## Identifying conformational changes with site-directed s

Nature Structural Biology 7, 735-739 DOI: 10.1038/78956

Citation Report

#	Article	IF	CITATIONS
1	Immobilizing the Moving Parts of Voltage-Gated Ion Channels. Journal of General Physiology, 2000, 116, 461-476.	0.9	129
2	Electron Spin Resonance in Studies of Membranes and Proteins. Science, 2001, 291, 266-269.	6.0	338
3	What is the average conformation of bacteriophage T4 lysozyme in solution? a domain orientation study using dipolar couplings measured by solution NMR 1 1Edited by P. E. Wright. Journal of Molecular Biology, 2001, 308, 745-764.	2.0	90
4	Location and Dynamics of Basic Peptides at the Membrane Interface: Electron Paramagnetic Resonance Spectroscopy of Tetramethyl-Piperidine-N-Oxyl-4-Amino-4-Carboxylic Acid-Labeled Peptides. Biophysical Journal, 2001, 81, 2241-2250.	0.2	62
5	Spin and Fluorescent Probing of the Binding Interface between Tissue Factor and Factor VIIa at Multiple Sites. Biophysical Journal, 2001, 81, 2357-2369.	0.2	11
6	Calculation of Rigid-Body Conformational Changes Using Restraint-Driven Cartesian Transformations. Biophysical Journal, 2001, 81, 2530-2546.	0.2	21
7	Time-Resolved Detection of Transient Movement of Helices F and G in Doubly Spin-Labeled Bacteriorhodopsin. Biophysical Journal, 2001, 80, 2856-2866.	0.2	115
8	The conformational switch in muscarinic acetylcholine receptors. Life Sciences, 2001, 68, 2495-2500.	2.0	22
9	Identification of a Subunit Interface in Transthyretin Amyloid Fibrils:  Evidence for Self-Assembly from Oligomeric Building Blocks. Biochemistry, 2001, 40, 9089-9096.	1.2	69
10	β-Barrel Pore-Forming Toxins:  Intriguing Dimorphic Proteins. Biochemistry, 2001, 40, 9065-9073.	1.2	141
11	High-field EPR-detected shifts of magnetic tensor components of spin label side chains reveal protein conformational changes: The proton entrance channel of bacteriorhodopsin. Applied Magnetic Resonance, 2001, 21, 441-452.	0.6	37
12	Labelling approaches for protein structural studies by solution-state and solid-state NMR. Progress in Nuclear Magnetic Resonance Spectroscopy, 2001, 39, 171-190.	3.9	105
13	Biophysical methods to study ligand-receptor interactions of neuropeptide Y. Biopolymers, 2001, 60, 420-437.	1.2	30
14	Structural insights into the early steps of receptor-transducer signal transfer in archaeal phototaxis. EMBO Journal, 2001, 20, 5312-5319.	3.5	164
15	The neuronal t-SNARE complex is a parallel four-helix bundle. Nature Structural Biology, 2001, 8, 308-311.	9.7	101
16	Structure of the KcsA channel intracellular gate in the open state. Nature Structural Biology, 2001, 8, 883-887.	9.7	185
17	Crystal structure of rhodopsin: implications for vision and beyond. Current Opinion in Structural Biology, 2001, 11, 420-426.	2.6	122
18	High-resolution structures and dynamics of membrane protein–lipid complexes: a critique. Current Opinion in Structural Biology, 2001, 11, 427-432.	2.6	42

#	Article	IF	CITATIONS
19	Biophysical approaches to membrane protein structure determination. Current Opinion in Structural Biology, 2001, 11, 540-547.	2.6	158
21	Homo- and Heterooligomeric SNARE Complexes Studied by Site-directed Spin Labeling. Journal of Biological Chemistry, 2001, 276, 13169-13177.	1.6	115
22	Site-Directed Spin-Labeling Analysis of Reconstituted Mscl in the Closed State. Journal of General Physiology, 2001, 118, 193-206.	0.9	96
23	Real-time Observation of Coiled-coil Domains and Subunit Assembly in Intermediate Filaments. Journal of Biological Chemistry, 2002, 277, 35516-35522.	1.6	38
24	Environment and Mobility of a Series of Fluorescent Reporters at the Amino Terminus of Structurally Related Peptide Agonists and Antagonists Bound to the Cholecystokinin Receptor. Journal of Biological Chemistry, 2002, 277, 18552-18560.	1.6	48
25	Structural and Dynamic Features of Alzheimer's Aβ Peptide in Amyloid Fibrils Studied by Site-directed Spin Labeling. Journal of Biological Chemistry, 2002, 277, 40810-40815.	1.6	361
26	Overexpression, purification, and site-directed spin labeling of the Nramp metal transporter from Mycobacterium leprae. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8608-8613.	3.3	19
27	Rapid and Selective Binding to the Synaptic SNARE Complex Suggests a Modulatory Role of Complexins in Neuroexocytosis. Journal of Biological Chemistry, 2002, 277, 7838-7848.	1.6	121
28	The Four-helix Bundle of the Neuronal Target Membrane SNARE Complex Is Neither Disordered in the Middle nor Uncoiled at the C-terminal Region. Journal of Biological Chemistry, 2002, 277, 24294-24298.	1.6	37
29	Magnetic Resonance Studies of the Bacteriorhodopsin Pump Cycle. Annual Review of Biophysics and Biomolecular Structure, 2002, 31, 73-95.	18.3	96
30	Reactions of cysteines substituted in the amphipathic N-terminal tail of a bacterial potassium channel with hydrophilic and hydrophobic maleimides. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11605-11610.	3.3	22
31	Electrostatic Properties of Membrane Lipids Coupled to Metarhodopsin II Formation in Visual Transduction. Journal of the American Chemical Society, 2002, 124, 7690-7701.	6.6	50
32	Oxygen as a Paramagnetic Probe of Membrane Protein Structure by Cysteine Mutagenesis and 19F NMR Spectroscopy. Journal of the American Chemical Society, 2002, 124, 1778-1781.	6.6	94
33	Deuterium Spin Probes of Side-Chain Dynamics in Proteins. 1. Measurement of Five Relaxation Rates per Deuteron in 13C-Labeled and Fractionally 2H-Enriched Proteins in Solution. Journal of the American Chemical Society, 2002, 124, 6439-6448.	6.6	180
34	Perfluorooctyl Bromide Has Limited Membrane Solubility and Is Located at the Bilayer Center. Locating Small Molecules in Lipid Bilayers through Paramagnetic Enhancements of NMR Relaxation. Journal of Medicinal Chemistry, 2002, 45, 5534-5542.	2.9	20
35	ENZYMOLOGY: A Moving Story. Science, 2002, 295, 1480-1481.	6.0	61
36	Peptide-membrane interactions determined using site-directed spin labeling. Current Topics in Membranes, 2002, , 3-29.	0.5	3
37	Protein Structure Determination Using Long-Distance Constraints from Double-Quantum Coherence ESR:Â Study of T4 Lysozyme. Journal of the American Chemical Society, 2002, 124, 5304-5314.	6.6	268

#	Article	IF	CITATIONS
38	P-glycoprotein misfolds in Escherichia coli : evidence against alternating-topology models of the transport cycle. Molecular Membrane Biology, 2002, 19, 51-58.	2.0	15
39	Selective reduction and chemical modification of oxidized lipase cysteine mutants. Canadian Journal of Chemistry, 2002, 80, 529-539.	0.6	14
40	Structural studies on rhodopsin. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1565, 183-195.	1.4	20
41	Structure Modeling of the Chemokine Receptor CCR5: Implications for Ligand Binding and Selectivity. Biophysical Journal, 2002, 83, 3012-3031.	0.2	71
42	Methods for study of protein dynamics and protein-protein interaction in protein-ubiquitination by electron paramagnetic resonance spectroscopy. Frontiers in Bioscience - Landmark, 2002, 7, c97-110.	3.0	27
43	A new spin on protein dynamics. Trends in Biochemical Sciences, 2002, 27, 288-295.	3.7	403
44	Applications of Fluorescence in the Characterization of the Ligand-Binding Domain and Activation of the Cholecystokinin Receptor. Basic and Clinical Pharmacology and Toxicology, 2002, 91, 286-289.	0.0	3
45	Structural Basis for Activation of G-Protein-Coupled Receptors. Basic and Clinical Pharmacology and Toxicology, 2002, 91, 304-312.	0.0	79
46	Electron paramagnetic resonance backbone dynamics studies on spin-labelled neuropeptide Y analogues. Journal of Peptide Science, 2002, 8, 671-682.	0.8	33
47	Flexibility in monomeric Cu,Zn superoxide dismutase detected by limited proteolysis and molecular dynamics simulation. Proteins: Structure, Function and Bioinformatics, 2002, 47, 513-520.	1.5	20
48	Subdomains in the F and G helices of bacteriorhodopsin regulate the conformational transitions of the reprotonation mechanism. Proteins: Structure, Function and Bioinformatics, 2002, 48, 269-282.	1.5	5
49	Synthesis of bifunctionalized nitroxyls via intramolecular epoxide ring opening. Tetrahedron Letters, 2002, 43, 553-555.	0.7	5
50	Open channel structure of MscL and the gating mechanism of mechanosensitive channels. Nature, 2002, 418, 942-948.	13.7	572
51	Physical principles underlying the transduction of bilayer deformation forces during mechanosensitive channel gating. Nature Structural Biology, 2002, 9, 696-703.	9.7	605
52	Investigation of RNA-Protein and RNA-Metal Ion Interactions by Electron Paramagnetic Resonance Spectroscopy. Chemistry and Biology, 2002, 9, 699-706.	6.2	66
53	Site-directed spin labeling of a bacterial chemoreceptor reveals a dynamic, loosely packed transmembrane domain. Protein Science, 2002, 11, 1472-1481.	3.1	13
54	Assessing the effects of time and spatial averaging in 15N chemical shift/15N-1H dipolar correlation solid state NMR experiments. Journal of Biomolecular NMR, 2003, 26, 283-295.	1.6	47
55	Potassium channel gating observed with site-directed mass tagging. Nature Structural and Molecular Biology, 2003, 10, 280-284.	3.6	53

#	Article	IF	CITATIONS
56	The C-terminal domain of apolipoprotein A-I contains a lipid-sensitive conformational trigger. Nature Structural and Molecular Biology, 2003, 10, 455-460.	3.6	120
57	Membrane Mimetic Environments Alter the Conformation of the Outer Membrane Protein BtuB. Journal of the American Chemical Society, 2003, 125, 13932-13933.	6.6	35
58	Membrane-Docking Loops of the cPLA2 C2 Domain:Â Detailed Structural Analysis of the Proteinâ^'Membrane Interface via Site-Directed Spin-Labelingâ€. Biochemistry, 2003, 42, 13227-13240.	1.2	66
59	Molecular Dynamics Simulation of Dark-adapted Rhodopsin in an Explicit Membrane Bilayer: Coupling between Local Retinal and Larger Scale Conformational Change. Journal of Molecular Biology, 2003, 333, 493-514.	2.0	95
60	Conformational dynamics of the active site loop of S-adenosylmethionine synthetase illuminated by site-directed spin labeling. Archives of Biochemistry and Biophysics, 2003, 415, 164-171.	1.4	16
61	Rhodopsin structure, dynamics, and activation: A perspective from crystallography, site-directed spin labeling, sulfhydryl reactivity, and disulfide cross-linking. Advances in Protein Chemistry, 2003, 63, 243-290.	4.4	332
62	Differential substrate-induced signaling through the TonB-dependent transporter BtuB. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10688-10693.	3.3	41
63	Global Structural Changes in Annexin 12. Journal of Biological Chemistry, 2003, 278, 30227-30234.	1.6	19
64	pH-induced Conformational Changes of AcrA, the Membrane Fusion Protein of Escherichia coli Multidrug Efflux System. Journal of Biological Chemistry, 2003, 278, 50474-50482.	1.6	39
65	Random Mutagenesis of the M3 Muscarinic Acetylcholine Receptor Expressed in Yeast. Journal of Biological Chemistry, 2003, 278, 30248-30260.	1.6	42
66	A photochemical approach to the lipid accessibility of engineered cysteinyl residues. Proceedings of the United States of America, 2003, 100, 886-891.	3.3	3
67	Constitutive Activation of CCR5 and CCR2 Induced by Conformational Changes in the Conserved TXP Motif in Transmembrane Helix 2. Journal of Biological Chemistry, 2003, 278, 36513-36521.	1.6	38
68	High Affinity Agonistic Metal Ion Binding Sites within the Melanocortin 4 Receptor Illustrate Conformational Change of Transmembrane Region 3. Journal of Biological Chemistry, 2003, 278, 51521-51526.	1.6	42
69	The structure of the inter-SH2 domain of class IA phosphoinositide 3-kinase determined by site-directed spin labeling EPR and homology modeling. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3275-3280.	3.3	41
70	Structure and Dynamics of Annexin 12 Bound to a Planar Lipid Bilayer. Physical Review Letters, 2003, 91, 188101.	2.9	17
71	A New Method for Mapping Discontinuous Antibody Epitopes to Reveal Structural Features of Proteins. Journal of Computational Biology, 2003, 10, 555-567.	0.8	39
72	The Role of the Fast Motion of the Spin Label in the Interpretation of EPR Spectra for Spin-Labeled Macromolecules. Journal of Biomolecular Structure and Dynamics, 2003, 21, 367-378.	2.0	9
73	Competing ligands stabilize alternate conformations of the energy coupling motif of a TonB-dependent outer membrane transporter. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11382-11387.	3.3	32

