl - a new potential spin probe for biomembranes. Tetrahedron, 1992, 48, 133-148.	1.0	14
993	Comparative spin probe investigation of the properties of human thyroxin-binding sites TBG and apolipoprotein A-1. Journal of Applied Spectroscopy, 1992, 57, 765-770.	0.3	0
994	Liver microsomal hydroxylating system in mice with the toxic form of influenza. Bulletin of Experimental Biology and Medicine, 1992, 114, 967-970.	0.3	3
995	Melittin-induced alterations in dynamic properties of human red blood cell membranes. Chemico-Biological Interactions, 1992, 82, 135-149.	1.7	19

#	ARTICLE	IF	CITATIONS
996	Structural transition of the human lymphocyte plasma membrane: an ESR approach. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1992, 14, 207-212.	0.4	0
997	Molecular organization in DODAC membrane fragments. <i>Journal of Colloid and Interface Science</i> , 1992, 148, 118-128.	5.0	9
998	Characterization of vesicles formed by alkenesuccinic acids. <i>Journal of Colloid and Interface Science</i> , 1992, 151, 571-578.	5.0	1
999	Differential molecular dynamics and transmembrane fluidity gradients in canine myocardial sarcolemma and sarcoplasmic reticulum. <i>Chemistry and Physics of Lipids</i> , 1992, 61, 111-119.	1.5	3
1000	Interaction of capsaicin with human erythrocyte membranes. <i>Phytotherapy Research</i> , 1993, 7, 310-313.	2.8	2
1001	Effect of hyperbaric oxygenation on the Na ⁺ , K ⁺ -ATPase and membrane fluidity of cerebrocortical membranes after experimental subarachnoid hemorrhage. <i>Neurochemical Research</i> , 1993, 18, 1033-1039.	1.6	41
1002	Exhaustive exercise affects fluidity and alpha-tocopherol levels in brain synaptosomal membranes of normal and vitamin E supplemented rats. <i>Neurochemical Research</i> , 1993, 18, 313-316.	1.6	10
1003	Microenvironment changes in human blood platelet membranes associated with binding of tissue-type plasminogen activator. <i>FEBS Journal</i> , 1993, 215, 867-871.	0.2	8
1004	Molecular dynamics in biopolymers as studied by magnetic resonance. <i>Progress in Polymer Science</i> , 1993, 18, 651-716.	11.8	8
1005	Effect of ultraviolet activated alfa-terthienyl upon anal gill membrane of mosquito larvae: a spin label study. <i>Biochemical Systematics and Ecology</i> , 1993, 21, 441-447.	0.6	3
1006	Investigation of the molecular motion of spin-labeled lysozyme in solution by the use of ESP spectra and electron spin relaxation. <i>Applied Magnetic Resonance</i> , 1993, 5, 285-305.	0.6	2
1007	Mitogens-DPPC-vesicles interaction: A spin label ESR study. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1993, 15, 1397-1404.	0.4	0
1008	Hydrophobicity estimations by reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1993, 656, 485-499.	1.8	191
1009	Fluorescence anisotropy studies on the interaction of the short chain n-alkanols with stratum corneum lipid liposomes (SCLL) and distearoylphosphatidylcholine (DSPC)/distearoylphosphatidic acid (DSPA) liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1148, 139-151.	1.4	29
1010	The effect of general anesthetics on the dynamics of phosphatidylcholine-acetylcholine receptor interactions in reconstituted vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1147, 143-153.	1.4	18
1011	Simultaneous changes in lipid composition, fluidity and enzyme activity in piglet intestinal brush border membrane as affected by dietary polyunsaturated fatty acid deficiency. <i>Lipids and Lipid Metabolism</i> , 1993, 1166, 229-237.	2.6	34
1012	Motions of short DNA duplexes: An analysis of DNA dynamics using an EPR-active probe. <i>Biochemistry</i> , 1993, 32, 1774-1787.	1.2	60
1013	Solute diffusion in lipid bilayer membranes: An atomic level study by molecular dynamics simulation. <i>Biochemistry</i> , 1993, 32, 12624-12637.	1.2	164

#	ARTICLE	IF	CITATIONS
1014	Destruction of stearic acid nitroxyl radicals mediated by photoexcited merocyanine 540 in liposomal and micellar systems. <i>Biochemistry</i> , 1993, 32, 2730-2736.	1.2	14
1015	Probing biomembrane interfacial potential and pH profiles with a new type of float-like fluorophores positioned at varying distance from the membrane surface. <i>Biochemistry</i> , 1993, 32, 10057-10066.	1.2	75
1016	Phospholipid asymmetry and transmembrane diffusion in photoreceptor disk membranes. <i>Biochemistry</i> , 1993, 32, 879-888.	1.2	62
1017	Effect of glycosphingolipid fatty acid chain length on behavior in unsaturated phosphatidylcholine bilayers: A deuterium NMR study. <i>Biochemistry</i> , 1993, 32, 290-297.	1.2	30
1018	Dynamics of the membrane lipid phase. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1993, 48, 27-32.	1.0	30
1019	A computer simulation of free-volume distributions and related structural properties in a model lipid bilayer. <i>Biophysical Journal</i> , 1993, 65, 1108-1120.	0.2	69
1020	Trans-unsaturated lipid dynamics: modulation of dielaidoylphosphatidylcholine acyl chain motion by ethanol. <i>Biophysical Journal</i> , 1993, 65, 1620-1631.	0.2	9
1021	Exchange rates at the lipid-protein interface of the myelin proteolipid protein determined by saturation transfer electron spin resonance and continuous wave saturation studies. <i>Biophysical Journal</i> , 1993, 64, 622-631.	0.2	39
1022	The Amino-Terminal Peptide of HIV-1 gp41 Interacts with Human Serum Albumin. <i>AIDS Research and Human Retroviruses</i> , 1993, 9, 1145-1156.	0.5	26
1023	ASYMMETRY IN LIPOSOME. <i>Journal of Dispersion Science and Technology</i> , 1993, 14, 675-683.	1.3	5
1025	Preparation and Properties of Liposomes Stabilized with Pluronic F-68. <i>Journal of Japan Oil Chemists Society</i> , 1994, 43, 567-573.	0.1	0
1026	A collision gradient method to determine the immersion depth of nitroxides in lipid bilayers: application to spin-labeled mutants of bacteriorhodopsin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 1667-1671.	3.3	442
1027	Physicochemical properties of a muramyl dipeptide derivative (B30-MDP) related to membrane formation. <i>Colloid and Polymer Science</i> , 1994, 272, 1281-1288.	1.0	5
1028	The ESR characterization of molecular mobility in the lipid surface layer of human serum lipoproteins. <i>Chemistry and Physics of Lipids</i> , 1994, 70, 101-108.	1.5	11
1029	An electron spin resonance study: I. Effect of Azone® on 5-doxyl stearic acid-labeled human stratum corneum. <i>International Journal of Pharmaceutics</i> , 1994, 104, 61-72.	2.6	21
1030	Electron paramagnetic resonance investigations of free radical-induced alterations in neocortical synaptosomal membrane protein infrastructure. <i>Free Radical Biology and Medicine</i> , 1994, 17, 321-331.	1.3	88
1031	Human serum-sensitive <i>Trypanosoma brucei</i> rhodesienses: a comparison with serologically identical human serum-resistant clones. <i>Molecular and Biochemical Parasitology</i> , 1994, 66, 211-220.	0.5	28
1032	EPR spectroscopy of poorly characterized systems: A historical and current view. <i>Applied Magnetic Resonance</i> , 1994, 6, 161-181.	0.6	6

#	ARTICLE	IF	CITATIONS
1033	ESR studies of spin-labeled membranes aligned by isopotential spin-dry ultracentrifugation: lipid-protein interactions. <i>Biophysical Journal</i> , 1994, 67, 2326-2344.	0.2	44
1034	Studies on lipid membranes by two-dimensional Fourier transform ESR: Enhancement of resolution to ordering and dynamics. <i>Biophysical Journal</i> , 1994, 66, 1489-1504.	0.2	45
1035	Do the long fatty acid chains of sphingolipids interdigitate across the center of a bilayer of shorter chain symmetric phospholipids?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1189, 233-241.	1.4	43
1036	Partitioning of vasoactive intestinal polypeptide into lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1191, 324-330.	1.4	18
1037	Properties of phosphatidylcholine bilayers as revealed by mixed-acyl phospholipid fluorescent probes containing n-(9-anthroyloxy) fatty acids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1194, 99-108.	1.4	17
1038	Spin label EPR study of the effects of monovalent cations, anions, and chaotropics on DPPC multilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1195, 229-236.	1.4	15
1039	Water transport across biological membranes. <i>FEBS Letters</i> , 1994, 346, 115-122.	1.3	96
1040	Strategies for the synthesis of glycerophospholipids. <i>Progress in Lipid Research</i> , 1994, 33, 239-328.	5.3	74
1041	2-(3-Benzyloxy-24-norcholan-23-yl)-2,4,4-trimethyl-5-dihydrooxazoline-N-oxyl as a potential spin probe for model membranes. <i>Steroids</i> , 1994, 59, 377-382.	0.8	5
1042	Location of M13 Coat Protein in Sodium Dodecyl Sulfate Micelles As Determined by NMR. <i>Biochemistry</i> , 1994, 33, 12990-12997.	1.2	120
1043	ESR Study of Membrane Perturbation and the Lysis of Liposomes Induced by Chlorpromazine.. <i>Chemical and Pharmaceutical Bulletin</i> , 1994, 42, 123-129.	0.6	6
1044	Protective Effect of Glycine against Liposome Membrane-Perturbation and Lysis Induced by Chlorpromazine.. <i>Chemical and Pharmaceutical Bulletin</i> , 1994, 42, 1890-1895.	0.6	5
1045	Lipid Dynamics in Brush Border Membrane. <i>Current Topics in Membranes</i> , 1994, , 167-195.	0.5	4
1046	[19] Site-specific dynamics in DNA: Theory and experiment. <i>Methods in Enzymology</i> , 1995, 261, 451-509.	0.4	16
1047	Fluidity of the lipid domain of cell wall from <i>Mycobacterium chelonae</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11254-11258.	3.3	135
1048	An efficient and stereospecific synthesis of 1-stearoyl-2-[(z,z,z)-9,12,15-linolenoyl]-sn-glycerophosphocholine and its bioactivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995, 5, 1919-1922.	1.0	2
1049	Mechanism of promotion of lymphatic drug absorption by milk fat globule membrane. <i>International Journal of Pharmaceutics</i> , 1995, 118, 55-64.	2.6	26
1050	Stopped-flow kinetic and biophysical studies of membrane-associated d-lactate dehydrogenase of <i>Escherichia coli</i> . <i>BBA - Proteins and Proteomics</i> , 1995, 1252, 269-277.	2.1	3

#	ARTICLE	IF	CITATIONS
1051	An electron spin resonance study of human epidermal lipids using 5-doxyl stearic acid. <i>Journal of Controlled Release</i> , 1995, 36, 235-241.	4.8	6
1052	A comparative electron spin resonance investigation on the effects of barbital and tetracaine on DPPC multilayers. <i>Applied Magnetic Resonance</i> , 1995, 9, 553-566.	0.6	1
1053	Computer simulations of the electron spin resonance spectra of steroid and fatty acid nitroxide probes in bilayer systems. <i>Journal of Chemical Physics</i> , 1995, 102, 3135-3145.	1.2	15
1054	Antivirals That Target the Amino-Terminal Domain of HIV Type 1 Glycoprotein 41. <i>AIDS Research and Human Retroviruses</i> , 1995, 11, 677-686.	0.5	18
1055	Tear lipocalins bind a broad array of lipid ligands. <i>Current Eye Research</i> , 1995, 14, 363-372.	0.7	165
1056	Integration of a K ⁺ Channel-Associated Peptide in a Lipid Bilayer: Conformation, Lipid-Protein Interactions, and Rotational Diffusion. <i>Biochemistry</i> , 1995, 34, 3893-3898.	1.2	40
1057	Electron spin resonance studies of fatty acid-induced alterations in membrane fluidity in cultured endothelial cells. <i>International Journal of Biochemistry and Cell Biology</i> , 1995, 27, 665-673.	1.2	25
1058	Selective labeling of membrane protein sulfhydryl groups with methanethiosulfonate spin label. <i>Journal of Proteomics</i> , 1995, 30, 287-299.	2.4	8
1059	Changes in physical properties of vacuolar membrane during transformation of protein bodies into vacuoles in germinating pumpkin seeds. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1239, 103-110.	1.4	21
1060	Use of a novel method for determination of partition coefficients to compare the effect of local anesthetics on membrane structure. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1240, 25-33.	1.4	96
1061	EPR study of spermine interaction with multilamellar phosphatidylcholine liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1240, 89-94.	1.4	7
1062	Glycosphingolipid acyl chain order profiles: substituent effects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1235, 239-248.	1.4	15
1063	Stopped-flow fluorometric study of the interaction of melittin with phospholipid bilayers: importance of the physical state of the bilayer and the acyl chain length. <i>Biophysical Journal</i> , 1995, 69, 1999-2010.	0.2	38
1064	Motion of Spin-Labeled Side Chains in T4 Lysozyme. Correlation with Protein Structure and Dynamics. <i>Biochemistry</i> , 1996, 35, 7692-7704.	1.2	590
1065	Submicrosecond phospholipid dynamics using a long-lived fluorescence emission anisotropy probe. <i>Biophysical Journal</i> , 1996, 71, 1837-1852.	0.2	23
1066	Phase Transition Studies in 4-(4-n-Alkyloxy Benzoyloxy Benzylidene)-2-Methylaniline Homologous Series. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 287, 239-247.	0.3	8
1067	ESR Study on DMPC and DMPG Bilayers in the (L ₁ ± H ₂ O) Phase. <i>Langmuir</i> , 1996, 12, 6651-6658.	1.6	28
1068	Relationship Between Macroscopic and Microscopic Viscosities in Starch Gels. <i>Journal of Dispersion Science and Technology</i> , 1996, 17, 367-377.	1.3	2

#	ARTICLE	IF	CITATIONS
1069	Effects of Fumonisin B1 on Oxygen Transport in Membranes. <i>Biochemical and Biophysical Research Communications</i> , 1996, 225, 250-255.	1.0	13
1070	Lipid Chain Dynamics and Molecular Location of Diacylglycerol in Hydrated Binary Mixtures with Phosphatidylcholine: Spin Label ESR Studies. <i>Biochemistry</i> , 1996, 35, 3831-3836.	1.2	51
1071	Effect of fatty acid saturation in membrane lipid bilayers on simple diffusion in the presence of ethanol at high concentrations. <i>Journal of Bioscience and Bioengineering</i> , 1996, 81, 406-411.	0.9	35
1072	Alterations of Lipoprotein Fluidity by Non-Esterified Fatty Acids Known to Affect Cholesteryl Ester Transfer Protein Activity. An Electron Spin Resonance Study. <i>FEBS Journal</i> , 1996, 236, 436-442.	0.2	18
1073	The antioxidant effect of eugenol on CCl4-induced erythrocyte damage in rats. <i>Journal of Nutritional Biochemistry</i> , 1996, 7, 23-28.	1.9	46
1074	Interaction of partially unfolded forms of Torpedo acetylcholinesterase with liposomes. <i>Protein Science</i> , 1996, 5, 42-51.	3.1	21
1075	Conformation and molecular topography of the N-terminal segment of surfactant protein B in structure-promoting environments. <i>Protein Science</i> , 1996, 5, 1662-1675.	3.1	77
1076	Effects of Ganglioside GD1a on the Fluidity and Phase Transition of Phosphatidylcholine Model Membrane Immobilized on Porous Cellulose Acetate Filter. <i>Bioscience, Biotechnology and Biochemistry</i> , 1996, 60, 1976-1981.	0.6	2
1077	Effects of Actinomyces Amphiphile on the Fluidity of Endothelial Cells: A Spin Label Study. <i>Journal of Dental Research</i> , 1996, 75, 1002-1007.	2.5	0
1078	Dynamics of lipid bilayers from comparative analysis of 2H and 13C nuclear magnetic resonance relaxation data as a function of frequency and temperature. <i>Journal of Chemical Physics</i> , 1997, 107, 10288-10310.	1.2	82
1079	Liver microsomal membrane fluidity and microsomal desaturase activities in adult spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 1997, 15, 863-869.	0.3	22
1080	Discrimination of Doxylpalmitic Acids by β -Cyclodextrin: ESR Study of Stability, Conformation, and Dynamics. <i>Bulletin of the Chemical Society of Japan</i> , 1997, 70, 1255-1260.	2.0	8
1081	Hydrogen Bonding of Water to Phosphatidylcholine in the Membrane As Studied by a Molecular Dynamics Simulation: Location, Geometry, and Lipid-Lipid Bridging via Hydrogen-Bonded Water. <i>Journal of Physical Chemistry A</i> , 1997, 101, 3677-3691.	1.1	223
1082	NO Interacts with the Tyrosine Radical YD of Photosystem II To Form an Iminoxyl Radical. <i>Biochemistry</i> , 1997, 36, 1411-1417.	1.2	68
1083	Adsorption of Cationic Surfactants on Titanium Dioxide with a Hydrophobic Group Anchor and Their Adsorption Behaviors. <i>Langmuir</i> , 1997, 13, 2803-2807.	1.6	42
1084	10,10-Bis(2-ethylhexyl)-9,9-bianthryl (BOA) Molecule: The First Free Aromatic Probe for the Core of Micelles. <i>Langmuir</i> , 1997, 13, 1907-1917.	1.6	18
1085	Mapping of the Residues Involved in a Proposed β -Strand Located in the Ferric Enterobactin Receptor FepA Using Site-Directed Spin-Labeling. <i>Biochemistry</i> , 1997, 36, 13027-13033.	1.2	64
1086	Spin-label electron spin resonance studies on the interactions of lysine peptides with phospholipid membranes. <i>Biophysical Journal</i> , 1997, 73, 2546-2555.	0.2	52

#	ARTICLE	IF	CITATIONS
1087	Phase Transition between Microemulsion and Lamellar Liquid Crystal. <i>Langmuir</i> , 1997, 13, 2001-2006.	1.6	34
1088	Aging and Caloric Restriction Affect Mitochondrial Respiration and Lipid Membrane Status: An Electron Paramagnetic Resonance Investigation. <i>Free Radical Biology and Medicine</i> , 1997, 23, 191-201.	1.3	71
1089	The stereospecific synthesis of mixed-acid phospholipids with polyunsaturated fatty acid from d-mannitol. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 451-458.	1.8	11
1090	The efficient synthesis of mixed diacyl phospholipids with polyunsaturated fatty acid in sn-2 position of glycerol. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3019-3021.	1.8	14
1091	Extracting order parameters from powder EPR lineshapes for spin-labelled lipids in membranes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1997, 53, 2235-2240.	2.0	20
1092	Characterization of lipid membrane dynamics by simulation: I. Torsion angle motions of the linear chains. , 1997, 41, 37-50.		5
1093	ACTH binding to phospholipid bilayers: A1H-NMR study of the 5-14, 1-14, and 1-24 derivatives. <i>Biopolymers</i> , 1997, 42, 731-744.	1.2	5
1094	Site-specific effect of radical scavengers on the resistance of low density lipoprotein to copper-mediated oxidative stress: influence of α -tocopherol and temperature. <i>Chemistry and Physics of Lipids</i> , 1998, 92, 139-149.	1.5	4
1095	Adsorption of Sodium Dodecyl Sulfate and 2-Naphthol Adsorption on Titanium Dioxide with Quaternary Ammonium Groups. <i>Langmuir</i> , 1998, 14, 199-203.	1.6	22
1096	The reaction of lanthanide ions with n-doxyl stearic acids and its utilization for the ESR study on the permeability of lipid-bilayer of erythrocyte membrane to gadolinium ions. <i>Journal of Inorganic Biochemistry</i> , 1998, 69, 1-7.	1.5	27
1097	Structural changes in human tear lipocalins associated with lipid binding. <i>BBA - Proteins and Proteomics</i> , 1998, 1386, 145-156.	2.1	55
1098	The differential miscibility of lipids as the basis for the formation of functional membrane rafts. <i>BBA - Biomembranes</i> , 1998, 1376, 467-479.	7.9	452
1099	Adsorption Characteristics of Cationic Surfactants on Titanium Dioxide with Quaternary Ammonium Groups and Their Adsorption. <i>Journal of Colloid and Interface Science</i> , 1998, 202, 377-384.	5.0	11
1100	An electron spin resonance study of the soy bean phosphatidylcholine-based reversed micelles. <i>Applied Magnetic Resonance</i> , 1998, 14, 497-512.	0.6	10
1101	The adsorption of endothelin 1 to phospholipids is governed by electrostatic interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 1998, 10, 405-412.	2.5	2
1102	Interfacial tension of the two-component bilayer lipid membrane modelling of cell membrane. <i>Bioelectrochemistry</i> , 1998, 46, 199-204.	1.0	42
1103	Effects of fumonisin B1 on lipid peroxidation in membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1371, 134-142.	1.4	60
1104	Effects of mitochondrial respiratory stimulation on membrane lipids and proteins: an electron paramagnetic resonance investigation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1372, 163-173.	1.4	37

#	ARTICLE	IF	CITATIONS
1105	Synthesis of macrocyclic phosphates as models of archa eal membrane lipids. Monolayer and bilayer studies. <i>New Journal of Chemistry</i> , 1998, 22, 63-69.	1.4	14
1106	The Calcium-Dependent Binding of Annexin V to Phospholipid Vesicles Influences the Bilayer Inner Fluidity Gradient. <i>Biochemistry</i> , 1998, 37, 10540-10546.	1.2	33
1107	Investigation of the Molecular Motion of Self-Assembled Fatty Acid Films. <i>Journal of Physical Chemistry B</i> , 1998, 102, 2668-2676.	1.2	24
1108	Phase Transitions in Phospholipid Vesicles: Excited State Prototropism of 1-Naphthol as a Novel Probe Concept. <i>Langmuir</i> , 1998, 14, 2256-2262.	1.6	72
1109	Influence of Lipid/Peptide Hydrophobic Mismatch on the Thickness of Diacylphosphatidylcholine Bilayers. A 2H NMR and ESR Study Using Designed Transmembrane α -Helical Peptides and Gramicidin A. <i>Biochemistry</i> , 1998, 37, 9333-9345.	1.2	248
1110	Antioxidant capacity of prostasomes in human semen. <i>Molecular Human Reproduction</i> , 1998, 4, 667-672.	1.3	90
1111	Inhibition of Membrane Lipid Peroxidation by a Radical Scavenging Mechanism: a Novel Function for Hydroxyl-Containing Ionophores. <i>Free Radical Research</i> , 1998, 28, 301-318.	1.5	9
1112	Adsorption of a Trimeric Surfactant on Titanium Dioxide with Quaternary Ammonium Groups. <i>Journal of the Japan Society of Colour Material</i> , 1998, 71, 494-499.	0.0	1
1113	Influence of cholesterol on dynamics of dimyristoylphosphatidylcholine bilayers as studied by deuterium NMR relaxation. <i>Journal of Chemical Physics</i> , 1999, 110, 8802-8818.	1.2	119
1114	Different Membrane Anchoring Positions of Tryptophan and Lysine in Synthetic Transmembrane α -Helical Peptides. <i>Journal of Biological Chemistry</i> , 1999, 274, 20839-20846.	1.6	298
1115	Peptide Ligands Can Bind to Distinct Sites in Integrin α 5 β 3 and Elicit Different Functional Responses. <i>Journal of Biological Chemistry</i> , 1999, 274, 16923-16932.	1.6	86
1116	Microphase Separation in Low Density Lipoproteins. <i>Journal of Biological Chemistry</i> , 1999, 274, 1334-1341.	1.6	30
1117	Influence of surfactant mixtures on intercellular lipid fluidity and skin barrier function. <i>Skin Research and Technology</i> , 1999, 5, 96-101.	0.8	29
1118	Chronic Lead Intoxication Affects the Myelin Membrane Status in the Central Nervous System of Adult Rats. <i>Journal of Molecular Neuroscience</i> , 1999, 13, 127-140.	1.1	38
1119	Platelet membrane fluidity individuals at risk for Alzheimer's disease: a comparison of results from fluorescence spectroscopy and electron spin resonance spectroscopy. <i>Psychopharmacology</i> , 1999, 145, 175-180.	1.5	109
1120	Synthesis of a novel lipopeptide with α -melanocyte-stimulating hormone peptide ligand and its effect on liposome stability. <i>Lipids</i> , 1999, 34, 387-394.	0.7	35
1121	Effects of conjugated linoleic acid on oxygen diffusion-concentration product and depletion in membranes by using electron spin resonance spin-label oximetry. <i>Lipids</i> , 1999, 34, 1017-1023.	0.7	14
1122	Differences in the surface membranes and water content between the vegetative cells and spores of <i>Bacillus subtilis</i> . <i>Cell Biochemistry and Function</i> , 1999, 17, 9-13.	1.4	13

#	ARTICLE	IF	CITATIONS
1123	Ca ²⁺ -Induced Increased Lipid Packing and Domain Formation in Submitochondrial Particles. A Possible Early Step in the Mechanism of Ca ²⁺ -Stimulated Generation of Reactive Oxygen Species by the Respiratory Chain. <i>Biochemistry</i> , 1999, 38, 13279-13287.	1.2	156
1124	Abnormalities of membrane function and lipid metabolism in hypertension A review. <i>American Journal of Hypertension</i> , 1999, 12, 315-331.	1.0	192
1125	Benzodiazepine localisation at the lipid-water interface: effect of membrane composition and drug chemical structure. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1418, 221-231.	1.4	42
1126	Charge Pairing of Headgroups in Phosphatidylcholine Membranes: A Molecular Dynamics Simulation Study. <i>Biophysical Journal</i> , 1999, 76, 1228-1240.	0.2	192
1127	Control of Lipid Membrane Stability by Cholesterol Content. <i>Biophysical Journal</i> , 1999, 76, 2072-2080.	0.2	192
1128	Structural Features of the C-Terminal Domain of Bovine Rhodopsin: A Site-Directed Spin-Labeling Study. <i>Biochemistry</i> , 1999, 38, 7918-7924.	1.2	101
1129	An Assessment of the Applicability of Multifrequency ESR to Study the Complex Dynamics of Biomolecules. <i>Journal of Physical Chemistry B</i> , 1999, 103, 6384-6396.	1.2	171
1130	Motion of Spin-Labeled Side Chains in T4 Lysozyme: Effect of Side Chain Structure. <i>Biochemistry</i> , 1999, 38, 2947-2955.	1.2	97
1131	Side Chain Mobility and Ligand Interactions of the G Strand of Tear Lipocalins by Site-Directed Spin Labeling. <i>Biochemistry</i> , 1999, 38, 13707-13716.	1.2	42
1132	Synthesis of a Small Library of Mixed-Acid Phospholipids from D-Mannitol as a Homochiral Starting Material. <i>Chemical and Pharmaceutical Bulletin</i> , 1999, 47, 1659-1663.	0.6	10
1133	Alteration in Membrane Fluidity of Rat Liver Microsomes and of Liposomes by Protoporphyrin and Its Anti-lipidperoxidative Effect. <i>Biological and Pharmaceutical Bulletin</i> , 2000, 23, 415-419.	0.6	11
1134	Mapping the catalytic pocket of phospholipases A2 and C using a novel set of phosphatidylcholines. <i>Biochemical Journal</i> , 2000, 346, 679.	1.7	2
1135	Mapping the catalytic pocket of phospholipases A2 and C using a novel set of phosphatidylcholines. <i>Biochemical Journal</i> , 2000, 346, 679-690.	1.7	7
1136	Preparation, morphological characterization, and activity of thin films of horseradish peroxidase. <i>Langmuir</i> , 2000, 16, 488-495.		49
1137	How bradykinin alters the lipid membrane structure: A spin label comparative study with bradykinin fragments and other cations. <i>Biopolymers</i> , 2000, 54, 211-221.	1.2	22
1138	Fast and Accurate Characterization of Biological Membranes by EPR Spectral Simulations of Nitroxides. <i>Journal of Magnetic Resonance</i> , 2000, 142, 254-265.	1.2	78
1139	Psychoactive cannabinoids and membrane signaling. <i>Human Psychopharmacology</i> , 2000, 15, 535-549.	0.7	7
1140	Electron paramagnetic resonance: a new technique in skin research. <i>Skin Research and Technology</i> , 2000, 6, 100-107.	0.8	8