~	_
CITAT	Report
CITAL	<b>NEFORT</b>

#	Article	IF	CITATIONS
74	Structural Organization of α-Synuclein Fibrils Studied by Site-directed Spin Labeling. Journal of Biological Chemistry, 2003, 278, 37530-37535.	1.6	316
75	Membrane-anchoring and Charge Effects in the Interaction of Myelin Basic Protein with Lipid Bilayers Studied by Site-directed Spin Labeling. Journal of Biological Chemistry, 2003, 278, 29041-29047.	1.6	75
76	[9] Application of fluorescent probes to study mechanics and dynamics of Ca2+-triggered synaptotagmin C2 domain-membrane interactions. Methods in Enzymology, 2003, 360, 238-258.	0.4	5
77	Chemotaxis Receptors and Signaling. Advances in Protein Chemistry, 2004, 68, 393-444.	4.4	27
78	High-power 95 GHz pulsed electron spin resonance spectrometer. Review of Scientific Instruments, 2004, 75, 1194-1208.	0.6	91
79	PISEMA Solid-State NMR Spectroscopy. Annual Reports on NMR Spectroscopy, 2004, 52, 1-52.	0.7	165
80	From The Cover: Structure of membrane-bound Â-synuclein studied by site-directed spin labeling. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8331-8336.	3.3	343
81	Inter- and intra-molecular distances determined by EPR spectroscopy and site-directed spin labeling reveal protein-protein and protein-oligonucleotide interaction. Biological Chemistry, 2004, 385, 913-20.	1.2	77
82	Phospholamban structural dynamics in lipid bilayers probed by a spin label rigidly coupled to the peptide backbone. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14437-14442.	3.3	110
83	Template-assisted filament growth by parallel stacking of tau. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10278-10283.	3.3	264
84	Maltose-binding Protein Is Open in the Catalytic Transition State for ATP Hydrolysis during Maltose Transport. Journal of Biological Chemistry, 2004, 279, 28243-28250.	1.6	67
85	SNARE Assembly and Membrane Fusion, a Kinetic Analysis. Journal of Biological Chemistry, 2004, 279, 38668-38672.	1.6	27
86	Identifying Structural Features of Fibrillar Islet Amyloid Polypeptide Using Site-directed Spin Labeling. Journal of Biological Chemistry, 2004, 279, 48420-48425.	1.6	141
87	Structural origins of constitutive activation in rhodopsin: Role of the K296/E113 salt bridge. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12508-12513.	3.3	109
88	Constitutive versus regulated SNARE assembly: a structural basis. EMBO Journal, 2004, 23, 681-689.	3.5	50
89	Application of NMR and EPR methods to the study of RNA. Current Opinion in Structural Biology, 2004, 14, 350-359.	2.6	78
90	In Vitro and In Vivo Measurement of pH and Thiols by EPR-Based Techniques. Antioxidants and Redox Signaling, 2004, 6, 667-676.	2.5	48
91	Data analysis procedures for pulse ELDOR measurements of broad distance distributions. Applied Magnetic Resonance, 2004, 26, 223-244.	0.6	174

#	Article	IF	CITATIONS
92	Comparing continuous wave progressive saturation EPR and time domain saturation recovery EPR over the entire motional range of nitroxide spin labels. Journal of Magnetic Resonance, 2004, 169, 129-163.	1.2	33
93	Kinetic resolution of 1-oxyl-3-hydroxymethyl-2,2,5,5-tetramethylpyrrolidine derivatives by lipase-catalyzed enantiomer selective acylation. Tetrahedron: Asymmetry, 2004, 15, 671-679.	1.8	11
94	A Distance Ruler for RNA Using EPR and Site-Directed Spin Labeling. Chemistry and Biology, 2004, 11, 939-948.	6.2	83
95	Nitroxide Spinâ^'Relaxation over the Entire Motional Range. Journal of Physical Chemistry B, 2004, 108, 4196-4198.	1.2	15
96	Spontaneous Refolding of the Pore-Forming Colicin A Toxin upon Membrane Association As Studied by X-Band and W-Band High-Field Electron Paramagnetic Resonance Spectroscopyâ€. Journal of Physical Chemistry B, 2004, 108, 9541-9548.	1.2	30
97	A Multifrequency Electron Spin Resonance Study of T4 Lysozyme Dynamics Using the Slowly Relaxing Local Structure Model. Journal of Physical Chemistry B, 2004, 108, 17649-17659.	1.2	66
98	High Field/High Frequency Saturation Transfer Electron Paramagnetic Resonance Spectroscopy: Increased Sensitivity to Very Slow Rotational Motions. Biophysical Journal, 2004, 86, 3940-3950.	0.2	10
99	A PELDOR-Based Nanometer Distance Ruler for Oligonucleotides. Journal of the American Chemical Society, 2004, 126, 5722-5729.	6.6	193
100	Structural modeling of dual-affinity purified Pho84 phosphate transporter. FEBS Letters, 2004, 578, 262-268.	1.3	33
101	Microsecond freeze-hyperquenching: development of a new ultrafast micro-mixing and sampling technology and application to enzyme catalysis. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1656, 1-31.	0.5	79
102	Low microwave-amplitude ESR spectroscopy: Measuring spin-relaxation interactions of moderately immobilized spin labels in proteins. Journal of Proteomics, 2004, 60, 117-138.	2.4	6
103	Rhodopsin Photoproducts in 2D Crystals. Journal of Molecular Biology, 2004, 338, 597-609.	2.0	36
104	Spin-Label EPR T1Values Using Saturation Recovery from 2 to 35 GHzâ€. Journal of Physical Chemistry B, 2004, 108, 9524-9529.	1.2	48
105	Phosphorylation-Dependent Changes in Structure and Dynamics in ERK2 Detected by SDSL and EPR. Biophysical Journal, 2004, 86, 395-403.	0.2	22
106	Interresidual Distance Determination by Four-Pulse Double Electron-Electron Resonance in an Integral Membrane Protein: The Na+/Proline Transporter PutP of Escherichia coli. Biophysical Journal, 2004, 86, 2551-2557.	0.2	81
107	Identification of Amino Acids that Promote Specific and Rigid TAR RNA-Tat Protein Complex Formation. Chemistry and Biology, 2005, 12, 329-337.	6.2	34
108	Fluorescence Approaches for Determining Protein Conformations, Interactions and Mechanisms at Membranes. Traffic, 2005, 6, 1078-1092.	1.3	85
109	Atomic Models by Cryo-EM and Site-Directed Spin Labeling: Application to the N-Terminal Region of Hsp16.5. Structure, 2005, 13, 1165-1171.	1.6	29

	Сітаті	on Report	
#	Article	IF	CITATIONS
110	Combining high-field EPR with site-directed spin labeling reveals unique information on proteins in action. Magnetic Resonance in Chemistry, 2005, 43, S4-S19.	1.1	62
111	Orientation of spin labels inde novo peptides. Magnetic Resonance in Chemistry, 2005, 43, S26-S33.	1.1	15
112	Multi-Frequency EPR Spectroscopy Studies of the Structure and Conformational Changes of Site-Directed Spin Labelled Membrane Proteins. , 2005, , 157-177.		2
113	EPR Interfaced To Rapid Mixing. , 2005, , 53-87.		5
114	Dynamics of Arrestin-Rhodopsin Interactions. Journal of Biological Chemistry, 2005, 280, 6861-6871.	1.6	70
115	The G Protein-Coupled Receptors Handbook. Contemporary Clinical Neuroscience, 2005, , .	0.3	5
116	Modulation of Apolipoprotein E Structure by Domain Interaction. Journal of Biological Chemistry, 2005, 280, 34288-34295.	1.6	80
117	Studying 3D Subdomains of Proteins at the Nanometer Scale Using Fluorescence Spectroscopy. , 2005, 300, 165-190.		4
118	Site directed spin labelling and pulsed dipolar electron paramagnetic resonance (double) Tj ETQq0 0 0 rgB 2005, 17, S1459-S1469.	T /Overlock 10 Tf 0.7	50 427 Td (6 26
119	A Helical Hairpin Region of Soluble Annexin B12 Refolds and Forms a Continuous Transmembrane Helix at Mildly Acidic pH. Journal of Biological Chemistry, 2005, 280, 32398-32404.	1.6	21
120	Localization of the N-terminal Domain in Light-harvesting Chlorophyll a/b Protein by EPR Measurements. Journal of Biological Chemistry, 2005, 280, 18623-18630.	1.6	67
121	Fluorescence Resonance Energy Transfer Analysis of the Antagonist- and Partial Agonist-occupied States of the Cholecystokinin Receptor. Journal of Biological Chemistry, 2005, 280, 18631-18635.	1.6	15
122	Conformational Changes in BID, a Pro-apoptotic BCL-2 Family Member, upon Membrane Binding. Journal of Biological Chemistry, 2005, 280, 753-767.	1.6	72
123	Saturation Transfer EPR. , 2005, , 369-407.		5
124	Synthesis of homogenous site-selectively glycosylated proteins. Organic and Biomolecular Chemistry, 2005, 3, 572.	1.5	11
125	Triplet ground state (S= 1) pegylated bis(aminoxyl) diradical: synthesis and the effect of water on magnetic properties. Chemical Communications, 2005, , 5047.	2.2	33
127	Membrane interaction of neuropeptide Y detected by EPR and NMR spectroscopy. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1714, 103-113.	1.4	24
128	Conformational change in full-length mouse prion: A site-directed spin-labeling study. Biochemical and Biophysical Research Communications, 2005, 335, 785-792.	1.0	14

#	Article	IF	CITATIONS
129	Mechanism of Cross-Species Prion Transmission. Cell, 2005, 121, 49-62.	13.5	172
130	The conformation of the pore region of the M2 proton channel depends on lipid bilayer environment. Protein Science, 2005, 14, 856-861.	3.1	91
131	The vertebrate phototransduction cascade: amplification and termination mechanisms. , 2005, 154, 101-121.		42
132	Normal-Modes-Based Prediction of Protein Conformational Changes Guided by Distance Constraints. Biophysical Journal, 2005, 88, 3109-3117.	0.2	86
133	Accessibility and Dynamics of Nitroxide Side Chains in T4 Lysozyme Measured by Saturation Recovery EPR. Biophysical Journal, 2005, 89, 2059-2068.	0.2	65
134	Accessibility of Nitroxide Side Chains: Absolute Heisenberg Exchange Rates from Power Saturation EPR. Biophysical Journal, 2005, 89, 2103-2112.	0.2	125
135	Determination of the Orientation of T4 Lysozyme Vectorially Bound to a Planar-Supported Lipid Bilayer Using Site-Directed Spin Labeling. Biophysical Journal, 2005, 88, 4351-4365.	0.2	30
136	Assessing Oligomerization of Membrane Proteins by Four-Pulse DEER: pH-Dependent Dimerization of NhaA Na+/H+ Antiporter of E. coli. Biophysical Journal, 2005, 89, 1328-1338.	0.2	133
137	Fluorescence Quenching by TEMPO: A Sub-30 Ã Single-Molecule Ruler. Biophysical Journal, 2005, 89, L37-L39.	0.2	27
138	Membrane-Protein Interactions in Cell Signaling and Membrane Trafficking. Annual Review of Biophysics and Biomolecular Structure, 2005, 34, 119-151.	18.3	561
139	A Ruler for Determining the Position of Proteins in Membranes. Journal of the American Chemical Society, 2005, 127, 6430-6442.	6.6	64
140	EPR techniques for studying radical enzymes. Biochimica Et Biophysica Acta - Bioenergetics, 2005, 1707, 91-102.	0.5	39
141	Structural basis of function in heterotrimeric G proteins. Quarterly Reviews of Biophysics, 2006, 39, 117-166.	2.4	193
142	Site-directed spin labeling measurements of nanometer distances in nucleic acids using a sequence-independent nitroxide probe. Nucleic Acids Research, 2006, 34, 4722-4730.	6.5	129
143	Distance Measurements in Solid-State NMR and EPR Spectroscopy. , 2006, , 21-63.		13
144	Relating Protein Motion to Catalysis. Annual Review of Biochemistry, 2006, 75, 519-541.	5.0	565
145	MOLECULAR MECHANISM OF 7TM RECEPTOR ACTIVATION—A GLOBAL TOGGLE SWITCH MODEL. Annual Review of Pharmacology and Toxicology, 2006, 46, 481-519.	4.2	382
146	Dipolar Coupling between Nitroxide Spin Labels: The Development and Application of a Tether-in-a-Cone Model. Biophysical Journal, 2006, 90, 340-356.	0.2	58