#	ARTICLE	IF	CITATIONS
1141	Electron paramagnetic resonance study utilizing stripping method on normal human stratum corneum. <i>Skin Research and Technology</i> , 2000, 6, 108-111.	0.8	7
1142	Compared effects of cholesterol and 7-dehydrocholesterol on sphingomyelin-glycerophospholipid bilayers studied by ESR. <i>Biophysical Chemistry</i> , 2000, 84, 269-279.	1.5	29
1143	Correlation between the effects of a cationic peptide on the hydration and fluidity of anionic lipid bilayers: a comparative study with sodium ions and cholesterol. <i>Biophysical Chemistry</i> , 2000, 87, 87-102.	1.5	19
1144	Effect of surfactants on human stratum corneum: electron paramagnetic resonance study. <i>International Journal of Pharmaceutics</i> , 2000, 197, 193-202.	2.6	27
1145	The EPR study of LDL perturbed by alcohols with different molecular architecture. <i>Alcohol</i> , 2000, 21, 141-147.	0.8	2
1146	Influence of cholesterol on liposome fluidity by EPR. <i>Journal of Controlled Release</i> , 2000, 68, 85-95.	4.8	159
1147	Possible Protective Effect of Kolaviron on CCl ₄ -Induced Erythrocyte Damage in Rats. <i>Bioscience Reports</i> , 2000, 20, 259-264.	1.1	11
1148	Quenching of Cascade Reaction Between Triplet and Photochrome Probes with Nitroxide Radicals. <i>Applied Biochemistry and Biotechnology</i> , 2000, 89, 231-248.	1.4	9
1149	Mechanism of the Chilling-Induced Decrease in Proton Pumping across the Tonoplast of Rice Cells. <i>Plant and Cell Physiology</i> , 2000, 41, 840-849.	1.5	35
1150	Molecular Dynamics Generation of Nonarbitrary Membrane Models Reveals Lipid Orientational Correlations. <i>Biophysical Journal</i> , 2000, 79, 3118-3138.	0.2	64
1151	Role of insulin in the regulation of membrane fluidity of erythrocytes in essential hypertension: an electron paramagnetic resonance investigation*1. <i>American Journal of Hypertension</i> , 2000, 13, 376-382.	1.0	21
1152	Interactions between cholesterol and lipids in bilayer membranes. Role of lipid headgroup and hydrocarbon chain-backbone linkage. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1467, 39-53.	1.4	158
1153	Comparative dynamics and location of chain spin-labelled sphingomyelin and phosphatidylcholine in dimyristoyl phosphatidylcholine membranes studied by EPR spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1468, 359-366.	1.4	19
1154	Vitamin E, membrane fluidity, and blood pressure in hypertensive and normotensive rats. <i>Life Sciences</i> , 2000, 67, 1881-1889.	2.0	34
1155	An Electron Spin Resonance Study on the Phase Transition of the Molecular Assembly Comprising Cetyltrimethylammonium Chloride/Cetyl Alcohol/Water. <i>Langmuir</i> , 2000, 16, 6136-6140.	1.6	14
1156	Effects of Brain Mitochondrial Metabolism, Aging, and Caloric Restriction on Membrane Lipids and Proteins. , 2000, , 177-200.		0
1157	Molecular Motion of Spin Labeled Side Chains in Î±-Helices: Analysis by Variation of Side Chain Structure. <i>Biochemistry</i> , 2001, 40, 3828-3846.	1.2	266
1158	Effects of Bilirubin Molecular Species on Membrane Dynamic Properties of Human Erythrocyte Membranes: A Spin Label Electron Paramagnetic Resonance Spectroscopy Study. <i>Archives of Biochemistry and Biophysics</i> , 2001, 387, 57-65.	1.4	36

#	ARTICLE	IF	CITATIONS
1159	Fast Lipid Disorientation at the Onset of Membrane Fusion Revealed by Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2001, 81, 217-224.	0.2	45
1160	Cholesterol Effects on the Phosphatidylcholine Bilayer Nonpolar Region: A Molecular Simulation Study. <i>Biophysical Journal</i> , 2001, 81, 2190-2202.	0.2	146
1161	Hyperinsulinemia and membrane fluidity: Hyperinsulinemia is a determinant of membrane fluidity of erythrocytes in essential hypertension. <i>American Journal of Hypertension</i> , 2001, 14, 419-423.	1.0	31
1162	Alzheimer's Disease Amyloid- β Binds Copper and Zinc to Generate an Allosterically Ordered Membrane-penetrating Structure Containing Superoxide Dismutase-like Subunits. <i>Journal of Biological Chemistry</i> , 2001, 276, 20466-20473.	1.6	595
1163	A Multifrequency ESR Study of the Complex Dynamics of Membranes. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11053-11056.	1.2	62
1164	Fluidity Changes in Thylakoid Membranes of Durum Wheat Induced by Oxidative Stress: A Spin Probe EPR Study. <i>Journal of Physical Chemistry B</i> , 2001, 105, 3127-3134.	1.2	9
1165	Electrochemistry at Lipid Monolayer-Modified Liquid-Liquid Interfaces as an Improvement to Drug Partitioning Studies. <i>Journal of Physical Chemistry B</i> , 2001, 105, 10884-10892.	1.2	43
1166	Elasticity of vesicles assessed by electron spin resonance, electron microscopy and extrusion measurements. <i>International Journal of Pharmaceutics</i> , 2001, 217, 13-24.	2.6	177
1167	Adsorption and adsolubilization of surfactants on titanium dioxides with functional groups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 176, 25-34.	2.3	20
1168	Structure of vesicles in homogeneous short-chain polyoxyethylene cholesterol ether systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 181, 237-246.	2.3	25
1169	Structural and thermal characterization of dioctadecyldimethylammonium bromide dispersions by spin labels. <i>Chemistry and Physics of Lipids</i> , 2001, 111, 93-104.	1.5	64
1170	Quantitative Characterization of Membrane Binding of Peripheral Proteins by Spin-Label EPR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2002, 106, 8870-8877.	1.2	7
1171	Interaction of albumin with the endothelial cell surface. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H398-H405.	1.5	32
1172	Measurement of 4-Hydroxy-2,2,6,6-Tetramethyl-Piperidine-N-Oxyl by high Performance Liquid Chromatography-Electrospray Ionisation Mass Spectrometry. <i>Journal of Chemical Research</i> , 2002, 2002, 574-575.	0.6	2
1173	Membrane structural changes support the involvement of mitochondria in the bile salt-induced apoptosis of rat hepatocytes. <i>Clinical Science</i> , 2002, 103, 475-485.	1.8	27
1174	Membrane structural changes support the involvement of mitochondria in the bile salt-induced apoptosis of rat hepatocytes. <i>Clinical Science</i> , 2002, 103, 475.	1.8	9
1175	Dysfunction of dermal fibroblasts induced by advanced glycation end-products (AGEs) and the contribution of a nonspecific interaction with cell membrane and AGEs. <i>Journal of Dermatological Science</i> , 2002, 29, 171-180.	1.0	39
1176	A new spin on protein dynamics. <i>Trends in Biochemical Sciences</i> , 2002, 27, 288-295.	3.7	403

#	ARTICLE	IF	CITATIONS
1177	Quantifying the Lateral Lipid Domain Properties in Erythrocyte Ghost Membranes Using EPR-Spectra Decomposition. <i>Journal of Magnetic Resonance</i> , 2002, 157, 52-60.	1.2	13
1178	The Effect of Lipophilicity of Spin-Labeled Compounds on Their Distribution in Solid Lipid Nanoparticle Dispersions Studied by Electron Paramagnetic Resonance. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 58-66.	1.6	40
1179	Binding of sea anemone pore-forming toxins sticholysins I and II to interfaces—Modulation of conformation and activity, and lipid—protein interaction. <i>Chemistry and Physics of Lipids</i> , 2003, 122, 97-105.	1.5	38
1180	Spin-label electron spin resonance studies of micellar dispersions of PEGs—PEs polymer-lipids. <i>Chemistry and Physics of Lipids</i> , 2003, 124, 111-122.	1.5	12
1181	Monitoring RNA Base Structure and Dynamics Using Site-Directed Spin Labeling—. <i>Biochemistry</i> , 2003, 42, 6772-6783.	1.2	118
1182	Molecular Dynamics of 1-Palmitoyl-2-oleoylphosphatidylcholine Membranes Containing Transmembrane ±-Helical Peptides with Alternating Leucine and Alanine Residues. <i>Biochemistry</i> , 2003, 42, 3939-3948.	1.2	45
1183	Copper Excess Reduces the Fluidity of Plasma Membrane Lipids of Wheat Roots:— a Spin Probe EPR Study. <i>Journal of Physical Chemistry B</i> , 2003, 107, 12021-12028.	1.2	11
1184	±-Synuclein Association with Phosphatidylglycerol Probed by Lipid Spin Labels—. <i>Biochemistry</i> , 2003, 42, 12919-12926.	1.2	101
1185	Lipid—Protein Interactions and Effect of Local Anesthetics in Acetylcholine Receptor-Rich Membranes from <i>Torpedo marmorata</i> Electric Organ—. <i>Biochemistry</i> , 2003, 42, 9167-9175.	1.2	65
1186	Phosphorylation Triggers Domain Separation in the DNA Binding Response Regulator NarL—. <i>Biochemistry</i> , 2003, 42, 2552-2559.	1.2	41
1187	A spin labelling study of immunomodulating peptidoglycan monomer and adamantyltripeptides entrapped into liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1611, 187-196.	1.4	28
1188	Lipid—protein interactions in <i>Escherichia coli</i> membranes over-expressing the sugar—H+ symporter, GalP. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1611, 243-248.	1.4	7
1189	Lipid-Gramicidin Interactions: Dynamic Structure of the Boundary Lipid by 2D-ELDOR. <i>Biophysical Journal</i> , 2003, 84, 3364-3378.	0.2	32
1190	Effects of a Carane Derivative Local Anesthetic on a Phospholipid Bilayer Studied by Molecular Dynamics Simulation. <i>Biophysical Journal</i> , 2003, 85, 1248-1258.	0.2	28
1191	Sterol Structure and Sphingomyelin Acyl Chain Length Modulate Lateral Packing Elasticity and Detergent Solubility in Model Membranes. <i>Biophysical Journal</i> , 2003, 85, 3788-3801.	0.2	64
1192	Dietary Lipids in the Aetiology of Alzheimer's Disease. <i>Drugs and Aging</i> , 2003, 20, 399-418.	1.3	36
1193	Lipid—Protein Interactions with Cardiac Phospholamban Studied by Spin-Label Electron Spin Resonance—. <i>Biochemistry</i> , 2003, 42, 5151-5158.	1.2	11
1194	Metal Ions, pH, and Cholesterol Regulate the Interactions of Alzheimer's Disease Amyloid- β^2 Peptide with Membrane Lipid. <i>Journal of Biological Chemistry</i> , 2003, 278, 2977-2982.	1.6	190

#	ARTICLE	IF	CITATIONS
1195	Structure and Dynamics of Annexin 12 Bound to a Planar Lipid Bilayer. <i>Physical Review Letters</i> , 2003, 91, 188101.	2.9	17
1196	Neurotoxic, Redox-competent Alzheimer's \hat{I}^2 -Amyloid Is Released from Lipid Membrane by Methionine Oxidation. <i>Journal of Biological Chemistry</i> , 2003, 278, 42959-42965.	1.6	176
1197	Effects of Chemical Structure and Temperature on Sphere-to-Rod Transition of Micelles in the Aqueous Solution of [Sodium Salicylate]/[Quaternary Ammonium Salt-Type Cationic Surfactant]. <i>Journal of Oleo Science</i> , 2003, 52, 421-428.	0.6	1
1198	Enhanced Toxicity and Cellular Binding of a Modified Amyloid \hat{I}^2 Peptide with a Methionine to Valine Substitution. <i>Journal of Biological Chemistry</i> , 2004, 279, 42528-42534.	1.6	99
1199	Structure and Dynamics of a Helical Hairpin that Mediates Calcium-dependent Membrane Binding of Annexin B12. <i>Journal of Biological Chemistry</i> , 2004, 279, 32492-32498.	1.6	19
1200	Drug permeation in biomembranes. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 23, 13-47.	1.9	167
1201	Antioxidant effects of water- and lipid-soluble nitroxide radicals in liposomes. <i>Free Radical Biology and Medicine</i> , 2004, 37, 2042-2051.	1.3	26
1202	EPR investigation of cell membrane fluidity upon external oxidative stimulus. <i>Applied Magnetic Resonance</i> , 2004, 27, 77-86.	0.6	8
1203	Structural characterization of diC14-amidine, a pH-sensitive cationic lipid used for transfection. <i>Chemistry and Physics of Lipids</i> , 2004, 131, 197-204.	1.5	13
1204	The membrane lateral domain approach in the studies of lipidâ€protein interaction of GPI-anchored bovine erythrocyte acetylcholinesterase. <i>European Biophysics Journal</i> , 2004, 33, 715-725.	1.2	19
1205	Investigating fatty acids inserted into magnetically aligned phospholipid bilayers using EPR and solid-state NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2004, 168, 228-237.	1.2	11
1206	Improved Yields in the Synthesis of Spinâ€Labeled Fatty Acids. <i>Synthetic Communications</i> , 2004, 34, 3763-3771.	1.1	2
1207	Association of Spin-Labeled Lipids with \hat{I}^2 -Barrel Proteins from the Outer Membrane of <i>Escherichia coli</i> . <i>Biochemistry</i> , 2004, 43, 11630-11636.	1.2	28
1208	Spin-Labeled Gramicidin A: Channel Formation and Dissociation. <i>Biophysical Journal</i> , 2004, 87, 3504-3517.	0.2	52
1209	Lateral Ordering of Lipid Chains in Cholesterol-Containing Membranes: High-Field Spin-Label EPR. <i>Biophysical Journal</i> , 2004, 86, 264-271.	0.2	32
1210	Orientation and Lipid-Peptide Interactions of Gramicidin A in Lipid Membranes: Polarized Attenuated Total Reflection Infrared Spectroscopy and Spin-Label Electron Spin Resonance. <i>Biophysical Journal</i> , 2004, 86, 1521-1531.	0.2	41
1211	The Triple Layer Model: A Different Perspective on Lipid Bilayers. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 1183-1191.	0.8	2
1212	ESR Spin Probe Investigation of Chain Ordering of a Triglycerol Membrane. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 269-273.	2.0	9

#	ARTICLE	IF	CITATIONS
1213	Membrane binding of \hat{I}^2 -glycoprotein I can be described by a two-state reaction model: an atomic force microscopy and surface plasmon resonance study. <i>Biochemical Journal</i> , 2005, 389, 665-673.	1.7	48
1214	Aggregation behavior of hexadecyltrimethylammonium surfactants with various counterions in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 755-760.	5.0	98
1215	Quantification of lipid bilayer effective microviscosity and fluidity effect induced by propofol. <i>Biophysical Chemistry</i> , 2005, 114, 53-61.	1.5	47
1216	The behaviour of \hat{I}^2 -carotene in the phosphatidylcholine bilayer as revealed by a molecular simulation study. <i>Chemistry and Physics of Lipids</i> , 2005, 135, 27-37.	1.5	25
1217	Asymmetric Transbilayer Distribution of Sterol across Plasma Membranes Determined by Fluorescence Quenching of Dehydroergosterol. <i>FEBS Journal</i> , 1982, 122, 649-661.	0.2	105
1218	Therapeutic role of <i>Cuminum cyminum</i> on ethanol and thermally oxidized sunflower oil induced toxicity. <i>Phytotherapy Research</i> , 2005, 19, 416-421.	2.8	34
1219	Methylation of the Imidazole Side Chains of the Alzheimer Disease Amyloid- \hat{I}^2 Peptide Results in Abolition of Superoxide Dismutase-like Structures and Inhibition of Neurotoxicity. <i>Journal of Biological Chemistry</i> , 2005, 280, 13355-13363.	1.6	110
1220	Calcium- and Membrane-Induced Changes in the Structure and Dynamics of Three Helical Hairpins in Annexin B12. <i>Biochemistry</i> , 2005, 44, 16435-16444.	1.2	12
1221	Synthesis and Biological Evaluation of Spin-Labeled Alkylphospholipid Analogs. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6393-6399.	2.9	21
1222	Electron paramagnetic resonance studies of magnetically aligned phospholipid bilayers utilizing a phospholipid spin label: The effect of cholesterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1714, 141-151.	1.4	9
1223	Peptide-lipid interaction monitored by spin labeled biologically active melanocortin peptides. <i>Peptides</i> , 2005, 26, 1825-1834.	1.2	6
1224	Phosphatidylethanolamine-Phosphatidylglycerol Bilayer as a Model of the Inner Bacterial Membrane. <i>Biophysical Journal</i> , 2005, 88, 1091-1103.	0.2	278
1225	Trisialoganglioside GT1b Prevents Increase in Sperm Membrane Molecular Ordering Induced by In Vitro Lipid Peroxidation. <i>Journal of Andrology</i> , 2005, 26, 724-731.	2.0	3
1226	Building Up of the Liquid-Ordered Phase Formed by Sphingomyelin and Cholesterol. <i>Biophysical Journal</i> , 2005, 88, 4032-4044.	0.2	77
1227	Effects of a Short-Chain Ceramide on Bilayer Domain Formation, Thickness, and Chain Mobility: DMPC and Asymmetric Ceramide Mixtures. <i>Biophysical Journal</i> , 2006, 90, 2394-2403.	0.2	37
1228	Lactosylceramide: Lateral Interactions with Cholesterol. <i>Biophysical Journal</i> , 2006, 91, 2490-2500.	0.2	25
1229	Association of \hat{I}^2 -Synuclein and Mutants with Lipid Membranes: Spin-Label ESR and Polarized IR. <i>Biochemistry</i> , 2006, 45, 3386-3395.	1.2	45
1230	Spin-Labeled Alkylphospholipids in a Dipalmitoylphosphatidylcholine Bilayer: Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25559-25561.	1.2	12

#	ARTICLE	IF	CITATIONS
1231	A divalent-ion binding site on the 16-kDa proton channel from <i>Nephrops norvegicus</i> revealed by EPR spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 206-212.	1.4	6
1232	A model system for investigating lineshape/structure correlations in RNA site-directed spin labeling. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 117-124.	1.0	29
1233	Cholesterol effects on a mixed-chain phosphatidylcholine bilayer: a molecular dynamics simulation study. <i>Biochimie</i> , 2006, 88, 449-460.	1.3	54
1234	High-field ESR on aligned membranes: A simple method to record spectra from different membrane orientations in the magnetic field. <i>Journal of Magnetic Resonance</i> , 2006, 179, 273-279.	1.2	14
1235	Multifrequency simulations of the EPR spectra of lipid spin labels in membranes. <i>Journal of Magnetic Resonance</i> , 2006, 180, 63-71.	1.2	6
1236	Chain ordering of Stratum corneum lipids investigated by EPR slow-tumbling simulation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 816-820.	2.0	16
1237	Laurdan in Fluid Bilayers: Position and Structural Sensitivity. <i>Journal of Fluorescence</i> , 2006, 16, 431-439.	1.3	78
1238	Comparison of stable nitroxide, 3-substituted 2,2,5,5-tetramethylpyrrolidine-N-oxyls, with respect to protection from radiation, prevention of DNA damage, and distribution in mice. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1170-1178.	1.3	15
1239	Interaction of (+)-Catechin with a Lipid Bilayer Studied by the Spin Probe Method. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 395-400.	0.6	14
1240	The Chemistry of Phospholipid Binding by the <i>Saccharomyces cerevisiae</i> Phosphatidylinositol Transfer Protein Sec14p as Determined by EPR Spectroscopy. <i>Journal of Biological Chemistry</i> , 2006, 281, 34897-34908.	1.6	19
1241	Role of an Aminothiazole Derivative on Ethanol-Induced Toxicity. <i>Toxicology Mechanisms and Methods</i> , 2007, 17, 33-40.	1.3	6
1243	Electron spin-echo studies of spin-labelled lipid membranes and free fatty acids interacting with human serum albumin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1541-1549.	1.4	36
1244	Stearic Acid Spin Labels in Lipid Bilayers: Insight through Atomistic Simulations. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12447-12453.	1.2	24
1245	Self-Assembling of Peptide/Membrane Complexes by Atomistic Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2007, 92, 903-912.	0.2	53
1246	Theories of Lipid Monolayers. <i>Advances in Chemical Physics</i> , 2007, , 195-228.	0.3	20
1247	Performance of the general amber force field in modeling aqueous POPC membrane bilayers. <i>Journal of Computational Chemistry</i> , 2007, 28, 2051-2058.	1.5	119
1248	Does propofol alter membrane fluidity at clinically relevant concentrations? An ESR spin label study. <i>Biophysical Chemistry</i> , 2007, 129, 82-91.	1.5	33
1249	Low cholesterol solubility in DODAB liposomes. <i>Chemistry and Physics of Lipids</i> , 2007, 145, 27-36.	1.5	18

#	ARTICLE	IF	CITATIONS
1250	Aluminum compounds enhance lipid peroxidation in liposomes: Insight into cellular damage caused by oxidative stress. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 967-975.	1.5	38
1251	Spin-Probe Investigations of Head Group Behavior in Aqueous Dispersions of a Nonionic Amphiphilic Compound. <i>Lipids</i> , 2007, 42, 457-462.	0.7	10
1252	Cold adaptation of eicosapentaenoic acid-less mutant of <i>Shewanella livingstonensis</i> Ac10 involving uptake and remodeling of synthetic phospholipids containing various polyunsaturated fatty acids. <i>Extremophiles</i> , 2008, 12, 753-761.	0.9	32
1253	Measurement of Microviscosity in Vesicular Membranes by Electron Spin Resonance. <i>Applied Magnetic Resonance</i> , 2008, 33, 269-283.	0.6	2
1254	The liquid-ordered phase in sphingomyelincholesterol membranes as detected by the discrimination by oxygen transport (DOT) method. <i>Cellular and Molecular Biology Letters</i> , 2008, 13, 430-51.	2.7	21
1255	The Fluidity Gradient in Erythrocyte Membranes in Hereditary Spherocytosis: a Spin Label Study. <i>British Journal of Haematology</i> , 1980, 46, 73-78.	1.2	10
1256	Membrane Characteristics and Metabolic Properties of Glucose-6-Phosphate Dehydrogenase Deficient Red Cells. <i>British Journal of Haematology</i> , 1980, 46, 79-87.	1.2	4
1257	Defects in Vesicle Core Induced by <i>Escherichia coli</i> Dihydroorotate Dehydrogenase. <i>Biophysical Journal</i> , 2008, 94, 1746-1753.	0.2	27
1258	Incorporation of Outer Membrane Protein OmpG in Lipid Membranes: Protein-lipid Interactions and β -Barrel Orientation. <i>Biochemistry</i> , 2008, 47, 6189-6198.	1.2	28
1259	Electron spin resonance in membrane research: Protein-lipid interactions. <i>Methods</i> , 2008, 46, 83-96.	1.9	53
1260	Myelin glycoproteins targeted by lead in the rodent model of prolonged exposure. <i>Food and Chemical Toxicology</i> , 2008, 46, 961-966.	1.8	19
1261	Cationic amphiphiles and the solubilization of cholesterol crystallites in membrane bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 844-853.	1.4	13
1262	Incorporation of Transmembrane Peptides from the Vacuolar H ⁺ -ATPase in Phospholipid Membranes: Spin-Label Electron Paramagnetic Resonance and Polarized Infrared Spectroscopy. <i>Biochemistry</i> , 2008, 47, 3937-3949.	1.2	20
1263	Complex Formation of Amphotericin B in Sterol-Containing Membranes As Evidenced by Surface Plasmon Resonance. <i>Biochemistry</i> , 2008, 47, 7807-7815.	1.2	63
1264	Protein-Lipid Interactions with <i>Fusobacterium nucleatum</i> Major Outer Membrane Protein FomA: Spin-Label EPR and Polarized Infrared Spectroscopy. <i>Biochemistry</i> , 2008, 47, 8414-8423.	1.2	27
1265	Using Markov Models to Simulate Electron Spin Resonance Spectra from Molecular Dynamics Trajectories. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11014-11027.	1.2	47
1266	Uses of Electron Paramagnetic Resonance in Alcohol Research. <i>Alcoholism: Clinical and Experimental Research</i> , 1981, 5, 137-140.	1.4	1
1267	Structural properties of lipid reconstructs and lipid composition of normotensive and hypertensive rat vascular smooth muscle cell membranes. <i>Brazilian Journal of Medical and Biological Research</i> , 2009, 42, 844-853.	0.7	11

#	ARTICLE	IF	CITATIONS
1268	Conformational properties of angiotensin II and its active and inactive TOACa ⁶⁴ -labeled analogs in the presence of micelles. Electron paramagnetic resonance, fluorescence, and circular dichroism studies. <i>Biopolymers</i> , 2009, 92, 525-537.	1.2	11
1269	Resistance of Human Erythrocyte Membranes to Triton X-100 and C12E8. <i>Journal of Membrane Biology</i> , 2009, 227, 39-48.	1.0	21
1270	Development of a new topical system: Drug-in-cyclodextrin-in-deformable liposome. <i>International Journal of Pharmaceutics</i> , 2009, 380, 174-180.	2.6	76
1271	Physical methods for studying the effect of europium ions on lysozyme solutions. <i>Laser Physics</i> , 2009, 19, 1308-1311.	0.6	0
1272	DNA alters the bilayer structure of cationic lipid diC14-amidine: A spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1304-1309.	1.4	8
1273	Quantification of Randomly-methylated- β -cyclodextrin effect on liposome: An ESR study. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 5-9.	1.0	10
1274	Probing Membrane Order and Topography in Supported Lipid Bilayers by Combined Polarized Total Internal Reflection Fluorescence-Atomic Force Microscopy. <i>Biophysical Journal</i> , 2009, 96, 1970-1984.	0.2	41
1275	Bis(monoacylglycero)phosphate Forms Stable Small Lamellar Vesicle Structures: Insights into Vesicular Body Formation in Endosomes. <i>Biophysical Journal</i> , 2009, 96, 1847-1855.	0.2	26
1276	EPR of Cu ²⁺ Prion Protein Constructs at 2 GHz Using the g \approx 2 Region to Characterize Nitrogen Ligation. <i>Biophysical Journal</i> , 2009, 96, 3354-3362.	0.2	15
1277	Multifrequency EPR study of the mobility of nitroxides in solid-state calixarene nanocapsules. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 6700.	1.3	23
1278	Water Isotope Effect on the Phosphatidylcholine Bilayer Properties: A Molecular Dynamics Simulation Study. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2378-2387.	1.2	51
1279	Multifrequency ESR study of spin-labeled molecules in inclusion compounds with cyclodextrins. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 6676.	1.3	36
1280	Multifunctional Nanoparticles for Combined Doxorubicin and Photothermal Treatments. <i>ACS Nano</i> , 2009, 3, 2919-2926.	7.3	333
1281	Kinetics and Thermodynamics of Flip-Flop in Binary Phospholipid Membranes Measured by Sum-Frequency Vibrational Spectroscopy. <i>Biochemistry</i> , 2009, 48, 10220-10234.	1.2	82
1282	Effect of Cholesterol Depletion and Temperature on the Isolation of Detergent-Resistant Membranes from Human Erythrocytes. <i>Journal of Membrane Biology</i> , 2010, 234, 195-205.	1.0	25
1283	Electron Paramagnetic Resonance Investigation of Stratum Corneum Lipid Structure. <i>Lipids</i> , 2010, 45, 91-96.	0.7	19
1284	A fluorescence probe study of the mixed surfactant vesicles. <i>Chinese Journal of Chemistry</i> , 2000, 18, 506-509.	2.6	0
1285	Modulated Photophysics of an ESIPT Probe 1-Hydroxy-2-naphthaldehyde within Motionally Restricted Environments of Liposome Membranes Having Varying Surface Charges. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12528-12540.	1.2	87