#	Article	IF	CITATIONS
147	Modeling Protein Conformational Changes by Iterative Fitting of Distance Constraints Using Reoriented Normal Modes. Biophysical Journal, 2006, 90, 4327-4336.	0.2	45
148	Solutes Modify a Conformational Transition in a Membrane Transport Protein. Biophysical Journal, 2006, 90, 2922-2929.	0.2	27
149	Spin Labeling Analysis of Amyloids and Other Protein Aggregates. Methods in Enzymology, 2006, 413, 122-139.	0.4	40
150	Determination of the Distance between the Two Neutral Flavin Radicals in Augmenter of Liver Regeneration by Pulsed ELDOR. Journal of the American Chemical Society, 2006, 128, 76-77.	6.6	46
151	Mapping the Binding Site of Melanocortin 4 Receptor Agonists:Â A Hydrophobic Pocket Formed by 13.28(125), 13.32(129), and 17.42(291) Is Critical for Receptor Activation. Journal of Medicinal Chemistry, 2006, 49, 911-922.	2.9	30
152	Determining the Topology of Integral Membrane Peptides Using EPR Spectroscopy. Journal of the American Chemical Society, 2006, 128, 9549-9554.	6.6	67
153	Conformational States and Dynamics of Rhodopsin in Micelles and Bilayers. Biochemistry, 2006, 45, 5538-5550.	1.2	83
154	Peptide–membrane interactions and mechanisms of membrane destruction by amphipathic α-helical antimicrobial peptides. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 1245-1256.	1.4	416
155	Calcium-dependent movement of troponin I between troponin C and actin as revealed by spin-labeling EPR. Biochemical and Biophysical Research Communications, 2006, 340, 462-468.	1.0	17
156	Identification of pH-sensitive regions in the mouse prion by the cysteine-scanning spin-labeling ESR technique. Biochemical and Biophysical Research Communications, 2006, 350, 549-556.	1.0	18
157	Structural Dynamics of the Actin–Myosin Interface by Site-directed Spectroscopy. Journal of Molecular Biology, 2006, 356, 1107-1117.	2.0	26
158	Effects of Solubilization on the Structure and Function of the Sensory Rhodopsin II/Transducer Complex. Journal of Molecular Biology, 2006, 356, 1207-1221.	2.0	44
159	Kinetics of an Individual Transmembrane Helix during Bacteriorhodopsin Folding. Journal of Molecular Biology, 2006, 357, 325-338.	2.0	25
160	Arrestin Binding to Calmodulin: A Direct Interaction Between Two Ubiquitous Signaling Proteins. Journal of Molecular Biology, 2006, 364, 955-963.	2.0	72
161	Synthesis of a New Water Soluble 2,2-Bifunctionalized Spin Label and Its Application to Troponin C. Chemistry Letters, 2006, 35, 834-835.	0.7	9
162	Folding and unfolding for binding: large-scale protein dynamics in protein–protein interactions. Biochemical Society Transactions, 2006, 34, 971-974.	1.6	5
163	On the activity loss of hydrolases in organic solvents: II. a mechanistic study of subtilisin Carlsberg. BMC Biotechnology, 2006, 6, 51.	1.7	13
164	Influence of the disulfide bond configuration on the dynamics of the spin label attached to cytochrome c. Proteins: Structure, Function and Bioinformatics, 2006, 62, 1088-1100.	1.5	23

#	Article	IF	CITATIONS
165	Exploring interaction of β-amyloid segment (25–35) with membrane models through paramagnetic probes. Journal of Peptide Science, 2006, 12, 766-774.	0.8	24
166	Mechanism of the receptor-catalyzed activation of heterotrimeric G proteins. Nature Structural and Molecular Biology, 2006, 13, 772-777.	3.6	171
167	The aqueous reference for ESR oximetry. Journal of Magnetic Resonance, 2006, 178, 329-333.	1.2	7
168	ESR Spectroscopy Investigation of the Denaturation Process of Soybean Peroxidase Induced by Guanidine Hydrochloride, DMSO or Heat. Protein Journal, 2006, 25, 379-390.	0.7	13
169	High-field EPR and site-directed spin labeling reveal a periodical polarity profile: The sequence 88 to 94 of the phototransducer NpHtrII in complex with sensory rhodopsin, NpSRII. Applied Magnetic Resonance, 2006, 30, 359-372.	0.6	16
170	Probing rhodopsin–transducin interaction using Drosophila Rh1–bovine rhodopsin chimeras. Vision Research, 2006, 46, 4575-4581.	0.7	1
171	Details of the Partial Unfolding of T4 Lysozyme on Quartz Using Site-Directed Spin Labeling. Angewandte Chemie - International Edition, 2006, 45, 3874-3877.	7.2	28
172	Solution NMR of membrane proteins: practice and challenges. Magnetic Resonance in Chemistry, 2006, 44, S24-S40.	1.1	210
174	Local Structure Comparison of Proteins. Advances in Computers, 2006, 68, 177-251.	1.2	1
175	Structural and dynamical changes in an Â-subunit of a heterotrimeric G protein along the activation pathway. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16194-16199.	3.3	68
176	The Chemistry of Phospholipid Binding by the Saccharomyces cerevisiae Phosphatidylinositol Transfer Protein Sec14p as Determined by EPR Spectroscopy. Journal of Biological Chemistry, 2006, 281, 34897-34908.	1.6	19
177	Differential interaction of spin-labeled arrestin with inactive and active phosphorhodopsin. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4900-4905.	3.3	173
178	Lipid-induced Extension of Apolipoprotein E Helix 4 Correlates with Low Density Lipoprotein Receptor Binding Ability. Journal of Biological Chemistry, 2006, 281, 39294-39299.	1.6	30
179	Electron Spin Resonance Spectroscopy of Serum Albumin: A Novel New Test for Cancer Diagnosis and Monitoring. Clinical Chemistry, 2006, 52, 2129-2134.	1.5	48
180	Protein structure by mechanical triangulation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1244-1247.	3.3	162
181	Visual Arrestin Binding to Microtubules Involves a Distinct Conformational Change. Journal of Biological Chemistry, 2006, 281, 9765-9772.	1.6	75
182	Deimination of membrane-bound myelin basic protein in multiple sclerosis exposes an immunodominant epitope. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4422-4427.	3.3	123
183	Critical Role for Polar Residues in Coupling Leukotriene B4 Binding to Signal Transduction in BLT1. Journal of Biological Chemistry, 2007, 282, 10005-10017.	1.6	32

#	Article	IF	CITATIONS
184	Investigation of α-Synuclein Fibril Structure by Site-directed Spin Labeling. Journal of Biological Chemistry, 2007, 282, 24970-24979.	1.6	218
185	Substrate-dependent transmembrane signaling in TonB-dependent transporters is not conserved. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11975-11980.	3.3	36
186	Introduction and Future of Site-Directed Spin Labeling of Membrane Proteins. , 2007, , 1-16.		12
187	Modeling Protein Aggregate Assembly and Structure. , 2007, , 279-317.		4
188	Membrane Protein Structure and Dynamics Studied by Site-Directed Spin-Labeling ESR. , 2007, , 129-164.		39
189	Sequence of late molecular events in the activation of rhodopsin. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20290-20295.	3.3	128
190	A facile method for attaching nitroxide spin labels at the 5′ terminus of nucleic acidsâ€. Nucleic Acids Research, 2007, 35, e77.	6.5	32
191	Chapter 12 Principles of G-Protein Coupled Receptor Modeling for Drug Discovery. Annual Reports in Computational Chemistry, 2007, 3, 209-227.	0.9	1
192	Molten globule state of tear lipocalin: ANS binding restores tertiary interactions. Biochemical and Biophysical Research Communications, 2007, 357, 499-504.	1.0	11
193	Conformational dynamics of loops L11 and L12 of kinesin as revealed by spin-labeling EPR. Biochemical and Biophysical Research Communications, 2007, 364, 620-626.	1.0	13
194	The Conformations of the Manganese Transport Regulator of Bacillus subtilis in its Metal-free State. Journal of Molecular Biology, 2007, 365, 1257-1265.	2.0	30
195	Electron Paramagnetic Resonance Study of Structural Changes in the O Photointermediate of Bacteriorhodopsin. Journal of Molecular Biology, 2007, 366, 790-805.	2.0	21
196	Arrestin Mobilizes Signaling Proteins to the Cytoskeleton and Redirects their Activity. Journal of Molecular Biology, 2007, 368, 375-387.	2.0	116
197	Long-range distance determinations in biomacromolecules by EPR spectroscopy. Quarterly Reviews of Biophysics, 2007, 40, 1-53.	2.4	497
198	Distance measurements on spin-labelled biomacromolecules by pulsed electron paramagnetic resonance. Physical Chemistry Chemical Physics, 2007, 9, 1895.	1.3	557
199	ESR Spectroscopy in Membrane Biophysics. , 2007, , .		6
200	Practical Pulsed Dipolar ESR (DEER). , 2007, , 95-128.		27
201	Use of Electron Paramagnetic Resonance Spectroscopy to Evaluate the Redox State <i>In Vivo</i> . Antioxidants and Redox Signaling, 2007, 9, 1757-1772.	2.5	89

ARTICLE IF CITATIONS Evidence from EPR that nitroxide spin labels attached to human hemoglobin alter their conformation 202 0.8 18 upon freezing. Molecular Physics, 2007, 105, 2041-2047. Base-specific spin-labeling of RNA for structure determination. Nucleic Acids Research, 2007, 35, 6.5 146 3128-3143. Set theory formulation of the model-free problem and the diffusion seeded model-free paradigm. 204 2.9 20 Molecular BioSystems, 2007, 3, 483. Combined ESR and Thermodynamic Studies of the Superoxide Adduct of 5-(Diethoxyphosphoryl)-5-Methyl-1-Pyrroline N-Oxide (DEPMPO):  Hindered Rotation around the Oâ^O Bond Evidenced by Two-Dimensional Simulation of Temperature-Dependent Spectra. Journal of Physical Chemistry A. 2007. 111. 4950-4957. An Exchange-Free Measure of <sup>15</sup>N Transverse Relaxation:  An NMR Spectroscopy Application 206 to the Study of a Folding Intermediate with Pervasive Chemical Exchange. Journal of the American 6.6 66 Chemical Sóciety, 2007, 129, 11468-11479. EPR Characterization of Heterogeneously Functionalized Dendrimers. Macromolecules, 2007, 40, 2.2 3030-3033. Ab InitioModeling of CW-ESR Spectra of the Double Spin Labeled Peptide Fmoc-(Aib-Aib-TOAC)2-Aib-OMe 208 1.2 32 in Acetonitrile. Journal of Physical Chemistry B, 2007, 111, 2668-2674. Modeling a Spin-Labeled Fusion Peptide in a Membrane: Implications for the Interpretation of EPR 0.2 Experiments. Biophysical Journal, 2007, 92, 10-22. Local Polarity and Hydrogen Bonding Inside the Sec14p Phospholipid-Binding Cavity: High-Field 210 0.2 53 Multi-Frequency Electron Paramagnetic Resonance Studies. Biophysical Journal, 2007, 92, 3686-3695. Distance Measurements by Fluorescence Energy Homotransfer: Evaluation in T4 Lysozyme and 0.2 Correlation with Dipolar Coupling between Spin Labels. Biophysical Journal, 2007, 92, L27-L29. Computational Prediction of Atomic Structures of Helical Membrane Proteins Aided by EM Maps. 212 0.2 14 Biophysical Journal, 2007, 93, 1950-1959. Nanometer Distance Measurements in RNA Using Site-Directed Spin Labeling. Biophysical Journal, 2007, 93, 2110-2117. The Synthesis Of Epr Differentiable Spinlabels And Their Coupling To Uridine. Nucleosides, Nucleotides 214 0.4 11 and Nucleic Acids, 2007, 26, 655-659. Measuring Distances by Pulsed Dipolar ESR Spectroscopy: Spin‣abeled Histidine Kinases. Methods in Enzymology, 2007, 423, 52-116. 0.4 138 Backbone dynamics determined by electron paramagnetic resonance to optimize solid-phase peptide 216 1.2 13 synthesis of TOAC-labeled phospholamban. Biopolymers, 2007, 88, 29-35. Computation of nitroxide-nitroxide distances in spin-labeled DNA duplexes. Biopolymers, 2007, 87, 217 1.2 30 40-50. A Nucleoside That Contains a Rigid Nitroxide Spin Label: A Fluorophore in Disguise. Angewandte 218 7.2 138 Chemie - International Edition, 2007, 46, 2655-2658. A Nucleoside That Contains a Rigid Nitroxide Spin Label: A Fluorophore in Disguise. Angewandte 219 34 1.6 Chemie, 2007, 119, 2709-2712.