#	ARTICLE	IF	CITATIONS
1286	Structural Characterization of Photopolymerizable Binary Liposomes Containing Diacetylenic and Saturated Phospholipids. <i>Langmuir</i> , 2010, 26, 10084-10092.	1.6	22
1287	Structural Aspects of Lipid Monolayers: Computer Simulation Analyses. <i>Langmuir</i> , 2010, 26, 8081-8092.	1.6	10
1288	Role of membranotropic sequences from herpes simplex virus type I glycoproteins B and H in the fusion process. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 579-591.	1.4	44
1289	Bis(monoacylglycero)phosphate and ganglioside GM1 spontaneously form small homogeneous vesicles at specific concentrations. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 509-514.	1.0	2
1290	ESR technique for noninvasive way to quantify cyclodextrins effect on cell membranes. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 350-354.	1.0	12
1291	Characterization of liposomes formed by lipopolysaccharides from <i>Burkholderia cenocepacia</i> , <i>Burkholderia multivorans</i> and <i>Agrobacterium tumefaciens</i> : from the molecular structure to the aggregate architecture. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13574.	1.3	32
1292	Packing state in bilayer membranes of diacylphosphatidylcholines with varying acyl chain lengths under high pressures. <i>High Pressure Research</i> , 2010, 30, 475-482.	0.4	0
1293	Comparative Model Studies of Gastric Toxicity of Nonsteroidal Anti-Inflammatory Drugs. <i>Langmuir</i> , 2011, 27, 6950-6961.	1.6	35
1294	Multiple stages of detergent-erythrocyte membrane interaction—A spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 164-170.	1.4	42
1295	An NMR database for simulations of membrane dynamics. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 818-839.	1.4	98
1296	Structural characterization of the interaction of the polyene antibiotic Amphotericin B with DODAB bicelles and vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2629-2637.	1.4	18
1297	Imaging of Phosphatidylcholine Bilayers by a High-Pressure Fluorescence Technique: Detection of the Packing Difference. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 1329-1335.	2.0	10
1298	Membrane fluidity profiles as deduced by saturation-recovery EPR measurements of spin-lattice relaxation times of spin labels. <i>Journal of Magnetic Resonance</i> , 2011, 212, 418-425.	1.2	49
1299	A rigid disulfide-linked nitroxide side chain simplifies the quantitative analysis of PRE data. <i>Journal of Biomolecular NMR</i> , 2011, 51, 105-114.	1.6	56
1300	Influence of Nature of Functional Groups on Interaction of Tetrasubstituted at Lower Rim p-tert-Butyl Thiocalix[4]arenes in 1,3-Alternate Configuration with Model Lipid Membranes. <i>Applied Magnetic Resonance</i> , 2011, 40, 231-243.	0.6	11
1301	Synthesis of spin labelled silica and EPR molecular dynamics study at silica-polymer interfaces. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 1051-1057.	0.9	6
1302	Innovative Measurement Techniques in Surface Science. <i>ChemPhysChem</i> , 2011, 12, 79-87.	1.0	28
1303	E, Z and positional-monoenoic phyto-fatty acids influencing membrane fluidity: DSC and NMR experiments. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 13-17.	2.5	6

#	ARTICLE	IF	CITATIONS
1304	Assessment of fluidity of different invasomes by electron spin resonance and differential scanning calorimetry. <i>International Journal of Pharmaceutics</i> , 2011, 412, 85-94.	2.6	41
1305	Synthesis of new spin labels for Cu-free click conjugation. <i>Tetrahedron Letters</i> , 2011, 52, 2747-2749.	0.7	28
1306	Spin Labeling and Molecular Dynamics. , 2011, , 379-407.		0
1307	Temperature-Dependence of Cationic Lipid Bilayer Intermixing: Possible Role of Interdigitation. <i>Langmuir</i> , 2012, 28, 4640-4647.	1.6	12
1308	Analytical Approaches for Studying Transporters, Channels and Porins. <i>Chemical Reviews</i> , 2012, 112, 6227-6249.	23.0	42
1309	Saturation with cholesterol increases vertical order and smoothes the surface of the phosphatidylcholine bilayer: A molecular simulation study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 520-529.	1.4	49
1310	The iA ²⁵ p ¹² -breaker peptide regulates the A ²⁵ (25â€“35) interaction with lipid bilayers through a cholesterol-mediated mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 88-92.	1.0	12
1311	1.20 Electron Magnetic Resonance. , 2012, , 425-493.		0
1313	Detergentâ€Free Formation and Physicochemical Characterization of Nanosized Lipidâ€Polymer Complexes: Lipodisq. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4653-4657.	7.2	166
1314	Dynamics and ordering of lipid spin-labels along the coexistence curve of two membrane phases: An ESR study. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 348-361.	1.5	22
1315	Structural effect of cationic amphiphiles in diacetylenic photopolymerizable membranes. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 589-600.	1.5	4
1316	Piper species protect cardiac, hepatic and renal antioxidant status of atherogenic diet fed hamsters. <i>Food Chemistry</i> , 2012, 134, 1354-1359.	4.2	19
1317	Effect of serum proteins on an exogenous pulmonary surfactant: ESR analysis of structural changes and their relation with surfactant activity. <i>Respiratory Physiology and Neurobiology</i> , 2012, 183, 48-57.	0.7	8
1318	The spin label amino acid TOAC and its uses in studies of peptides: chemical, physicochemical, spectroscopic, and conformational aspects. <i>Biophysical Reviews</i> , 2012, 4, 45-66.	1.5	61
1319	Single Particle Tracking. , 2013, , 2326-2327.		0
1320	Structure Determination of Membrane Proteins in Their Native Phospholipid Bilayer Environment by Rotationally Aligned Solid-State NMR Spectroscopy. <i>Accounts of Chemical Research</i> , 2013, 46, 2145-2153.	7.6	54
1321	Protective effects of stem bark of <i>Harungana madgascariensis</i> on the red blood cell membrane. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 98.	3.7	20
1322	Sensory Rhodopsin II: Signal Development and Transduction. , 2013, , 2312-2315.		0

#	ARTICLE	IF	CITATIONS
1323	Effect of Noncovalent Interactions on the ³¹ P Chemical Shift Tensor of Phosphine Oxides, Phosphinic, Phosphonic, and Phosphoric Acids, and Their Complexes with Lead(II). <i>Journal of Physical Chemistry C</i> , 2013, 117, 26689-26702.	1.5	23
1324	Effect of serum lipoproteins and cholesterol on an exogenous pulmonary surfactant. ESR analysis of structural changes and their relation with surfactant activity. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 581-587.	0.7	6
1325	Moving difference (MDIFF) non-adiabatic rapid sweep (NARS) EPR of copper(II). <i>Journal of Magnetic Resonance</i> , 2013, 236, 15-25.	1.2	15
1326	Studying Lipid-Protein Interactions with Electron Paramagnetic Resonance Spectroscopy of Spin-Labeled Lipids. <i>Methods in Molecular Biology</i> , 2013, 974, 297-328.	0.4	6
1327	Self-Assembled Protein Fibrils. , 2013, , 2309-2309.		0
1328	Single Fluorophore Photobleaching. , 2013, , 2324-2326.		1
1329	Structure Determination of Membrane Proteins by Nuclear Magnetic Resonance Spectroscopy. <i>Annual Review of Analytical Chemistry</i> , 2013, 6, 305-328.	2.8	63
1330	Single-Molecule High-Resolution Imaging with Photobleaching (SHRIMP). , 2013, , 2337-2339.		0
1331	Spin-Labeling EPR of Proteins: Dynamics and Water Accessibility of Spin-Label Side Chains. , 2013, , 2439-2447.		2
1332	Bivariate and Multivariate Analyses of the Influence of Blood Variables of Patients Submitted to Roux-en-Y Gastric Bypass on the Stability of Erythrocyte Membrane against the Chaotropic Action of Ethanol. <i>Journal of Membrane Biology</i> , 2013, 246, 231-242.	1.0	7
1333	Stimulated Emission Depletion (STED) Microscopy. , 2013, , 2470-2475.		1
1334	Surface Passivation for Single Molecule Detection. , 2013, , 2531-2536.		0
1335	Using spin-label W-band EPR to study membrane fluidity profiles in samples of small volume. <i>Journal of Magnetic Resonance</i> , 2013, 226, 35-44.	1.2	36
1336	Oligonucleotide Adsorption Affects Phase Transition but Not Interdigitation of diC14-Amidine Bilayers. <i>Langmuir</i> , 2013, 29, 11102-11108.	1.6	8
1337	Membrane curvature and cholesterol effects on lipids packing and spin-labelled lipids conformational distributions. <i>Molecular Physics</i> , 2013, 111, 2887-2896.	0.8	6
1338	Comparative Computer Simulation Study of Cholesterol in Hydrated Unary and Binary Lipid Bilayers and in an Anhydrous Crystal. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8758-8769.	1.2	23
1339	Antioxidant Potential of a Polyherbal Antimalarial as an Indicator of Its Therapeutic Value. <i>Advances in Pharmacological Sciences</i> , 2013, 2013, 1-9.	3.7	13
1340	Antioxidative burst and hepatoprotective effects of ethanol root extract of <i>Hippocratea africana</i> against paracetamol-induced liver injury. <i>Pharmaceutical Biology</i> , 2013, 51, 872-880.	1.3	6

#	ARTICLE	IF	CITATIONS
1341	Bivariate and multivariate analyses of the correlations between stability of the erythrocyte membrane, serum lipids and hematological variables. <i>Biorheology</i> , 2013, 50, 305-320.	1.2	11
1342	Brij detergents reveal new aspects of membrane microdomain in erythrocytes. <i>Molecular Membrane Biology</i> , 2014, 31, 195-205.	2.0	16
1343	Cholesterol enhances surface water diffusion of phospholipid bilayers. <i>Journal of Chemical Physics</i> , 2014, 141, 22D513.	1.2	26
1344	NMR structures of membrane proteins in phospholipid bilayers. <i>Quarterly Reviews of Biophysics</i> , 2014, 47, 249-283.	2.4	31
1345	Dipolar Assisted Assignment Protocol (DAAP) for MAS solid-state NMR of rotationally aligned membrane proteins in phospholipid bilayers. <i>Journal of Magnetic Resonance</i> , 2014, 242, 224-232.	1.2	8
1346	RIDME Spectroscopy with Gd(III) Centers. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3970-3975.	2.1	76
1347	Fluidity enhancement: a critical factor for performance of liposomal transdermal drug delivery system. <i>Journal of Liposome Research</i> , 2014, 24, 83-89.	1.5	24
1348	Epileptic seizures induce structural and functional alterations on brain tissue membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 3088-3096.	1.4	33
1349	A computer model of a polyunsaturated monogalactolipid bilayer. <i>Biochimie</i> , 2015, 118, 129-140.	1.3	15
1350	Effects of Pistacia Atlantica Extract on Erythrocyte Membrane Rigidity, Oxidative Stress, and Hepatotoxicity Induced by CCl4 in Rats. <i>Global Journal of Health Science</i> , 2015, 7, 32-8.	0.1	13
1351	The effect of an oligonucleotide on the structure of cationic DODAB vesicles. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 7498-7506.	1.3	12
1352	Electron spin resonance of spin-labeled lipid assemblies and proteins. <i>Archives of Biochemistry and Biophysics</i> , 2015, 580, 102-111.	1.4	11
1353	Synthesis and Characterization of a New Series of Paramagnetic Ferroelectric Liquid Crystalline Nitroxide Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 615, 89-106.	0.4	1
1354	<i>Artemisia pallens</i> alleviates acetaminophen induced toxicity via modulation of endogenous biomarkers. <i>Pharmaceutical Biology</i> , 2015, 53, 571-581.	1.3	63
1355	Membrane protein structure from rotational diffusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 229-245.	1.4	25
1356	Structural characterization of novel cationic diC16-amidine bilayers: Evidence for partial interdigitation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 127-133.	1.4	7
1357	Basic Membrane Properties of the Fluid Mosaic Model. , 2016, , 135-180.		5
1358	Sodium Lauryl Sulfate Stimulates the Generation of Reactive Oxygen Species through Interactions with Cell Membranes. <i>Journal of Oleo Science</i> , 2016, 65, 993-1001.	0.6	25