#	Article	IF	CITATIONS
220	Analysis of nitroxide spin label motion in a protein–protein complex using multiple frequency EPR spectroscopy. Journal of Magnetic Resonance, 2007, 185, 191-203.	1.2	21
221	A novel approach to the simulation of nitroxide spin label EPR spectra from a single truncated dynamical trajectory. Journal of Magnetic Resonance, 2007, 188, 196-205.	1.2	35
222	Synthesis of TOAC spin-labeled proteins and reconstitution in lipid membranes. Nature Protocols, 2007, 2, 42-49.	5.5	44
223	Site-specific incorporation of nitroxide spin-labels into 2′-positions of nucleic acids. Nature Protocols, 2007, 2, 1954-1962.	5.5	64
224	Measuring nanometer distances in nucleic acids using a sequence-independent nitroxide probe. Nature Protocols, 2007, 2, 2354-2365.	5.5	97
225	Structure and Analysis of FCHo2 F-BAR Domain: A Dimerizing and Membrane Recruitment Module that Effects Membrane Curvature. Structure, 2007, 15, 839-852.	1.6	261
226	Structural determinants of nitroxide motion in spin-labeled proteins: Tertiary contact and solvent-inaccessible sites in helix G of T4 lysozyme. Protein Science, 2007, 16, 1069-1086.	3.1	101
227	Total chemical synthesis and biophysical characterization of the minimal isoform of the KChIP2 potassium channel regulatory subunit. Protein Science, 2007, 16, 2056-2064.	3.1	10
228	Evaluating Ï∈-Ï€ stacking effects in macrocyclic transition metal complexes using EPR techniques. Research on Chemical Intermediates, 2007, 33, 807-823.	1.3	6
229	Describing the structure and assembly of protein filaments by EPR spectroscopy of spin-labeled side chains. Cell Biochemistry and Biophysics, 2007, 48, 45-53.	0.9	7
230	Spin pair geometry revealed by high-field DEER in the presence of conformational distributions. Journal of Magnetic Resonance, 2007, 185, 118-129.	1.2	133
231	Influence of oligomerization on the dynamics of Gâ€protein coupled receptors as assessed by normal mode analysis. Proteins: Structure, Function and Bioinformatics, 2008, 71, 575-586.	1.5	39
232	Sequenceâ€Based Identification of Specific Drug Target Regions in the Thymidylate Synthase Enzyme Family. ChemMedChem, 2008, 3, 392-401.	1.6	14
233	Rotational dynamics of HIVâ€1 nucleocapsid protein NCp7 as probed by a spin label attached by peptide synthesis. Biopolymers, 2008, 89, 1125-1135.	1.2	14
234	Double Electron–Electron Resonance (DEER): A Convenient Method To Probe DNA Conformational Changes. Angewandte Chemie - International Edition, 2008, 47, 735-737.	7.2	47
235	Enzymatic Synthesis of Multiple Spin‣abeled DNA. Angewandte Chemie - International Edition, 2008, 47, 6782-6785.	7.2	86
238	Reaction fields and solvent dependence of the EPR parameters of nitroxides: The microenvironment of spin labels. Journal of Magnetic Resonance, 2008, 190, 60-67.	1.2	34
239	Polarity dependence of EPR parameters for TOAC and MTSSL spin labels: Correlation with DOXYL spin labels for membrane studies. Journal of Magnetic Resonance, 2008, 190, 211-221.	1.2	25

#	Article	IF	CITATIONS
240	Relaxation-based distance measurements between a nitroxide and a lanthanide spin label. Journal of Magnetic Resonance, 2008, 194, 254-263.	1.2	32
241	Potential artifacts in using a glutathione S-transferase fusion protein system and spin labeling electron paramagnetic resonance methods to study protein–protein interactions. Analytical Biochemistry, 2008, 376, 160-162.	1.1	4
242	Structural determinants of nitroxide motion in spinâ€labeled proteins: Solventâ€exposed sites in helix B of T4 lysozyme. Protein Science, 2008, 17, 228-239.	3.1	111
243	Structural Dynamics of an Isolated Voltage-Sensor Domain in a Lipid Bilayer. Structure, 2008, 16, 398-409.	1.6	88
244	Simulation of Nitroxide Electron Paramagnetic Resonance Spectra from Brownian Trajectories and Molecular Dynamics Simulations. Biophysical Journal, 2008, 94, 3798-3809.	0.2	46
245	Membrane Hydrocarbon Thickness Modulates the Dynamics of a Membrane Transport Protein. Biophysical Journal, 2008, 95, 2849-2858.	0.2	24
246	Structural Refinement of Membrane Proteins by Restrained Molecular Dynamics and Solvent Accessibility Data. Biophysical Journal, 2008, 95, 5349-5361.	0.2	23
247	Methods and Applications of Site-Directed Spin Labeling EPR Spectroscopy. Methods in Cell Biology, 2008, 84, 617-658.	0.5	147
248	The Power of Using Continuous-Wave and Pulsed Electron Paramagnetic Resonance Methods for the Structure Analysis of Ferric Forms and Nitric Oxide-Ligated Ferrous Forms of Globins. Methods in Enzymology, 2008, 437, 287-310.	0.4	9
249	Synthesis and Characterization of Amino Derivatives of Persistent Trityl Radicals as Dual Function pH and Oxygen Paramagnetic Probes. Journal of the American Chemical Society, 2008, 130, 10780-10787.	6.6	58
250	Parametrization, Molecular Dynamics Simulation, and Calculation of Electron Spin Resonance Spectra of a Nitroxide Spin Label on a Polyalanine α-Helix. Journal of Physical Chemistry B, 2008, 112, 5755-5767.	1.2	98
251	Nucleotide-induced conformational changes in the <i>Escherichia coli</i> NADH:ubiquinone oxidoreductase (complex I). Biochemical Society Transactions, 2008, 36, 971-975.	1.6	17
252	Application of spin label electron paramagnetic resonance in the diagnosis and prognosis of cancer and sepsis. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1203-10.	1.4	13
253	Fibrils with parallel in-register structure constitute a major class of amyloid fibrils: molecular insights from electron paramagnetic resonance spectroscopy. Quarterly Reviews of Biophysics, 2008, 41, 265-297.	2.4	159
254	The Mechanism of Temperature-Induced Bacterial HtrA Activation. Journal of Molecular Biology, 2008, 377, 410-420.	2.0	19
255	Phospholipid-induced structural changes to an erythroid β spectrin ankyrin-dependent lipid-binding site. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2612-2620.	1.4	18
256	Target Flexibility: An Emerging Consideration in Drug Discovery and Design. Journal of Medicinal Chemistry, 2008, 51, 6237-6255.	2.9	280
257	Site-directed Spin Labeling Studies on Nucleic Acid Structure and Dynamics. Progress in Molecular Biology and Translational Science, 2008, 82, 147-197.	1.9	78

#	Article	IF	CITATIONS
258	Effect of PIP <sub>2</sub> Binding on the Membrane Docking Geometry of PKCα C2 Domain: An EPR Site-Directed Spin-Labeling and Relaxation Study. Biochemistry, 2008, 47, 8301-8316.	1.2	40
259	Conformational Changes in the Metallo-β-lactamase ImiS During the Catalytic Reaction: An EPR Spectrokinetic Study of Co(II)-Spin Label Interactions. Journal of the American Chemical Society, 2008, 130, 8215-8222.	6.6	17
260	Impact of Electronâ^'Electron Spin Interaction on Electron Spin Relaxation of Nitroxide Diradicals and Tetraradical in Glassy Solvents Between 10 and 300 K. Journal of Physical Chemistry B, 2008, 112, 2818-2828.	1.2	75
261	Conformation and Membrane Position of the Region Linking the Two C2 Domains in Synaptotagmin 1 by Site-Directed Spin Labeling. Biochemistry, 2008, 47, 12380-12388.	1.2	22
262	Functionally Important ATP Binding and Hydrolysis Sites in Escherichia coli MsbA. Biochemistry, 2008, 47, 13878-13886.	1.2	28
263	EPR Approaches to Ion Channel Structure and Function. Novartis Foundation Symposium, 2008, 245, 146-164.	1.2	24
264	Rigid spin-labeled nucleoside Ç: a nonperturbing EPR probe of nucleic acid conformation. Nucleic Acids Research, 2008, 36, 5946-5954.	6.5	80
265	Dynamics and Local Ordering of Spin-Labeled Prion Protein: An ESR Simulation Study of a Highly PH-Sensitive Site. Journal of Biomolecular Structure and Dynamics, 2008, 26, 355-365.	2.0	18
266	Simulating electron spin resonance spectra of nitroxide spin labels from molecular dynamics and stochastic trajectories. Journal of Chemical Physics, 2008, 128, 165106.	1.2	55
267	Structure of membrane-bound α-synuclein from site-directed spin labeling and computational refinement. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19666-19671.	3.3	443
268	Conformational Changes in the Parathyroid Hormone Receptor Associated with Activation by Agonist. Molecular Endocrinology, 2008, 22, 1154-1162.	3.7	21
269	A kilowatt pulsed 94 GHz electron paramagnetic resonance spectrometer with high concentration sensitivity, high instantaneous bandwidth, and low dead time. Review of Scientific Instruments, 2009, 80, 103102.	0.6	136
270	Site-directed spin labeling of a genetically encoded unnatural amino acid. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21637-21642.	3.3	230
271	Probing the Structure–Function Relationship of Heme Proteins Using Multifrequency Pulse EPR Techniques. Biological Magnetic Resonance, 2009, , 397-417.	0.4	4
272	NMR and EPR studies of membrane transporters. Biological Chemistry, 2009, 390, 815-34.	1.2	27
273	A scissors mechanism for stimulation of SNARE-mediated lipid mixing by cholesterol. Proceedings of the United States of America, 2009, 106, 5141-5146.	3.3	107
274	Structural snapshots of conformational changes in a seven-helix membrane protein: lessons from bacteriorhodopsin. Current Opinion in Structural Biology, 2009, 19, 433-439.	2.6	64
275	A comparative study of the COXâ€1 and COXâ€2 isozymes bound to lipid membranes. Journal of Computational Chemistry, 2009, 30, 1038-1050.	1.5	9

#	Article	IF	CITATIONS
276	Disulfide Bond as a Structural Determinant of Prion Protein Membrane Insertion. Molecules and Cells, 2009, 27, 673-680.	1.0	12
277	Breaking biological symmetry in membrane proteins: The asymmetrical orientation of PsaC on the pseudo-C2 symmetric Photosystem I core. Cellular and Molecular Life Sciences, 2009, 66, 1257-1270.	2.4	15
278	Probing the conformation of the resting state of a bacterial multidrug ABC transporter, BmrA, by a siteâ€directed spin labeling approach. Protein Science, 2009, 18, 1507-1520.	3.1	13
279	Structural origin of weakly ordered nitroxide motion in spinâ€labeled proteins. Protein Science, 2009, 18, 893-908.	3.1	103
280	Ser170 of Bacillus thuringiensis Cry1Ab δ-endotoxin becomes anchored in a hydrophobic moiety upon insertion of this protein into Manduca sexta brush border membranes. BMC Biochemistry, 2009, 10, 25.	4.4	8
281	Analysis of side chain rotational restrictions of membrane-embedded proteins by spin-label ESR spectroscopy. Journal of Magnetic Resonance, 2009, 197, 245-248.	1.2	4
282	A New Function of GAPDH from Chlamydomonas reinhardtii: A Thiolâ^'Disulfide Exchange Reaction with CP12. Biochemistry, 2009, 48, 6034-6040.	1.2	23
283	Sequential Proteolysis and High-Field FTICR MS To Determine Disulfide Connectivity and 4-Maleimide TEMPO Spin-Label Location in L126C GM2 Activator Protein. Analytical Chemistry, 2009, 81, 7611-7617.	3.2	9
284	Dynamic Conformational Responses of a Human Cannabinoid Receptor-1 Helix Domain to Its Membrane Environment. Biochemistry, 2009, 48, 4895-4904.	1.2	13
285	Generation of a Calmodulin-Based EPR Calcium Indicator. Biochemistry, 2009, 48, 639-644.	1.2	1
286	Structural Rearrangements of Membrane Proteins Probed by Water-Edited Solid-State NMR Spectroscopy. Journal of the American Chemical Society, 2009, 131, 170-176.	6.6	103
287	Pulsed Electronâ^'Electron Double-Resonance Determination of Spin-Label Distances and Orientations on the Tetrameric Potassium Ion Channel KcsA. Journal of the American Chemical Society, 2009, 131, 15246-15250.	6.6	92
288	Solute Effects on Spin Labels at an Aqueous-Exposed Site in the Flap Region of HIV-1 Protease. Journal of Physical Chemistry B, 2009, 113, 1673-1680.	1.2	27
289	Conformational Cycle of the ABC Transporter MsbA in Liposomes: Detailed Analysis Using Double Electron–Electron Resonance Spectroscopy. Journal of Molecular Biology, 2009, 393, 586-597.	2.0	132
290	Backbone Structure of Transmembrane Domain IX of the Na+/Proline Transporter PutP of Escherichia coli. Biophysical Journal, 2009, 96, 217-225.	0.2	38
291	Pulsed EPR Determination of Water Accessibility to Spin-Labeled Amino Acid Residues in LHCIIb. Biophysical Journal, 2009, 96, 1124-1141.	0.2	74
292	Accommodating Discontinuities in Dimeric Left-Handed Coiled Coils in ATP Synthase External Stalks. Biophysical Journal, 2009, 96, 2823-2831.	0.2	2
293	A Combined Pulse EPR and Monte Carlo Simulation Study Provides Molecular Insight on Peptideâ~'Membrane Interactions. Journal of Physical Chemistry B, 2009, 113, 12687-12695.	1.2	38

#	Article	IF	CITATIONS
294	Constraints on the conformation of the cytoplasmic face of dark-adapted and light-excited rhodopsin inferred from antirhodopsin antibody imprints. Protein Science, 2009, 12, 2453-2475.	3.1	13
296	Site-Directed Spectroscopic Probes of Actomyosin Structural Dynamics. Annual Review of Biophysics, 2009, 38, 347-369.	4.5	46
297	High Resolution EPR. Biological Magnetic Resonance, 2009, 28, 233-268.	0.4	10
298	Structural and Dynamic Study of the Tetramerization Region of Non-Erythroid α-Spectrin: A Frayed Helix Revealed by Site-Directed Spin Labeling Electron Paramagnetic Resonance. Biochemistry, 2009, 48, 206-215.	1.2	22
299	Time-resolved spectroscopy of dye-labeled photoactive yellow protein suggests a pathway of light-induced structural changes in the N-terminal cap. Physical Chemistry Chemical Physics, 2009, 11, 5437.	1.3	8
300	Design of liposome-based pH sensitive nanoSPIN probes: nano-sized particles with incorporated nitroxides. Analyst, The, 2009, 134, 904.	1.7	26
301	Electron Paramagnetic Resonance Spectra Simulation Directly from Molecular Dynamics Trajectories of a Liquid Crystal with a Doped Paramagnetic Spin Probe. Physical Review Letters, 2009, 102, 013005.	2.9	20
302	Mapping Global Folds of Oligonucleotides by Pulsed Electron–Electron Double Resonance. Methods in Enzymology, 2009, 469, 329-351.	0.4	25
303	Normal Mode Analysis of Biomolecular Structures: Functional Mechanisms of Membrane Proteins. Chemical Reviews, 2010, 110, 1463-1497.	23.0	461
304	Structural Origins of Nitroxide Side Chain Dynamics on Membrane Protein α-Helical Sites,. Biochemistry, 2010, 49, 10045-10060.	1.2	74
305	Nitroxide spin labels as EPR reporters of the relaxation and magnetic properties of the heme–copper site in cytochrome bo 3, E. coli. Journal of Biological Inorganic Chemistry, 2010, 15, 1255-1264.	1.1	6
306	EPR and Quantum Chemical Studies of the pH-sensitive Imidazoline and Imidazolidine Nitroxides with Bulky Substituents. Applied Magnetic Resonance, 2010, 39, 437-451.	0.6	25
307	Practical Aspects of Copper Ion-Based Double Electron Electron Resonance Distance Measurements. Applied Magnetic Resonance, 2010, 39, 487-500.	0.6	33
308	Synthesis of bioorthogonal and crosslinking amino acids for use in peptide synthesis. Amino Acids, 2010, 39, 1381-1384.	1.2	1
309	Structural characteristics of the hydrophobic patch of azurin and its interaction with p53: a site-directed spin labeling study. Science China Life Sciences, 2010, 53, 1181-1188.	2.3	4
310	Probing the effect of transport inhibitors on the conformation of the mitochondrial citrate transport protein via a site-directed spin labeling approach. Journal of Bioenergetics and Biomembranes, 2010, 42, 99-109.	1.0	1
314	Noncovalent and Siteâ€Directed Spin Labeling of Nucleic Acids. Angewandte Chemie - International Edition, 2010, 49, 7984-7986.	7.2	44
315	Distance measurements in model bis-Gd(III) complexes with flexible "bridge― Emulation of biological molecules having flexible structure with Gd(III) labels attached. Journal of Magnetic Resonance, 2010, 205, 38-49.	1.2	72

#	Article	IF	CITATIONS
316	Osmolytes modulate conformational exchange in solventâ€exposed regions of membrane proteins. Protein Science, 2010, 19, 269-278.	3.1	33
317	Three- and Four-repeat Tau Coassemble into Heterogeneous Filaments. Journal of Biological Chemistry, 2010, 285, 37920-37926.	1.6	56
318	The activated state of a sodium channel voltage sensor in a membrane environment. Proceedings of the United States of America, 2010, 107, 5435-5440.	3.3	46
319	Deconstructing thermodynamic parameters of a coupled system from site-specific observables. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18856-18861.	3.3	21
320	Conformational Changes in BAK, a Pore-forming Proapoptotic Bcl-2 Family Member, upon Membrane Insertion and Direct Evidence for the Existence of BH3-BH3 Contact Interface in BAK Homo-oligomers. Journal of Biological Chemistry, 2010, 285, 28924-28937.	1.6	79
321	Interaction between Human Prion Protein and Amyloid-β (Aβ) Oligomers. Journal of Biological Chemistry, 2010, 285, 26377-26383.	1.6	244
322	Subunit Organization in the TatA Complex of the Twin Arginine Protein Translocase. Journal of Biological Chemistry, 2010, 285, 2294-2301.	1.6	23
323	Electron Spin-Echo Envelope Modulation (ESEEM) Reveals Water and Phosphate Interactions with the KcsA Potassium Channel <sup>,</sup> . Biochemistry, 2010, 49, 1486-1494.	1.2	35
324	Structure of the Ternary Complex Formed by a Chemotaxis Receptor Signaling Domain, the CheA Histidine Kinase, and the Coupling Protein CheW As Determined by Pulsed Dipolar ESR Spectroscopy. Biochemistry, 2010, 49, 3824-3841.	1.2	73
325	Electron Paramagnetic Resonance Studies of Functionally Active, Nitroxide Spin-Labeled Peptide Analogues of the C-Terminus of a G-Protein α Subunit. Biochemistry, 2010, 49, 6877-6886.	1.2	27
326	An Approach towards the Measurement of Nanometer Range Distances Based on Cu <sup>2+</sup> lons and ESR. Journal of Physical Chemistry B, 2010, 114, 6165-6174.	1.2	79
327	Optimization of Transversal Relaxation of Nitroxides for Pulsed Electronâ^'Electron Double Resonance Spectroscopy in Phospholipid Membranes. Journal of Physical Chemistry B, 2010, 114, 13507-13516.	1.2	52
328	Dynamic Active-Site Protection by the <i>M. tuberculosis</i> Protein Tyrosine Phosphatase PtpB Lid Domain. Journal of the American Chemical Society, 2010, 132, 4772-4780.	6.6	33
329	The Assembly of a Multisubunit Photosynthetic Membrane Protein Complex: A Site-Specific Spin Labeling EPR Spectroscopic Study of the PsaC Subunit in Photosystem I. Biochemistry, 2010, 49, 2398-2408.	1.2	9
330	Multifrequency Electron Spin Resonance Study of the Dynamics of Spin Labeled T4 Lysozyme. Journal of Physical Chemistry B, 2010, 114, 5503-5521.	1.2	129
331	A novel copper(II) coordination at His186 in full-length murine prion protein. Biochemical and Biophysical Research Communications, 2010, 394, 522-528.	1.0	7
332	Candidate anti-Aβ fluorene compounds selected from analogs of amyloid imaging agents. Neurobiology of Aging, 2010, 31, 1690-1699.	1.5	21
333	Gaining ground: assays for therapeutics against botulinum neurotoxin. Trends in Microbiology, 2010, 18, 164-172.	3.5	30

#	Article	IF	CITATIONS
334	Multiscale simulation of protein mediated membrane remodeling. Seminars in Cell and Developmental Biology, 2010, 21, 357-362.	2.3	39
335	The Cholesterol-Dependent Cytolysin Family of Gram-Positive Bacterial Toxins. Sub-Cellular Biochemistry, 2010, 51, 551-577.	1.0	89
336	Structure and Spectromagnetic Properties of the Superoxide Radical Adduct of DMPO in Water: Elucidation by Theoretical Investigations. Journal of Physical Chemistry B, 2010, 114, 11793-11803.	1.2	17
337	Tackling the challenges posed by target flexibility in drug design. Expert Opinion on Drug Discovery, 2010, 5, 347-359.	2.5	38
338	Prediction of nitroxide spin labelEPR spectra from MD trajectories: application to myoglobin. Faraday Discussions, 2011, 148, 283-298.	1.6	15
339	Electron spin labeling reveals the highly dynamic N-terminal arms of the SOS mutagenesis protein UmuD. Molecular BioSystems, 2011, 7, 3183.	2.9	7
340	Simulating electron spin resonance spectra of macromolecules labeled with two dipolar-coupled nitroxide spin labels from trajectories. Physical Chemistry Chemical Physics, 2011, 13, 12785.	1.3	4
341	A general approach for prediction of motional EPR spectra from Molecular Dynamics (MD) simulations: application to spin labelled protein. Physical Chemistry Chemical Physics, 2011, 13, 4724.	1.3	43
342	The Short-Lived Signaling State of the Photoactive Yellow Protein Photoreceptor Revealed by Combined Structural Probes. Journal of the American Chemical Society, 2011, 133, 9395-9404.	6.6	83
343	The Amyloid Precursor Protein C-Terminal Fragment C100 Occurs in Monomeric and Dimeric Stable Conformations and Binds Î <sup>3</sup> -Secretase Modulators. Biochemistry, 2011, 50, 828-835.	1.2	23
344	Lipid and Membrane Mimetic Environments Modulate Spin Label Side Chain Configuration in the Outer Membrane Protein A. Journal of Physical Chemistry B, 2011, 115, 14822-14830.	1.2	6
345	Characterization of the E506Q and H537A Dysfunctional Mutants in the <i>E. coli</i> ABC Transporter MsbA. Biochemistry, 2011, 50, 3599-3608.	1.2	24
346	<i>In Silico</i> Interpretation of cw-ESR at 9 and 95 GHz of Mono- and bis- TOAC-Labeled Aib-Homopeptides in Fluid and Frozen Acetonitrile. Journal of Physical Chemistry B, 2011, 115, 13026-13036.	1.2	5
347	Molecular Origin of Electron Paramagnetic Resonance Line Shapes on Î <sup>2</sup> -Barrel Membrane Proteins: The Local Solvation Environment Modulates Spin-Label Configuration. Biochemistry, 2011, 50, 8792-8803.	1.2	33
348	Probing the hydration water diffusion of macromolecular surfaces and interfaces. New Journal of Physics, 2011, 13, 015006.	1.2	50
349	Membrane Thickness Varies Around the Circumference of the Transmembrane Protein BtuB. Biophysical Journal, 2011, 100, 1280-1287.	0.2	16
350	Induced Conformational Changes in the Activation of the Pseudomonas aeruginosa type III Toxin, ExoU. Biophysical Journal, 2011, 100, 1335-1343.	0.2	18
351	Structural Changes in Bacteriorhodopsin during InÂVitro Refolding from a Partially Denatured State. Biophysical Journal, 2011, 100, 1559-1567.	0.2	14