#	ARTICLE	IF	CITATIONS
1359	Cholesterol-induced suppression of membrane elastic fluctuations at the atomistic level. <i>Chemistry and Physics of Lipids</i> , 2016, 199, 39-51.	1.5	24
1360	Selective Membrane Disruption Mechanism of an Antibacterial \hat{I}^3 -AApeptide Defined by EPR Spectroscopy. <i>Biophysical Journal</i> , 2016, 110, 1789-1799.	0.2	14
1361	Analysis of the structure and surfactant activity of novel formulations containing exogenous pulmonary surfactant and glucocorticoids. <i>Respiratory Physiology and Neurobiology</i> , 2016, 233, 33-40.	0.7	12
1362	Farnesol-Induced Disruption of the <i>Staphylococcus aureus</i> Cytoplasmic Membrane. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 653-656.	0.6	13
1363	Linking genotoxicity and cytotoxicity with membrane fluidity: A comparative study in ovarian cancer cell lines following exposure to auranofin. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 809, 43-49.	0.9	9
1364	NMR characterization of dilauroyl phosphatidylcholine in adsorbed monolayers at fluid interfaces studied by multiscale computations. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 1419-1426.	1.0	5
1366	Peptides at the Interface: Self-Assembly of Amphiphilic Designer Peptides and Their Membrane Interaction Propensity. <i>Biomacromolecules</i> , 2016, 17, 3591-3601.	2.6	11
1367	The two sides of a lipid-protein story. <i>Biophysical Reviews</i> , 2016, 8, 179-191.	1.5	26
1368	Internal Dynamics of the 3-Pyrroline-N-Oxide Ring in Spin-Labeled Proteins. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1113-1117.	2.1	2
1369	Effect of Molecular Assembly for Emulsion and Gel Formulations. , 2017, , 519-537.		1
1370	Structural Analysis of Formulations. , 2017, , 635-655.		1
1371	Membrane Fluidity Sensing on the Single Virus Particle Level with Plasmonic Nanoparticle Transducers. <i>ACS Sensors</i> , 2017, 2, 1415-1423.	4.0	6
1372	Combining EPR spectroscopy and X-ray crystallography to elucidate the structure and dynamics of conformationally constrained spin labels in T4 lysozyme single crystals. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20723-20734.	1.3	5
1373	Landscape of the structure-O-H bond dissociation energy relationship of oximes and hydroxylamines. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22309-22320.	1.3	15
1374	Control of membrane fluidity: the OLE pathway in focus. <i>Biological Chemistry</i> , 2017, 398, 215-228.	1.2	97
1375	Effects of clary sage oil and its main components, linalool and linalyl acetate, on the plasma membrane of <i>Candida albicans</i> : an in vivo EPR study. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 175-187.	2.2	22
1376	Assessing gastric toxicity of xanthone derivatives of anti-inflammatory activity using simulation and experimental approaches. <i>Biophysical Chemistry</i> , 2017, 220, 20-33.	1.5	5
1377	Structural insights on biologically relevant cationic membranes by ESR spectroscopy. <i>Biophysical Reviews</i> , 2017, 9, 633-647.	1.5	14

#	ARTICLE	IF	CITATIONS
1378	Spin-label Order Parameter Calibrations for Slow Motion. <i>Applied Magnetic Resonance</i> , 2018, 49, 97-106.	0.6	6
1379	All-atom molecular dynamics simulations of spin labelled double and single-strand DNA for EPR studies. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 13461-13472.	1.3	8
1380	Small Angle X-ray Scattering and Electron Spin Resonance Spectroscopy Study on Fragrance Infused Cationic Vesicles Modeling Scent-Releasing Fabric Softeners. <i>Journal of Oleo Science</i> , 2018, 67, 177-186.	0.6	6
1381	Developing an exogenous pulmonary surfactant-glucocorticoids association: Effect of corticoid concentration on the biophysical properties of the surfactant. <i>Respiratory Physiology and Neurobiology</i> , 2018, 247, 80-86.	0.7	10
1382	Exploring the pH-Induced Functional Phase Space of Human Serum Albumin by EPR Spectroscopy. <i>Magnetochemistry</i> , 2018, 4, 47.	1.0	21
1383	Probing local molecular properties of self-assembled systems with electron paramagnetic resonance (EPR). , 2018, , 275-289.		0
1384	Defensive Effects of a Unique Polysaccharide, Sacran, to Protect Keratinocytes against Extracellular Stimuli and Its Possible Mechanism of Action. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1554-1560.	0.6	5
1386	Sustained Release from Ionic-Gradient Liposomes Significantly Decreases ETIDOCAINE Cytotoxicity. <i>Pharmaceutical Research</i> , 2018, 35, 229.	1.7	8
1387	Methods for Physical Properties of Biomembranes and Cells. <i>Biological and Medical Physics Series</i> , 2018, , 29-58.	0.3	0
1388	Lipid Extraction by β -Synuclein Generates Semi-Transmembrane Defects and Lipoprotein Nanoparticles. <i>ACS Omega</i> , 2018, 3, 9586-9597.	1.6	20
1389	Distinct Populations in Spin-Label EPR Spectra from Nitroxides. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6129-6133.	1.2	8
1390	Corticoids modulate liposome membrane fluidity and permeability depending on membrane composition and experimental protocol design. <i>Biochimie</i> , 2018, 153, 33-45.	1.3	12
1391	The influence of water and trehalose content on the stabilization of POPC membrane upon rapid heating studied by molecular simulations. <i>Fluid Phase Equilibria</i> , 2018, 474, 100-109.	1.4	5
1392	Characterization of the Lipid Binding Pocket in GM2AP and SapB with EPR Spectroscopy. <i>Applied Magnetic Resonance</i> , 2018, 49, 1181-1199.	0.6	0
1393	Direct Prediction of EPR Spectra from Lipid Bilayers: Understanding Structure and Dynamics in Biological Membranes. <i>ChemPhysChem</i> , 2018, 19, 2183-2193.	1.0	9
1394	Cholesterol and phosphatidylethanolamine lipids exert opposite effects on membrane modulations caused by the M2 amphipathic helix. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 201-209.	1.4	15
1395	Studying Lipid-Protein Interactions with Electron Paramagnetic Resonance Spectroscopy of Spin-Labeled Lipids. <i>Methods in Molecular Biology</i> , 2019, 2003, 529-561.	0.4	4
1396	Different mechanisms on the stabilization of POPC membrane by trehalose upon varied mechanical stress. <i>Journal of Molecular Liquids</i> , 2019, 275, 839-848.	2.3	9

#	ARTICLE	IF	CITATIONS
1397	Evaluation of heating effects on the morphology and membrane structure of Escherichia coli using electron paramagnetic resonance spectroscopy. <i>Biophysical Chemistry</i> , 2019, 252, 106191.	1.5	2
1398	The Fluidity of Phosphocholine and Maltoside Micelles and the Effect of CHAPS. <i>Biophysical Journal</i> , 2019, 116, 1682-1691.	0.2	1
1399	7. Collective dynamics in lipid membranes. , 2019, , 231-268.		4
1401	Cholesterol Effects on the Physical Properties of Lipid Membranes Viewed by Solid-state NMR Spectroscopy. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1115, 99-133.	0.8	11
1402	Structural characterization of cationic DODAB bilayers containing C24:1 $\hat{1}^2$ -glucosylceramide. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 643-650.	1.4	5
1403	The Use of Spin-Label ESR Spectroscopy to Study Protein-Lipid Interactions. , 2019, , 453-461.		0
1404	Interaction of cholesterol with artificial bilayer lipid membrane system and development of an electrochemical sensor. <i>Arabian Journal of Chemistry</i> , 2020, 13, 423-430.	2.3	8
1405	Determining the fluid ordered and disordered phases in a pulmonary surfactant by electron spin resonance technique. <i>Respiratory Physiology and Neurobiology</i> , 2020, 271, 103309.	0.7	1
1406	The helix O of endophilin modifies membrane material properties and induces local curvature. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183397.	1.4	7
1407	Not just a fluidifying effect: omega-3 phospholipids induce formation of non-lamellar structures in biomembranes. <i>Soft Matter</i> , 2020, 16, 10425-10438.	1.2	4
1408	Systematic Quantification of Electron Transfer in a Bare Phospholipid Membrane Using Nitroxide-Labeled Stearic Acids: Distance Dependence, Kinetics, and Activation Parameters. <i>Langmuir</i> , 2020, 36, 10429-10437.	1.6	4
1409	Supramolecular organization of $\hat{1}^2$ -galactosylceramide in pure dispersions and in cationic DODAB bilayers. <i>Chemistry and Physics of Lipids</i> , 2020, 232, 104963.	1.5	2
1410	Lipid dynamics in nanoparticles formed by maleic acid-containing copolymers: EPR spectroscopy and molecular dynamics simulations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183207.	1.4	16
1411	Interaction of Catechins with Human Erythrocytes. <i>Molecules</i> , 2020, 25, 1456.	1.7	11
1412	Radical reactions induced by ketoprofen in phospholipid membranes under ultraviolet light irradiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 214, 112090.	1.7	4
1413	Lipid Dynamics in Diisobutylene-Maleic Acid (DIBMA) Lipid Particles in Presence of Sensory Rhodopsin II. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2548.	1.8	9
1414	Differences in the properties of porcine cortical and nuclear fiber cell plasma membranes revealed by saturation recovery EPR spin labeling measurements. <i>Experimental Eye Research</i> , 2021, 206, 108536.	1.2	5
1415	Comparing the interaction of the antibiotic levofloxacin with zwitterionic and anionic membranes: Calorimetry, fluorescence, and spin label studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183622.	1.4	6

#	ARTICLE	IF	CITATIONS
1416	Rapid protein delivery to living cells for biomolecular investigation. <i>Biochemical and Biophysical Research Communications</i> , 2021, 570, 82-88.	1.0	11
1417	Mathematical Modeling of Transport of Lipid-Soluble Ions and Ion-Carrier Complexes Through Lipid Bilayer Membranes. <i>Advances in Chemical Physics</i> , 0, , 99-137.	0.3	25
1418	Effect of herbicides on plant cell membrane lipids. , 1979, , 45-76.		9
1419	Approaches to the Chemical Synthesis of ¹⁵ N and Deuterium Substituted Spin Labels. <i>Biological Magnetic Resonance</i> , 1989, , 615-634.	0.4	2
1420	Electron-Electron Double Resonance. <i>Biological Magnetic Resonance</i> , 1989, , 305-307.	0.4	9
1421	Principles of Water and Nonelectrolyte Transport across Membranes. , 1986, , 177-190.		7
1422	Principles of Water and Nonelectrolyte Transport across Membranes. , 1978, , 165-184.		2
1423	Membrane Lipids of Multidrug-Resistant Cells: Chemical Composition and Physical State. , 1991, , 263-276.		7
1424	Spin Labeling in Disease. , 1982, , 1-78.		77
1425	ESR and NMR Studies of Lipid-Protein Interactions in Membranes. , 1983, , 183-299.		25
1426	Spin-Label Measurements of Membrane-Bound Enzymes. , 1976, , 71-90.		8
1427	The Use of Spin Labels to Study Membrane-Bound Enzymes, Receptors, and Transport Systems. , 1976, , 91-117.		6
1428	Phase Transitions in Lipids. , 1972, 3, 197-227.		34
1429	Transmembrane-Mediated Communication and Its Relevance to Hormone Action. , 1982, , 221-251.		1
1430	Physical Behaviour of Glycolipids in Bilayer Membranes: Distribution and Accessibility. <i>Advances in Experimental Medicine and Biology</i> , 1984, 174, 119-131.	0.8	6
1431	The Effects of Lipid-Protein Interactions on the Kinetic Parameters of Microsomal UDP-Glucuronyltransferase. , 1976, , 443-461.		22
1432	Spin-Label Studies of Membranes. , 1977, , 291-358.		24
1433	Ethanol and the Blood-Brain Barrier. , 1979, , 101-118.		4

#	ARTICLE	IF	CITATIONS
1434	Viral Membranes. , 1979, , 293-407.		13
1435	General Anesthetics Act Both Specifically and Nonspecifically on Acetylcholine Receptors. , 1986, , 125-137.		11
1436	Distribution of Transplantation Antigens on Cell Surfaces. , 1976, 8, 1-46.		1
1437	Principles of Water and Nonelectrolyte Transport across Membranes. , 1980, , 165-184.		3
1438	Physical Properties. Optical And Spectral Characteristics. , 1986, , 385-447.		1
1439	Electron Paramagnetic Resonance Studies of Ethanol on Membrane Fluidity. Advances in Experimental Medicine and Biology, 1977, 85A, 111-122.	0.8	18
1440	Synthesis of Photoactivatable and Paramagnetic Gangliosides. Methods in Molecular Biology, 2018, 1804, 357-381.	0.4	2
1441	Permeability Properties of Unmodified Lipid Bilayer Membranes. , 1978, , 369-446.		7
1442	Transport of Water and Nonelectrolytes Across Red Cell Membranes. , 1979, , 1-57.		8
1443	Spin-Labeled Medicines: Enzymes, Biomembranes and Possible Pharmaceuticals. An Overview. , 1992, , 1-21.		2
1444	Synthesis and Properties of Spin-Labeled Phospholipids. , 1992, , 297-315.		1
1445	Investigation of Spin Labels and Probes by Millimeter Band EPR. , 1992, , 227-278.		15
1446	Molecular Membranology. , 1971, , 5-36.		2
1447	Structure and Function of Hydrocarbon Chains in Bacterial Phospholipids. , 1971, , 149-164.		6
1448	Plant Membranes. , 1976, , 3-50.		2
1449	A Calorimetric and Fluorescent Probe Study of Phase Transitions in Phosphatidylcholine Liposomes. Proceedings in Life Sciences, 1977, , 47-71.	0.5	4
1450	Incorporation of Pure Hydrolases Isolated from Brush Border Membranes in Single-Bilayer Lecithin Vesicles. Proceedings in Life Sciences, 1977, , 105-113.	0.5	7
1451	Applications of Spin-Labels to Biological Systems. , 1981, , 177-193.		2