#	Article	IF	CITATIONS
352	Interaction Sites of Tropomyosin in Muscle Thin Filament as Identified by Site-Directed Spin-Labeling. Biophysical Journal, 2011, 100, 2432-2439.	0.2	11
353	Catalytic Contributions from Remote Regions of Enzyme Structure. Chemical Reviews, 2011, 111, 7595-7624.	23.0	81
354	Effect of Ionic Liquids on the Solution Structure of Human Serum Albumin. Biomacromolecules, 2011, 12, 1072-1079.	2.6	94
355	EPR Spectroscopy in Polymer Science. Topics in Current Chemistry, 2011, 321, 67-89.	4.0	31
356	High-Field Dipolar Electron Paramagnetic Resonance (EPR) Spectroscopy of Nitroxide Biradicals for Determining Three-Dimensional Structures of Biomacromolecules in Disordered Solids. Journal of Physical Chemistry B, 2011, 115, 11950-11963.	1.2	35
357	Conformational Analysis of a Nitroxide Side Chain in an α-Helix with Density Functional Theory. Journal of Physical Chemistry B, 2011, 115, 397-405.	1.2	36
358	Interpretation of Dipolar EPR Data in Terms of Protein Structure. Structure and Bonding, 2011, , 83-120.	1.0	22
359	Solvent-Induced Protein Refolding at Low Temperatures. Journal of Physical Chemistry B, 2011, 115, 15422-15429.	1.2	26
360	Synaptotagmin 1 and SNAREs Form a Complex That Is Structurally Heterogeneous. Journal of Molecular Biology, 2011, 405, 696-706.	2.0	34
362	Studying biomolecular complexes with pulsed electron–electron double resonance spectroscopy. Biochemical Society Transactions, 2011, 39, 128-139.	1.6	43
363	Site directed spin labeling studies of Escherichia coli dihydroorotate dehydrogenase N-terminal extension. Biochemical and Biophysical Research Communications, 2011, 414, 487-492.	1.0	21
364	The art of signal enhancement. Nature Physics, 2011, 7, 522-523.	6.5	34
365	Conformational changes underlying calcium/calmodulin-dependent protein kinase II activation. EMBO Journal, 2011, 30, 1251-1262.	3.5	44
366	Toward the Fourth Dimension of Membrane Protein Structure: Insight into Dynamics from Spin-Labeling EPR Spectroscopy. Structure, 2011, 19, 1549-1561.	1.6	215
367	Addendum to the paper "Dead-time free measurement of dipole–dipole interactions between electron spins―by M. Pannier, S. Veit, A. Godt, G. Jeschke, and H.W. Spiess [J. Magn. Reson. 142 (2000) 331–340]. Journal of Magnetic Resonance, 2011, 213, 326-328.	1.2	4
368	Multiple aspects of the interaction of biomacromolecules with inorganic surfaces. Advanced Drug Delivery Reviews, 2011, 63, 1186-1209.	6.6	148
369	A rigid disulfide-linked nitroxide side chain simplifies the quantitative analysis of PRE data. Journal of Biomolecular NMR, 2011, 51, 105-114.	1.6	56
370	Probing structural transitions in both structured and disordered proteins using siteâ€directed spinâ€labeling EPR spectroscopy. Journal of Peptide Science, 2011, 17, 315-328.	0.8	36

#	Article	IF	CITATIONS
371	Siteâ€directed spin labeling electron paramagnetic resonance study of the ORF1 protein from a mouse L1 retrotransposon. Protein Science, 2011, 20, 1231-1243.	3.1	3
372	Direct evidence that the carboxylâ€ŧerminal sequence of a bacterial chemoreceptor is an unstructured linker and enzyme tether. Protein Science, 2011, 20, 1856-1866.	3.1	22
374	Tyrosineâ€Targeted Spin Labeling and EPR Spectroscopy: An Alternative Strategy for Studying Structural Transitions in Proteins. Angewandte Chemie - International Edition, 2011, 50, 9108-9111.	7.2	44
375	Longâ€Range Distance Determination in a DNA Model System inside <i>Xenopus laevis</i> Oocytes by Inâ€Cell Spinâ€Label EPR. ChemBioChem, 2011, 12, 1992-1995.	1.3	57
376	Pulsed dipolar spectroscopy distance measurements in biomacromolecules labeled with Gd(III) markers. Journal of Magnetic Resonance, 2011, 210, 59-68.	1.2	75
377	DEER in biological multispin-systems: A case study on the fatty acid binding to human serum albumin. Journal of Magnetic Resonance, 2011, 210, 210-217.	1.2	49
378	Determination of the 14N quadrupole coupling constant of nitroxide spin probes by W-band ELDOR-detected NMR. Journal of Magnetic Resonance, 2011, 210, 192-199.	1.2	39
379	EPR in Protein Science. Topics in Current Chemistry, 2011, 321, 91-119.	4.0	49
380	Crystal structure of a DNA containing the planar, phenoxazine-derived bi-functional spectroscopic probe Ç. Nucleic Acids Research, 2011, 39, 4419-4426.	6.5	30
381	Structure and dynamics of a conformationally constrained nitroxide side chain and applications in EPR spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16241-16246.	3.3	152
382	High-pressure EPR reveals conformational equilibria and volumetric properties of spin-labeled proteins. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1331-1336.	3.3	88
383	Ligand-induced conformational capture of a synthetic tetracycline riboswitch revealed by pulse EPR. Rna, 2011, 17, 182-188.	1.6	49
384	Interactions of anthrax lethal factor with protective antigen defined by site-directed spin labeling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1868-1873.	3.3	19
385	Structural Modeling and Electron Paramagnetic Resonance Spectroscopy of the Human Na+/H+ Exchanger Isoform 1, NHE1. Journal of Biological Chemistry, 2011, 286, 634-648.	1.6	42
387	Elastic network normal modes provide a basis for protein structure refinement. Journal of Chemical Physics, 2012, 136, 195101.	1.2	17
388	Structural Features and Domain Organization of Huntingtin Fibrils. Journal of Biological Chemistry, 2012, 287, 31739-31746.	1.6	85
389	Structure and Dynamic Properties of Membrane Proteins using NMR. , 2012, 2, 1491-1539.		5
390	Synthesis and Characterization of RNA Containing a Rigid and Nonperturbing Cytidine-Derived Spin Label. Journal of Organic Chemistry, 2012, 77, 7749-7754.	1.7	61

#	Article	IF	CITATIONS
391	Conformational Transitions Underlying Pore Opening and Desensitization in Membrane-embedded Gloeobacter violaceus Ligand-gated Ion Channel (GLIC). Journal of Biological Chemistry, 2012, 287, 36864-36872.	1.6	43
392	Analytical Approaches for Studying Transporters, Channels and Porins. Chemical Reviews, 2012, 112, 6227-6249.	23.0	42
393	Chapter 2. The Experimental 3D Structure of Nuclear Receptors. A Starting Point for Computational Investigations?. RSC Drug Discovery Series, 2012, , 000-23.	0.2	0
394	Taking the Pulse of Protein Interactions by EPR Spectroscopy. Biophysical Journal, 2012, 103, 2047-2048.	0.2	2
395	Probing Protein Secondary Structure Using EPR: Investigating a Dynamic Region of Visual Arrestin. Applied Magnetic Resonance, 2012, 43, 405-419.	0.6	5
396	Characterization of Protein Conformational Changes with Sparse Spin-Label Distance Constraints. Journal of Chemical Theory and Computation, 2012, 8, 3854-3863.	2.3	30
397	SRLS Analysis of <sup>15</sup> N Relaxation from Bacteriophage T4 Lysozyme: a Tensorial Perspective That Features Domain Motion. Journal of Physical Chemistry B, 2012, 116, 6118-6127.	1.2	7
398	Encapsulation Influence on EPR Parameters of Spin-Labels: 2,2,6,6-Tetramethyl-4-methoxypiperidine-1-oxyl in Cucurbit[8]uril. Journal of Chemical Theory and Computation, 2012, 8, 257-263.	2.3	19
399	Nitroxide Sensing of a DNA Microenvironment: Mechanistic Insights from EPR Spectroscopy and Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2012, 116, 6387-6396.	1.2	7
400	High-Resolution Structure of a Protein Spin-Label in a Solvent-Exposed Î <sup>2</sup> -Sheet and Comparison with DEER Spectroscopy. Biochemistry, 2012, 51, 6350-6359.	1.2	30
401	Cross-β-Sheet Supersecondary Structure in Amyloid Folds: Techniques for Detection and Characterization. Methods in Molecular Biology, 2012, 932, 237-257.	0.4	20
402	DEER Distance Measurements on Proteins. Annual Review of Physical Chemistry, 2012, 63, 419-446.	4.8	869
403	Using EPR To Compare PEG- <i>branch</i> -nitroxide "Bivalent-Brush Polymers―and Traditional PEG Bottle–Brush Polymers: Branching Makes a Difference. Macromolecules, 2012, 45, 8310-8318.	2.2	46
404	Inter-spin distance determination using L-band (1–2 GHz) non-adiabatic rapid sweep electron paramagnetic resonance (NARS EPR). Journal of Magnetic Resonance, 2012, 221, 51-56.	1.2	18
405	Conformational changes of the betaine transporter BetP from Corynebacterium glutamicum studied by pulse EPR spectroscopy. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 359-366.	1.4	12
406	Protein aggregation: Mechanisms and functional consequences. International Journal of Biochemistry and Cell Biology, 2012, 44, 1541-1554.	1.2	139
407	NMR Spin–Spin Coupling Constants in Polymethine Dyes as Polarity Indicators. Chemistry - A European Journal, 2012, 18, 11677-11684.	1.7	14
408	A Way to Probe the Microenvironment of Free Sulfhydryls in Intact Proteins with a Series of Monofunctional Organic Mercurials. Chemistry - A European Journal, 2012, 18, 13989-13993.	1.7	6

ARTICLE IF CITATIONS 4.12 Spectroscopic Probes of Muscle Proteins., 2012, , 226-250. 409 6 3.9 Intrinsically Disordered Proteins., 2012, , 170-211. 3.13 The Membrane Factor: Biophysical Studies of Alpha Helical Transmembrane Protein Folding., 2012,, 411 1 290-316. Attachment of Nitroxide Spin Labels to Nucleic Acids for EPR. Current Protocols in Nucleic Acid 0.5 Chemistry, 2012, 49, Unit7.17. Lateral self-assembly of 18.5-kDa myelin basic protein (MBP) charge component-C1 on membranes. 413 22 1.4 Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2636-2647. Membrane Binding and Self-Association of the Epsin N-Terminal Homology Domain. Journal of Molecular Biology, 2012, 423, 800-817. Liquid state DNP for water accessibility measurements on spin-labeled membrane proteins at 415 1.2 38 physiological temperatures. Journal of Magnetic Resonance, 2012, 222, 34-43. Distance measurements across randomly distributed nitroxide probes from the temperature dependence of the electron spin phase memory time at 240GHz. Journal of Magnetic Resonance, 2012, 1.2 223, 198-206. Monitoring Structural Transitions in IDPs by Site-Directed Spin Labeling EPR Spectroscopy. Methods in 417 0.4 13 Molecular Biology, 2012, 895, 361-386. Mobility Study of Individual Residue Sites in the Carbohydrate Recognition Domain of LSECtin Using 1.4 SDSL–EPR Technique. Applied Biochemistry and Biotechnology, 2012, 167, 2295-2304. Heme Binding Constricts the Conformational Dynamics of the Cytochrome b559â€<sup>2</sup> Heme Binding Cavity. 419 1.2 6 Biochemistry, 2012, 51, 7149-7156. EPR Spectroscopy. Topics in Current Chemistry, 2012, , . 4.0 421 1.20 Electron Magnetic Resonance., 2012, , 425-493. 0 Global Structure of a Three-Way Junction in a Phi29 Packaging RNA Dimer Determined Using Site-Directed Spin Labeling. Journal of the American Chemical Society, 2012, 134, 2644-2652. 6.6 424 In vivo Spectroscopy and Imaging of Nitroxide Probes., 2012,,. 4 Low Operational Stability of Enzymes in Dry Organic Solvents: Changes in the Active Site Might Affect Catalysis. Molecules, 2012, 17, 1870-1882. History of the Use of Nitroxides (Aminoxyl Radicals) in Biochemistry: Past, Present and Future of Spin 426 1 Label and Probe Method., 0,,. RNA dynamics: perspectives from spin labels. Wiley Interdisciplinary Reviews RNA, 2012, 3, 62-72. 3.2

#	Article	IF	Citations
428	Sequence, Structure, and Dynamic Determinants of Hsp27 (HspB1) Equilibrium Dissociation Are Encoded by the N-Terminal Domain. Biochemistry, 2012, 51, 1257-1268.	1.2	95
429	Structural insights into human GPCR protein OA1: a computational perspective. Journal of Molecular Modeling, 2012, 18, 2117-2133.	0.8	10
430	Protein Engineering of Bacillus thuringiensis δ-Endotoxins. , 2012, , 93-113.		0
431	Desensitization Mechanism in Prokaryotic Ligand-gated Ion Channel. Journal of Biological Chemistry, 2012, 287, 18467-18477.	1.6	55
432	Hunting the Chameleon: Structural Conformations of the Intrinsically Disordered Protein Alpha ynuclein. ChemBioChem, 2012, 13, 761-768.	1.3	44
433	Effect of freezing conditions on distances and their distributions derived from Double Electron Electron Resonance (DEER): A study of doubly-spin-labeled T4 lysozyme. Journal of Magnetic Resonance, 2012, 216, 69-77.	1.2	93
434	Dynamic nuclear polarization at high magnetic fields in liquids. Progress in Nuclear Magnetic Resonance Spectroscopy, 2012, 64, 4-28.	3.9	162
435	In vitro modification of substituted cysteines as tool to study receptor functionality and structure–activity relationships. Analytical Biochemistry, 2013, 439, 173-183.	1.1	3
436	Extending the distance range accessed with continuous wave EPR with Gd3+ spin probes at high magnetic fields. Physical Chemistry Chemical Physics, 2013, 15, 11313.	1.3	35
437	Structural Insights into Aβ42 Oligomers Using Site-directed Spin Labeling. Journal of Biological Chemistry, 2013, 288, 18673-18683.	1.6	70
438	Quantification of free cysteines in membrane and soluble proteins using a fluorescent dye and thermal unfolding. Nature Protocols, 2013, 8, 2090-2097.	5.5	24
439	Using bound fatty acids to disclose the functional structure of serum albumin. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 5382-5393.	1.1	46
440	Conformational dynamics and distribution of nitroxide spin labels. Progress in Nuclear Magnetic Resonance Spectroscopy, 2013, 72, 42-60.	3.9	131
441	Nanostructured biomaterials/biofluids interface processes: Titanium effect on methaemoglobin adsorption on titanosilicate microspheres. Journal of Molecular Structure, 2013, 1044, 2-9.	1.8	11
443	Calcium-Dependent Interaction Sites of Tropomyosin on Reconstituted Muscle Thin Filaments with Bound Myosin Heads as Studied by Site-Directed Spin-Labeling. Biophysical Journal, 2013, 105, 2366-2373.	0.2	6
444	Circular dichroism and site-directed spin labeling reveal structural and dynamical features of high-pressure states of myoglobin. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4714-22.	3.3	44
445	Hydrogen bonding to the nitroxide of protein bound spin labels. Molecular Physics, 2013, 111, 2873-2881.	0.8	23
446	Molecular dynamics simulation of dipalmitoylphosphatidylcholine modified with a MTSL nitroxide spin label in a lipid membrane. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 2770-2777.	1.4	8

#	Article	IF	Citations
447	Site-directed spin labeling EPR spectroscopy in protein research. Biological Chemistry, 2013, 394, 1281-1300.	1.2	78
448	Dynamics of the intrinsically disordered protein CP12 in its association with GAPDH in the green alga Chlamydomonas reinhardtii: a fuzzy complex. Molecular BioSystems, 2013, 9, 2869.	2.9	26
449	Chemical crosslinking and LC/MS analysis to determine protein domain orientation: Application to AbrB. Biochemical and Biophysical Research Communications, 2013, 431, 253-257.	1.0	11
450	High-field EPR on membrane proteins – Crossing the gap to NMR. Progress in Nuclear Magnetic Resonance Spectroscopy, 2013, 75, 1-49.	3.9	22
451	Orthogonal Spin Labeling and Gd(III)–Nitroxide Distance Measurements on Bacteriophage T4-Lysozyme. Journal of Physical Chemistry B, 2013, 117, 3145-3153.	1.2	93
452	Structural Insight into Proteorhodopsin Oligomers. Biophysical Journal, 2013, 104, 472-481.	0.2	51
453	Structural Factors Controlling the Spin–Spin Exchange Coupling: EPR Spectroscopic Studies of Highly Asymmetric Trityl–Nitroxide Biradicals. Journal of the American Chemical Society, 2013, 135, 2350-2356.	6.6	46
454	Pulse Dipolar Electron Spin Resonance: Distance Measurements. Structure and Bonding, 2013, , 1-82.	1.0	31
455	Structure and dynamics of an imidazoline nitroxide side chain with strongly hindered internal motion in proteins. Journal of Magnetic Resonance, 2013, 232, 53-61.	1.2	43
456	Structure and Dynamics of Spin-Labeled Insulin Entrapped in a Silica Matrix by the Sol–Gel Method. Biomacromolecules, 2013, 14, 2582-2592.	2.6	12
457	Distance Measurements on Orthogonally Spin-Labeled Membrane Spanning WALP23 Polypeptides. Journal of Physical Chemistry B, 2013, 117, 2061-2068.	1.2	58
458	Ï€-Stacking effects on the EPR parameters of a prototypical DNA spin label. Physical Chemistry Chemical Physics, 2013, 15, 10466.	1.3	2
459	Structural characterization of quadruplex DNA with in-cell EPR approaches. Bioorganic and Medicinal Chemistry, 2013, 21, 6156-6161.	1.4	15
460	Modeling helical proteins using residual dipolar couplings, sparse long-range distance constraints and a simple residue-based force field. Theoretical Chemistry Accounts, 2013, 132, 1388.	0.5	3
461	Site-Directed Spin Labeling Reveals Pentameric Ligand-Gated Ion Channel Gating Motions. PLoS Biology, 2013, 11, e1001714.	2.6	44
462	EPR Relaxationâ€Enhancementâ€Based Distance Measurements on Orthogonally Spinâ€Labeled T4â€Lysozyme. ChemBioChem, 2013, 14, 1883-1890.	1.3	18
463	Simulation of electron paramagnetic resonance spectra of spin-labeled molecules from replica-exchange molecular dynamics. Physical Review E, 2013, 88, 042701.	0.8	4
464	Structure Formation of Polymeric Building Blocks: Complex Polymer Architectures. Advances in Polymer Science, 2013, , 115-210.	0.4	6

# 465	ARTICLE Distance determination from dysprosium induced relaxation enhancement: a case study on membrane-inserted WALP23 polypeptides. Molecular Physics, 2013, 111, 2824-2833.	IF 0.8	Citations 5
466	Probing Macromolecular and Supramolecular Structure, Dynamics, and Function by Magnetic Resonance. Advances in Polymer Science, 2013, , 295-320.	0.4	2
467	Hydration dynamics as an intrinsic ruler for refining protein structure at lipid membrane interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16838-16843.		71
468	Inâ€5itu Spin Labeling of Hisâ€Tagged Proteins: Distance Measurements under Inâ€Cell Conditions. Chemistry - A European Journal, 2013, 19, 13714-13719.	1.7	13
469	Measuring EGFR Separations on Cells with â^1⁄410 nm Resolution via Fluorophore Localization Imaging with Photobleaching. PLoS ONE, 2013, 8, e62331.	1.1	44
470	Site-Directed Spin-Labeling Strategies and Electron Paramagnetic Resonance Spectroscopy for Large Riboswitches. Methods in Enzymology, 2014, 549, 287-311.	0.4	10
471	Closure of the Cytoplasmic Gate Formed by TM5 and TM11 during Transport in the Oxalate/Formate Exchanger fromOxalobacter formigenes. Biochemistry, 2014, 53, 7735-7744.	1.2	6
472	A high-frequency electron paramagnetic resonance spectrometer for multi-dimensional, multi-frequency, and multi-phase pulsed measurements. Review of Scientific Instruments, 2014, 85, 075110.	0.6	26
473	Effects of lipid environment on the conformational changes of an ABC importer. Channels, 2014, 8, 327-333.	1.5	13
474	A fully enzymatic method for site-directed spin labeling of long RNA. Nucleic Acids Research, 2014, 42, e117-e117.		25
475	Nucleotide-dependent displacement and dynamics of the α-1 helix in kinesin revealed by site-directed spin labeling EPR. Biochemical and Biophysical Research Communications, 2014, 443, 911-916.	1.0	4
476	Understanding allosteric and cooperative interactions in enzymes. FEBS Journal, 2014, 281, 621-632.	2.2	58
477	EPR investigation of libration motion of spin labeled hemerythrin. Journal of Molecular Structure, 2014, 1073, 18-23.	1.8	1
479	A Genetically Encoded Spin Label for Electron Paramagnetic Resonance Distance Measurements. Journal of the American Chemical Society, 2014, 136, 1238-1241.	6.6	121
480	Determining the Oligomeric Structure of Proteorhodopsin by Gd3+-Based Pulsed Dipolar Spectroscopy of Multiple Distances. Structure, 2014, 22, 1677-1686.	1.6	72
481	RIDME Spectroscopy with Gd(III) Centers. Journal of Physical Chemistry Letters, 2014, 5, 3970-3975.	2.1	76
482	Characterization of a periplasmic nitrate reductase in complex with its biosynthetic chaperone. FEBS Journal, 2014, 281, 246-260.	2.2	11
483	Compensatory Adaptations of Structural Dynamics in an Intrinsically Disordered Protein Complex. Angewandte Chemie - International Edition, 2014, 53, 3840-3843.	7.2	59

#	Article		CITATIONS
484	Gd(III)-PyMTA Label Is Suitable for In-Cell EPR. Journal of the American Chemical Society, 2014, 136, 15366-15378.		151
485	Global structural changes of an ion channel during its gating are followed by ion mobility mass spectrometry. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17170-17175.		63
486	Advanced magnetic resonance strategies for the elucidation of nanostructured soft matter. Physical Chemistry Chemical Physics, 2014, 16, 9700.		15
487	Characterizing Solution Surface Loop Conformational Flexibility of the GM2 Activator Protein. Journal of Physical Chemistry B, 2014, 118, 10607-10617.		12
488	Continuous wave W- and D-Band EPR spectroscopy offer "sweet-spots―for characterizing conformational changes and dynamics in intrinsically disordered proteins. Biochemical and Biophysical Research Communications, 2014, 450, 723-728.	1.0	18
489	Tau Binds to Lipid Membrane Surfaces via Short Amphipathic Helices Located in Its Microtubule-Binding Repeats. Biophysical Journal, 2014, 107, 1441-1452.	0.2	97
490	Ketoxime Coupling of <i>p</i> -Acetylphenylalanine at Neutral pH for Site-Directed Spin Labeling of Human Sulfite Oxidase. Journal of Physical Chemistry B, 2014, 118, 7077-7084.		16
491	Mapping Membrane Protein Backbone Dynamics: A Comparison of Site-Directed Spin Labeling with NMR 15N-Relaxation Measurements. Biophysical Journal, 2014, 107, 1697-1702.		6
492	The activation mode of the mechanosensitive ion channel, MscL, by lysophosphatidylcholine differs from tensionâ€induced gating. FASEB Journal, 2014, 28, 4292-4302.		42
493	Structure–function relationships and supramolecular organization of the EGFR (epidermal growth) Tj ETQq1 1 (	0.784314 1.6	rgBT /Overlo
494	Monitoring protein conformational changes and dynamics using stable-isotope labeling and mass spectrometry. Nature Protocols, 2014, 9, 1301-1319.	5.5	49
495	Extracellular Loop 4 of the Proline Transporter PutP Controls the Periplasmic Entrance to Ligand Binding Sites. Structure, 2014, 22, 769-780.	1.6	19
497	EPR Distance Measurements in Native Proteins with Genetically Encoded Spin Labels. ACS Chemical Biology, 2015, 10, 2764-2771.	1.6	39
498	Determining the geometry of oligomers of the human epidermal growth factor family on cells with <10 nm resolution. Biochemical Society Transactions, 2015, 43, 309-314.	1.6	5
499	Tomoregulin (TMEFF2) Binds Alzheimer's Disease Amyloid-β (Aβ) Oligomer and AβPP and Protects Neurons from Aβ-Induced Toxicity. Journal of Alzheimer's Disease, 2015, 48, 731-743.	1.2	17
500	Genetically Encoded Spin Labels for In Vitro and In-Cell EPR Studies of Native Proteins. Methods in Enzymology, 2015, 563, 483-502.	0.4	16
501	Mechanism of influenza A M2 transmembrane domain assembly in lipid membranes. Scientific Reports, 2015, 5, 11757.	1.6	55
502	EPR Studies of the Binding Properties, Guest Dynamics, and Innerâ€Space Dimensions of a Waterâ€Soluble Resorcinarene Capsule. Chemistry - A European Journal, 2015, 21, 16404-16410.	1.7	13