#	ARTICLE	IF	CITATIONS
1452	Protein-Lipid Interactions and Lipid Dynamics in Rat Enterocyte Plasma Membranes. Proceedings in Life Sciences, 1983, , 188-197.	0.5	2
1453	Ethanol and Biological Membranes: Experimental Studies and Theoretical Considerations. , 1985, , 213-231.		4
1455	Lariat Ethers in Membranes and as Membranes. Bioorganic Chemistry Frontiers, 1990, , 115-141.	1.2	6
1456	Phase Transition of Membrane Lipids. , 1996, , 80-111.		3
1457	The Polarization Sensitivity â€™ Dichroic Absorption Paradox in Arthropod Photoreceptors. , 1975, , 392-409.		23
1458	Scientific Applications of Liquid Crystals. , 1975, , 21-81.		7
1459	Nuclear Magnetic Resonance Studies of the Phospholipid Bilayer Membrane. Molecular Biology, Biochemistry, and Biophysics, 1981, 31, 1-50.	0.1	14
1460	Electron Spin Resonance: Spin Labels. Molecular Biology, Biochemistry, and Biophysics, 1981, 31, 51-142.	0.1	190
1461	Fluorescence Spectroscopy of Biological Membranes. Molecular Biology, Biochemistry, and Biophysics, 1981, 31, 199-269.	0.1	33
1462	Topology of membrane proteins â€™ determination of regions exposed to the lipid bilayer. , 1986, , 153-184.		5
1463	Interaction of Cannabinoids with Model Membranes â€™ NMR Studies. Jerusalem Symposia on Quantum Chemistry and Biochemistry, 1978, , 405-422.	0.2	2
1464	The interrelationship of membrane and protein structure in the functioning of the (Na+ +) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	1.3	40
1465	Long-Range Order in Biomembranes. Advances in Lipid Research, 1977, 15, 1-60.	1.8	155
1466	X-Ray Diffraction and Electron Paramagnetic Resonance Spectroscopy of Mammalian Stratum Corneum Lipid Domains. Advances in Lipid Research, 1991, 24, 141-171.	1.8	14
1467	The Organization and Dynamics of Biomembranes. Advances in Liquid Crystals, 1982, , 1-45.	1.0	7
1468	Biomembrane Fluidity: The Concept and Its Development. , 1983, , 5-42.		7
1469	Membrane Fluidity and Cytoplasmic Viscosity. , 1983, , 237-257.		1
1470	The Relationship of Membrane Fluidity to Degenerative Muscular Diseases. , 1985, , 161-255.		10

#	ARTICLE	IF	CITATIONS
1471	Membrane Fluidity and the Function of the Ca ²⁺ -ATPase of Sarcoplasmic Reticulum. , 1985, , 51-96.		4
1472	Theory of Slow Tumbling ESR Spectra for Nitroxides. , 1976, , 53-132.		244
1473	The Chemistry of Spin Labels. , 1976, , 183-238.		34
1474	Anisotropic Motion in Liquid Crystalline Structures. , 1976, , 373-409.		49
1475	Oriented Lipid Systems as Model Membranes. , 1976, , 411-451.		16
1476	Lipid Spin Labels in Biological Membranes. , 1976, , 453-523.		146
1477	Molecular Motion in Biological Membranes. , 1976, , 525-560.		57
1479	¹⁹ F NMR Investigations of Membranes. Current Topics in Bioenergetics, 1985, , 53-95.	2.7	19
1480	Signal Transfer from Hormone Receptor to Adenylate Cyclase. Current Topics in Cellular Regulation, 1976, 10, 41-87.	9.6	46
1481	MOLECULAR DYNAMICS IN BIOLOGICAL AND BIOCHEMICAL SYSTEMS. , 1975, , 298-388.		1
1482	FLUID LIPID REGIONS IN NORMAL AND ROUS SARCOMA VIRUS TRANSFORMED CHICK EMBRYO FIBROBLASTS. , 1974, , 97-115.		3
1483	MONOLAYER AT THE AIR/WATER INTERFACE VS OIL/WATER INTERFACE AS A BILAYER MEMBRANE MODEL. , 1976, , 271-284.		7
1484	INHIBITION OF CELL PROLIFERATION AND LOCOMOTION BY INTERFERON: MEMBRANE AND CYTOSKELETAL CHANGES IN TREATED CELLS. , 1981, , 417-442.		3
1485	Phospholipid Membranes as Experimental Models for Biological Membranes. , 1973, , 159-225.		3
1486	Spin Labeling. , 1976, , 149-197.		13
1487	The Physical State of Phospholipids and Cholesterol in Monolayers, Bilayers, and Membranes. Progress in Surface and Membrane Science, 1972, 5, 139-221.	0.9	225
1488	NMR Studies of Model Biological Membrane Systems: Unsonicated Surfactant-Water Dispersions. Progress in Surface and Membrane Science, 1978, , 183-243.	0.9	5
1489	Phase Transitions in Two-Dimensional Amphiphilic Systems. Progress in Surface and Membrane Science, 1981, 14, 291-351.	0.9	20

#	ARTICLE	IF	CITATIONS
1490	THE STRUCTURAL AND FUNCTIONAL ROLES OF LIPIDS IN THE SURFACES OF ANIMAL CELLS GROWN IN VITRO. , 1977, , 109-148.		4
1491	THE ROLE OF DOCOSAHEXAENOIC ACID (22:6 ω 3) IN BIOLOGICAL MEMBRANES: EXAMPLES FROM PHOTORECEPTORS AND MODEL MEMBRANE BILAYERS ¹¹ This work was supported by grants from the National Eye Institute.. , 1986, , 319-351.		54
1492	CELL MEMBRANES AND DISEASE PROCESSES. , 1975, , 1-103.		15
1493	Physical studies of membranes. , 1976, , 78-96.		1
1494	Physicochemical studies of cellular membranes. , 1976, , 97-137.		2
1495	The dynamics of cell membrane organization. , 1977, , 1-73.		23
1496	The influence of membrane fluidity on the activity of membrane-bound enzymes. , 1977, , 205-293.		45
1497	Regulation of enzymes by fatty acyl coenzyme A. Site-specific binding of fatty acyl coenzyme A by citrate synthaseâ€“a spin-labeling study.. Journal of Biological Chemistry, 1979, 254, 2800-2806.	1.6	24
1498	Mechanism of ATP hydrolysis by sarcoplasmic reticulum and the role of phospholipids.. Journal of Biological Chemistry, 1976, 251, 5414-5423.	1.6	150
1499	Factors affecting the acyl selectivities of acyltransferases in Escherichia coli.. Journal of Biological Chemistry, 1976, 251, 2487-2492.	1.6	56
1500	Single bilayer lipid-protein vesicles formed from phosphatidylcholine and small intestinal sucrose.isomaltase.. Journal of Biological Chemistry, 1978, 253, 7538-7546.	1.6	88
1501	Human serum albumin. Spectroscopic studies of binding and proximity relationships for fatty acids and bilirubin.. Journal of Biological Chemistry, 1979, 254, 391-400.	1.6	222
1502	Biosynthesis of peptidoglycan. Definition of the microenvironment of undecaprenyl diphosphate-N-acetylmuramyl-(5-dimethylaminonaphthalene-1-sulfonyl) pentapeptide by fluorescence spectroscopy.. Journal of Biological Chemistry, 1978, 253, 472-478.	1.6	28
1503	Correction of abnormal lipid fluidity and composition of rat ileal microvillus membranes in chronic streptozotocin-induced diabetes by insulin therapy.. Journal of Biological Chemistry, 1985, 260, 12405-12409.	1.6	47
1504	Interaction of crotoxin and its isolated subunits with spin-labeled fatty acids.. Journal of Biological Chemistry, 1985, 260, 8765-8770.	1.6	4
1505	Regulation of enzymes by fatty acyl coenzyme A. Interactions of short and long chain spin-labeled acyl-CoA with the acetyl-CoA site on pig heart citrate synthase.. Journal of Biological Chemistry, 1984, 259, 1423-1430.	1.6	15
1506	Alteration of synaptic membrane cholesterol/phospholipid ratio using a lipid transfer protein. Effect on gamma-aminobutyric acid uptake.. Journal of Biological Chemistry, 1983, 258, 1242-1253.	1.6	90
1507	The role of membranes in the mechanism of action of the antineoplastic agent adriamycin. Spin-labeling studies with chronically hypoxic and drug-resistant tumor cells.. Journal of Biological Chemistry, 1983, 258, 339-343.	1.6	118

#	ARTICLE	IF	CITATIONS
1508	Correction by 1-25-dihydroxycholecalciferol of the abnormal fluidity and lipid composition of enterocyte brush border membranes in vitamin D-deprived rats.. Journal of Biological Chemistry, 1986, 261, 16404-16409.	1.6	54
1509	Sterol and squalene carrier protein interactions with fluorescent delta 5,7,9(11)-cholestatrien-3 beta-ol.. Journal of Biological Chemistry, 1985, 260, 2904-2911.	1.6	61
1510	Liver ischemia increases the molecular order of microsomal membranes by increasing the cholesterol-to-phospholipid ratio.. Journal of Biological Chemistry, 1984, 259, 13217-13223.	1.6	18
1511	Multiple thermotropic phase transitions in Escherichia coli membranes and membrane lipids. A comparison of results obtained by nitroxyl stearate paramagnetic resonance, pyrene excimer fluorescence, and enzyme activity measurements.. Journal of Biological Chemistry, 1975, 250, 6969-6976.	1.6	113
1512	Hydrocarbon chain packing and molecular motion in phospholipid bilayers formed from unsaturated lecithins. Synthesis and properties of sixteen positional isomers of 1,2-dioctadecenoyl-sn-glycero-3-phosphorylcholine.. Journal of Biological Chemistry, 1975, 250, 4470-4476.	1.6	216
1513	Bovine serum albumin. Study of the fatty acid and steroid binding sites using spin-labeled lipids.. Journal of Biological Chemistry, 1975, 250, 2487-2494.	1.6	104
1514	Properties of membrane-associated sialyltransferase of Escherichia coli.. Journal of Biological Chemistry, 1975, 250, 164-170.	1.6	31
1515	Human High Density Lipoprotein, Apolipoprotein Glutamine II. Journal of Biological Chemistry, 1973, 248, 5218-5224.	1.6	65
1516	Effect of specific fatty acyl enrichments on membrane physical properties detected with a spin label probe.. Journal of Biological Chemistry, 1978, 253, 6493-6501.	1.6	91
1517	Dynamics of amino acid side chains in membrane proteins by high field solid state deuterium nuclear magnetic resonance spectroscopy. Phenylalanine, tyrosine, and tryptophan.. Journal of Biological Chemistry, 1981, 256, 9028-9036.	1.6	104
1518	Similarities in the membrane fluidity of 3T3 and SV101-3T3 cells and its relation to concanavalin A- and wheat germ agglutinin-induced agglutination.. Journal of Biological Chemistry, 1978, 253, 1972-1977.	1.6	41
1519	Deuterium NMR of specifically deuterated fluorine spin probes.. Journal of Biological Chemistry, 1980, 255, 11652-11655.	1.6	22
1520	Lipid dynamics and lipid-protein interactions in rat hepatocyte plasma membranes.. Journal of Biological Chemistry, 1980, 255, 10902-10908.	1.6	70
1521	Bulk membrane fluidity increases after fertilization or partial activation of sea urchin eggs.. Journal of Biological Chemistry, 1980, 255, 5411-5419.	1.6	26
1522	Influence of fatty acyl substitution on the composition and function of macrophage membranes.. Journal of Biological Chemistry, 1980, 255, 4910-4917.	1.6	85
1523	Increased membrane acyl chain ordering activates adenylate cyclase.. Journal of Biological Chemistry, 1979, 254, 9135-9141.	1.6	104
1524	Biophysical properties of a major membrane phospholipid, dielaidoylphosphatidylethanolamine, found in an Escherichia coli fatty acid auxotroph.. Journal of Biological Chemistry, 1979, 254, 8256-8262.	1.6	15
1525	Perturbation of membrane dynamics in nerve cells as an early event during bilirubin-induced apoptosis. Journal of Lipid Research, 2002, 43, 885-894.	2.0	73

#	ARTICLE	IF	CITATIONS
1526	Regulation of cholesterol-7 α -hydroxylase: BAREly missing a SHP. Journal of Lipid Research, 2002, 43, 533-543.	2.0	152
1527	Synthesis of a spin-labeled phospholipid for studying membrane dynamics in intact mammalian cells.. Journal of Lipid Research, 1988, 29, 1101-1104.	2.0	7
1528	A convenient synthesis of phosphatidylcholines: acylation of sn-glycero-3-phosphocholine with fatty acid anhydride and 4-pyrrolidinopyridine.. Journal of Lipid Research, 1979, 20, 674-677.	2.0	107
1529	An electron spin resonance study of cholestane spin label in aqueous mixtures of biliary lipids. Journal of Lipid Research, 1977, 18, 417-422.	2.0	13
1530	A model for the non-diffusive part of the motion of the paraffinic chains in lipid-water systems. Analyses of nmr experiments. Journal De Physique, 1972, 33, 887-893.	1.8	7
1531	Etude par RPE de l'organisation de la phase smectique C du 4-4'-di-heptyloxyazoxybenzÃ"ne. Journal De Physique, 1981, 42, 331-343.	1.8	4
1532	Physical properties of membrane lipids: biological relevance and regulation. Bacteriological Reviews, 1975, 39, 232-256.	7.7	285
1533	Neisseria gonorrhoeae membrane microenvironment studied by spin-label electron spin resonance: comparison of colony types. Journal of Bacteriology, 1979, 139, 98-106.	1.0	9
1534	Effects of Filipin on the Structure and Biological Activity of Enveloped Viruses. Journal of Virology, 1977, 24, 883-892.	1.5	24
1535	Interaction of vesicular stomatitis virus with lipid vesicles: depletion of cholesterol and effect on virion membrane fluidity and infectivity. Journal of Virology, 1978, 27, 320-329.	1.5	46
1536	Structural changes in BHK cell plasma membrane caused by the binding of vesicular stomatitis virus. Journal of Virology, 1981, 39, 82-86.	1.5	10
1537	Effect of the Gel-Liquid Crystal Transition on the Lipid-Preference of Protein in Lipid Bilayer Membranes. Journal of the Physical Society of Japan, 1984, 53, 3699-3711.	0.7	1
1538	Modification of red cell membrane structure by cholesterol-rich lipid dispersions. A model for the primary spur cell defect.. Journal of Clinical Investigation, 1975, 55, 115-126.	3.9	328
1539	Fluorescence polarization studies of rat intestinal microvillus membranes.. Journal of Clinical Investigation, 1977, 59, 536-548.	3.9	187
1540	Decreased Fluidity of Red Cell Membrane Lipids in Abetalipoproteinemia. Journal of Clinical Investigation, 1977, 60, 115-121.	3.9	119
1541	Electron Spin Resonance Studies of Erythrocytes from Patients with Duchenne Muscular Dystrophy. Journal of Clinical Investigation, 1978, 61, 251-259.	3.9	94
1542	Increased Fluidity of Human Platelet Membranes during Complement-Mediated Immune Platelet Injury. Journal of Clinical Investigation, 1978, 61, 582-589.	3.9	12
1543	Premalignant alterations in the lipid composition and fluidity of colonic brush border membranes of rats administered 1,2 dimethylhydrazine.. Journal of Clinical Investigation, 1986, 77, 831-840.	3.9	34

#	ARTICLE	IF	CITATIONS
1544	Electron Paramagnetic Resonance Studies of Skin Lipid Structure. , 2009, , 207-214.		4
1545	Spin-labeling studies on the Membranes of Differentiating Cells of <i>Dictyostelium discoideum</i>. Cell Structure and Function, 1978, 3, 31-37.	0.5	7
1546	Probing the Interaction of Brain Fatty Acid Binding Protein (B-FABP) with Model Membranes. PLoS ONE, 2013, 8, e60198.	1.1	15
1547	Altered membrane lipid dynamics and chemoprevention by non-steroidal anti inflammatory drugs during colon carcinogenesis. Nutricion Hospitalaria, 2011, 26, 1141-54.	0.2	4
1548	Rheological Properties and Internal Structure on the Self-organized Assembly Comprising Cationic Surfactant/Long-Chain Alcohol/Water. Effect of Surfactant/Alcohol Molar Ratio.. Nihon Reorji Gakkaishi, 2000, 28, 73-78.	0.2	6
1549	Propagation Constant of a Longitudinal Wave in Dispersions of Spherical Shell Structures and Ultrasonic Velocity Measurements in Erythrocyte Ghost Suspensions. Nihon Reorji Gakkaishi, 1975, 3, 35-41.	0.2	3
1550	Molecular dynamics simulations of charged and neutral lipid bilayers: treatment of electrostatic interactions.. Acta Biochimica Polonica, 2003, 50, 789-798.	0.3	37
1551	Interactions <i>in vitro</i> of isolated nerve-ending with ions. Seibutsu Butsuri, 1976, 16, 113-125.	0.0	3
1552	Comparison of physical properties of membrane phospholipid liposomes in rat salivary glands.. Japanese Journal of Oral Biology, 1986, 28, 766-769.	0.1	7
1553	Electron spin resonance studies on the spin label of rat cardiac mitochondria treated with adriamycin.. Kurume Medical Journal, 1987, 34, 59-64.	0.0	4
1554	UV Exposure alters the membrane lipid composition and cell membrane fluidity of intact cultured B-16 melanoma cells.. Kurume Medical Journal, 1988, 35, 159-169.	0.0	7
1555	Establishment of Ex Vivo Stratum Corneum Lipid Ordering Analysis by Electron Spin Resonance. Journal of Society of Cosmetic Chemists of Japan, 2008, 42, 231-236.	0.0	1
1556	Facile Preparation of Polymer-Surfactants Derived from Chitosan.. Journal of Oleo Science, 2001, 50, 773-780.	0.6	3
1557	Thermal Properties of Aqueous Vesicle Dispersion Formed with Poly (oxyethylene) hydrogenated Castor Oil. Journal of Japan Oil Chemists Society, 1992, 41, 1197-1202.	0.1	7
1558	Phase Behavior in Water-Sucrose Monoalkanoate Systems.. Journal of Japan Oil Chemists' Society, 1996, 45, 849-855.	0.3	15
1559	Electron Spin Resonance Evaluation of Buccal Membrane Fluidity Alterations by Sodium Caprylate and L-Menthol. International Journal of Molecular Sciences, 2021, 22, 10708.	1.8	6
1560	Cell physiology and molecular mechanism of anion transport by erythrocyte band 3/AE1. American Journal of Physiology - Cell Physiology, 2021, 321, C1028-C1059.	2.1	27
1561	Properties of Some Biosurfactants and Their Applications. Journal of Japan Oil Chemists' Society, 2000, 49, 1343-1367,1444.	0.3	0

#	ARTICLE	IF	CITATIONS
1562	Analysis of Structural Change in Intercellular Lipids of Human Stratum Corneum Induced by Surfactants. , 2004, , 695-722.		0
1563	Health and Nutritional Effects of Vitamin E Homologues and Vitamin K. Oleoscience, 2007, 7, 413-421.	0.0	0
1565	Structure of Stratum Corneum Lipid Studied by Electron Paramagnetic Resonance. , 2010, , 725-733.		0
1567	Magnetic Resonance Studies of Membranes and Lipids. , 1971, , 201-228.		0
1568	Motion of Spin Labeled Fatty Acids in Membrane Structures. , 1972, 3, 267-279.		7
1569	NMR STUDIES OF LIPID BILAYER SYSTEMS USED AS MODEL MEMBRANES. , 1974, , 107-129.		0
1570	Structure and Synthesis of Bacteriophage PM2, with Particular Emphasis on the Viral Lipid Bilayer. Modern Aspects of Electrochemistry, 1974, , 107-159.	0.2	22
1571	The Inner Mitochondrial Membrane: Composition and Function. Progress in Surface and Membrane Science, 1974, 8, 209-243.	0.9	0
1572	Impurity Effects of Spin-Label Probes: An Evaluation Using Monomolecular Film Techniques. , 1974, , 175-182.		0
1573	Fluidity and Phase Transitions of Cell Membranes. , 1975, 7, 1-9.		17
1574	Lipide. , 1976, , 156-168.		0
1575	Properties of Bimolecular Lipid Membranes. Journal of Japan Oil Chemists Society, 1976, 25, 121-127.	0.1	0
1576	A perspective on models of membrane structure**Literature survey concluded October 1973, with minor additions April 1975.. , 1976, , 244-264.		4
1577	Principal Values of the g and Hyperfine Tensors for Several Nitroxides Reported to Date. , 1976, , 564-565.		0
1578	LIPID STRUCTURE OF LIVER MICROSOMAL MEMBRANES, LIMITATIONS OF A MODEL. , 1977, , 1-8.		1
1579	Monomolecular Films and Membrane Structure. , 1977, , 63-83.		2
1580	ESR STUDY OF SPECTRIN-PHOSPHOLIPID ASSOCIATIONS. , 1978, , 109-113.		0
1581	Analytical Techniques for the Study of Biological Membranes. , 1978, , 253-298.		0

#	ARTICLE	IF	CITATIONS
1582	Lipids (XVIII). Journal of Japan Oil Chemists Society, 1980, 29, 363-367.	0.1	0
1583	Cholesteryl Ester-Rich Very Low Density Lipoproteins: Magnetic Resonance Studies. , 1980, , 189-196.		0
1585	Membrane functions. , 1982, , 17-25.		0
1586	Structure, Dynamics, and Signaling across Cell Membranes. , 1982, , 481-488.		0
1587	NMR in the Study of Membranes. , 1982, , 109-113.		0
1588	Ultrasonic Study of Sarcoplasmic Reticulum. Nihon Reorogi Gakkaishi, 1982, 10, 97-100.	0.2	0
1589	An Effective Proton Hyperfine Tensor for Di-Tertbutylnitroxide. , 1984, , 579-596.		3
1590	Membrane Fluidity and Lipid Composition. , 1985, , 261-276.		0
1591	Principles of Water and Nonelectrolyte Transport across Membranes. , 1987, , 177-190.		0
1592	Structure of Biological Membranes and of Their Models. I. , 1987, , 3-30.		0
1593	Progress and prospect of biomembrane research. Physical aspect of biomembranes.. Membrane, 1988, 13, 62-72.	0.0	0
1594	Spin Immunoassays. , 1988, , 133-157.		1
1595	Research on Oxygen Transport in Jaw Cysts: Investigation of Changes of Erythrocyte Membrane Fluidity. Advances in Experimental Medicine and Biology, 1988, 222, 647-653.	0.8	0
1596	Alterations in Membrane Fluidity of Hypertension Determined by an Electron Spin Resonance Method. , 1988, , 463-470.		0
1597	Highly Curved Defects in Lamellar Phases: Non-Ionic Lamellar Phases and Birefringent Microemulsions. , 1989, , 273-283.		0
1598	ESR Study on Two Motional States of Acyl Chains in P ₂ Phase of Phospholipid. Journal of the Physical Society of Japan, 1993, 62, 4154-4155.	0.7	2
1599	Effect of chronic ethanol administration on mitochondrial membrane fluidity in rat liver and kidneys. Okayama Igakkai Zasshi, 1994, 106, 1177-1181.	0.0	1
1600	Partitioning of Stearic Acid Spin Labels into Phospholipid Bilayers with Different Fluidities. Journal of the Physical Society of Japan, 1994, 63, 3894-3898.	0.7	1

#	ARTICLE	IF	CITATIONS
1601	Dynamic Structure and Signal Transduction of Biomembrane Lipids. Journal of Japan Oil Chemists Society, 1995, 44, 721-729.	0.1	0
1602	A quarter of century since the proposal of the fluid mosaic membrane model.. Membrane, 1996, 21, 220-222.	0.0	0
1603	Receptor and Nonreceptor Membrane-Mediated Effects of THC and Cannabinoids. , 1999, , 781-805.		4
1604	Achievement of Biomembrane Research in the 20th Century and Problems Carried over to the Next Century.. Membrane, 1999, 24, 238-246.	0.0	0
1605	Structure of Stratum Corneum Lipid Studied by Electron Paramagnetic Resonance. , 2015, , 1-16.		0
1606	Structure of Stratum Corneum Lipid Studied by Electron Paramagnetic Resonance. , 2017, , 1155-1170.		0
1608	Lipid Melting Transitions Involve Structural Redistribution of Interfacial Water. Journal of Physical Chemistry B, 2021, 125, 12457-12465.	1.2	9
1611	Interaction of cholesterol and cholesterol analogs with egg phosphatidylcholine in a lipid solvent.. Journal of Biological Chemistry, 1981, 256, 6714-6720.	1.6	0
1612	LIPID-PROTEIN INTERACTIONS IN SARCOPLASMIC RETICULUM ARE NOT PERTURBED BY IONOPHORE A23187. An EPR and Fluorescence Study. Biophysical Journal, 1982, 37, 633-636.	0.2	8
1618	Mapping the catalytic pocket of phospholipases A2 and C using a novel set of phosphatidylcholines. Biochemical Journal, 2000, 346 Pt 3, 679-90.	1.7	4
1619	Lipid-protein interactions in sarcoplasmic reticulum are not perturbed by ionophore A23187. An EPR and fluorescence study. Biophysical Journal, 1982, 37, 633-6.	0.2	8
1620	Cytochalasin delays but does not prevent cell death from anoxia. American Journal of Pathology, 1984, 117, 163-6.	1.9	1
1621	Differential effects of interferon-gamma and -beta on fatty acid turnover, lipid bilayer fluidity and TNF-alpha release in murine macrophage J774.2 cells. International Journal of Experimental Pathology, 1995, 76, 331-7.	0.6	5
1623	Half a century deciphering membrane structure, dynamics and function: a short description of the life and research of Shirley Schreier. Biophysical Reviews, 2021, 13, 849-852.	1.5	1
1624	Mechanisms of Formation, Structure, and Dynamics of Lipoprotein Discs Stabilized by Amphiphilic Copolymers: A Comprehensive Review. Nanomaterials, 2022, 12, 361.	1.9	12
1625	The N-terminal helices of amphiphysin and endophilin have different capabilities of membrane remodeling. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183907.	1.4	3
1628	Divergent effects of cholesterol on the structure and fluidity of liposome and cationic vesicle membranes. FEBS Letters, 2022, 596, 1827-1838.	1.3	2
1630	Effect of tumour angiogenesis factors on the membrane of capillary and aortic endothelial cells: an e.s.r. spin-label study. Journal of Cell Science, 1984, 68, 153-162.	1.2	1

#	ARTICLE	IF	CITATIONS
1631	Paramagnetic probes in membrane biophysics. Proceedings of the Indian Academy of Sciences - Section A, 1985, 95, .	0.2	0
1632	Multilamellar Liposomes as a Model for Biological Membranes: Saturation Recovery EPR Spin-Labeling Studies. Membranes, 2022, 12, 657.	1.4	2
1633	Protein delivery to living cells by thermal stimulation for biophysical investigation. Scientific Reports, 2022, 12, .	1.6	3
1634	Thermotropic Behavior and Structural Organization of C24:1 Sulfatide Dispersions and Its Mixtures with Cationic Bilayers. ACS Omega, 2023, 8, 5306-5315.	1.6	1
1635	Biochemische Anpassung von <i>Dunaliella</i> an wechselnde Salinität und Temperatur. , 1979, 92, 43-54.		25
1641	Wayne Hubbell and the Path to Site-Directed Spin Labeling. Applied Magnetic Resonance, 2024, 55, 5-10.	0.6	0
1643	EPR Studies of Chaperone Interactions and Dynamics. , 2023, , 242-277.		0