#	Article		CITATIONS
503	Biomolecular DNP‧upported NMR Spectroscopy using Siteâ€Directed Spin Labeling. Chemistry - A European Journal, 2015, 21, 12971-12977.	1.7	62
504	Differential backbone dynamics of companion helices in the extended helical coiledâ€coil domain of a bacterial chemoreceptor. Protein Science, 2015, 24, 1764-1776.	3.1	18
505	A Straightforward Approach to the Analysis of Double Electron–Electron Resonance Data. Methods in Enzymology, 2015, 563, 531-567.	0.4	81
506	How can EPR spectroscopy help to unravel molecular mechanisms of flavin-dependent photoreceptors?. Frontiers in Molecular Biosciences, 2015, 2, 49.	1.6	8
507	Gd(III) complexes for electron–electron dipolar spectroscopy: Effects of deuteration, pH and zero field splitting. Journal of Magnetic Resonance, 2015, 259, 163-173.	1.2	21
508	Spin Labeling of Potassium Channels. Methods in Enzymology, 2015, 564, 389-400.	0.4	0
509	Structural Characterization of Membrane-Curving Proteins. Methods in Enzymology, 2015, 564, 259-288.	0.4	2
510	Peptide–Membrane Interactions by Spin-Labeling EPR. Methods in Enzymology, 2015, 564, 219-258.	0.4	13
511	Spin labeling and Double Electron-Electron Resonance (DEER) to Deconstruct Conformational Ensembles of HIV Protease. Methods in Enzymology, 2015, 564, 153-187.	0.4	19
512	Navigating Membrane Protein Structure, Dynamics, and Energy Landscapes Using Spin Labeling and EPR Spectroscopy. Methods in Enzymology, 2015, 564, 349-387.	0.4	46
513	Exploring Structure, Dynamics, and Topology of Nitroxide Spin-Labeled Proteins Using Continuous-Wave Electron Paramagnetic Resonance Spectroscopy. Methods in Enzymology, 2015, 564, 59-100.	0.4	44
514	Cu2+ as an ESR Probe of Protein Structure and Function. Methods in Enzymology, 2015, 563, 459-481.	0.4	19
515	Cysteine-Specific Cu <sup>2+</sup> Chelating Tags Used as Paramagnetic Probes in Double Electron Electron Resonance. Journal of Physical Chemistry B, 2015, 119, 2839-2843.	1.2	44
516	In vivo EPR on spin labeled colicin A reveals an oligomeric assembly of the pore-forming domain in E. coli membranes. Physical Chemistry Chemical Physics, 2015, 17, 4875-4878.	1.3	45
517	Clustering and Dynamics of Phototransducer Signaling Domains Revealed by Site-Directed Spin Labeling Electron Paramagnetic Resonance on SRII/HtrII in Membranes and Nanodiscs. Biochemistry, 2015, 54, 349-362.	1.2	11
518	Visualizing transient dark states by NMR spectroscopy. Quarterly Reviews of Biophysics, 2015, 48, 35-116.	2.4	194
519	Electron Spin Resonance Scanning Probe Spectroscopy for Ultrasensitive Biochemical Studies. Analytical Chemistry, 2015, 87, 4910-4916.	3.2	19
520	Advanced EPR Methods for Studying Conformational Dynamics of Nucleic Acids. Methods in Enzymology, 2015, 564, 403-425.	0.4	27

#	Article		CITATIONS
521	Conformational dynamics of nucleic acid molecules studied by PELDOR spectroscopy with rigid spin labels. Journal of Magnetic Resonance, 2015, 252, 187-198.		52
522	EPR on Biomolecules. , 2015, , .		0
523	EPR Studies of Gating Mechanisms in Ion Channels. Methods in Enzymology, 2015, 557, 279-306.	0.4	9
524	Multiple Structural States Exist Throughout the Helical Nucleation Sequence of the Intrinsically Disordered Protein Stathmin, As Reported by Electron Paramagnetic Resonance Spectroscopy. Biochemistry, 2015, 54, 1717-1728.	1.2	8
525	Signal Transduction by BvgS Sensor Kinase. Journal of Biological Chemistry, 2015, 290, 23307-23319.		19
526	Biophysical Methods to Investigate Intrinsically Disordered Proteins: Avoiding an "Elephant and Blind Men―Situation. Advances in Experimental Medicine and Biology, 2015, 870, 215-260.	0.8	33
527	An Integrated Spin-Labeling/Computational-Modeling Approach for Mapping Global Structures of Nucleic Acids. Methods in Enzymology, 2015, 564, 427-453.	0.4	18
528	Physiological concentrations of albumin favor drug binding. Physical Chemistry Chemical Physics, 2015, 17, 22678-22685.	1.3	21
529	Electron spin resonance of spin-labeled lipid assemblies and proteins. Archives of Biochemistry and Biophysics, 2015, 580, 102-111.	1.4	11
530	Probing Structural Dynamics and Topology of the KCNE1 Membrane Protein in Lipid Bilayers via Site-Directed Spin Labeling and Electron Paramagnetic Resonance Spectroscopy. Biochemistry, 2015, 54, 6402-6412.	1.2	26
531	Study of light-induced MscL gating by EPR spectroscopy. European Biophysics Journal, 2015, 44, 557-565.	1.2	6
532	Protein NMR. Biological Magnetic Resonance, 2015, , .	0.4	4
533	Theoretical Sum Frequency Generation Spectroscopy of Peptides. Journal of Physical Chemistry B, 2015, 119, 8969-8983.	1.2	25
534	A Supramolecularly Activated Radical Cation for Accelerated Catalytic Oxidation. Angewandte Chemie - International Edition, 2016, 55, 8933-8937.	7.2	69
535	Ensemble models of proteins and protein domains based on distance distribution restraints. Proteins: Structure, Function and Bioinformatics, 2016, 84, 544-560.	1.5	31
536	A Supramolecularly Activated Radical Cation for Accelerated Catalytic Oxidation. Angewandte Chemie, 2016, 128, 9079-9083.	1.6	19
537	Water accessibility in a membrane-inserting peptide comparing Overhauser DNP and pulse EPR methods. Journal of Chemical Physics, 2016, 144, 194201.	1.2	20
538	Identification and Structural Characterization of the N-terminal Amyloid Core of Orb2 isoform A. Scientific Reports, 2016, 6, 38265.	1.6	32

#	Article	IF	CITATIONS
539	Flexibilities of isoindoline-derived spin labels for nucleic acids by orientation selective PELDOR. Physical Chemistry Chemical Physics, 2016, 18, 16196-16201.		15
541	Protein dynamics and function from solution state NMR spectroscopy. Quarterly Reviews of Biophysics, 2016, 49, e6.	2.4	123
542	A triarylmethyl spin label for long-range distance measurement at physiological temperatures using T 1 relaxation enhancement. Journal of Magnetic Resonance, 2016, 269, 50-54.	1.2	50
543	Electron Paramagnetic Resonance of a Single NV Nanodiamond Attached to an Individual Biomolecule. Biophysical Journal, 2016, 110, 2044-2052.	0.2	12
544	<sup>19</sup> F Paramagnetic Relaxation Enhancement: A Valuable Tool for Distance Measurements in Proteins. Angewandte Chemie - International Edition, 2016, 55, 150-154.	7.2	63
545	Conformational Mobility in Cytochrome P450 3A4 Explored by Pressure-Perturbation EPR Spectroscopy. Biophysical Journal, 2016, 110, 1485-1498.	0.2	25
546	Binding of the substrate UDP-glucuronic acid induces conformational changes in the xanthan gum glucuronosyltransferase. Protein Engineering, Design and Selection, 2016, 29, 197-207.	1.0	5
547	Selective Membrane Disruption Mechanism of an Antibacterial Î <sup>3</sup> -AApeptide Defined by EPR Spectroscopy. Biophysical Journal, 2016, 110, 1789-1799.	0.2	14
550	A PII-Like Protein Regulated by Bicarbonate: Structural and Biochemical Studies of the Carboxysome-Associated CPII Protein. Journal of Molecular Biology, 2016, 428, 4013-4030.	2.0	20
551	EPR studies of intermolecular interactions and competitive binding of drugs in a drug–BSA binding model. Physical Chemistry Chemical Physics, 2016, 18, 22531-22539.	1.3	28
552	Atomic-Scale Positioning of Single Spins via Multiple Nitrogen-Vacancy Centers. Physical Review Applied, 2016, 5, .	1.5	5
553	Conformational Flexibility and Dynamics of the Internal Loop and Helical Regions of the Kink–Turn Motif in the Glycine Riboswitch by Site-Directed Spin-Labeling. Biochemistry, 2016, 55, 4295-4305.	1.2	20
554	Recent excitements in protein NMR: Large proteins and biologically relevant dynamics. Journal of Biosciences, 2016, 41, 787-803.	0.5	7
555	Synthesis and Electron Paramagnetic Resonance Studies of Oligodeoxynucleotides Containing 2â€ <i>N</i> â€ <i>tert</i> â€Butylaminoxylâ€2â€2â€deoxyadenosines. ChemBioChem, 2016, 17, 2346-2352.	1.3	2
556	Site Directed Spin Labeling and EPR Spectroscopic Studies of Pentameric Ligand-Gated Ion Channels. Journal of Visualized Experiments, 2016, , .	0.2	5
557	Bacterial Chemoreceptor Dynamics: Helical Stability in the Cytoplasmic Domain Varies with Functional Segment and Adaptational Modification. Journal of Molecular Biology, 2016, 428, 3789-3804.	2.0	22
558	The two sides of a lipid-protein story. Biophysical Reviews, 2016, 8, 179-191.	1.5	26
559	Ionic Hydrogen Bonds and Lipid Packing Defects Determine the Binding Orientation and Insertion Depth of RecA on Multicomponent Lipid Bilayers. Journal of Physical Chemistry B, 2016, 120, 8424-8437.	1.2	20

#	Article		CITATIONS
560	Steric trapping reveals a cooperativity network in the intramembrane protease GlpG. Nature Chemical Biology, 2016, 12, 353-360.		45
561	How to Study Intermediate Filaments in Atomic Detail. Methods in Enzymology, 2016, 568, 3-33.	0.4	16
562	Characterization of the Domain Orientations of E.Âcoli 5′-Nucleotidase by Fitting an Ensemble of Conformers to DEER Distance Distributions. Structure, 2016, 24, 43-56.	1.6	19
563	Supramolecular host–guest interaction of trityl-nitroxide biradicals with cyclodextrins: modulation of spin–spin interaction and redox sensitivity. Organic and Biomolecular Chemistry, 2016, 14, 1694-1701.	1.5	8
564	Pulsed EPR characterization of HIV-1 protease conformational sampling and inhibitor-induced population shifts. Physical Chemistry Chemical Physics, 2016, 18, 5819-5831.	1.3	24
565	Interplay of Structure and Dynamics in Functional Macromolecular and Supramolecular Systems As Revealed by Magnetic Resonance Spectroscopy. Chemical Reviews, 2016, 116, 1272-1308.	23.0	99
566	Nucleic Acid-Dependent Conformational Changes in CRISPR–Cas9 Revealed by Site-Directed Spin Labeling. Cell Biochemistry and Biophysics, 2017, 75, 203-210.	0.9	13
567	High-Frequency Electron Paramagnetic Resonance Spectroscopy of Nitroxide-Functionalized Nanodiamonds in Aqueous Solution. Cell Biochemistry and Biophysics, 2017, 75, 151-157.	0.9	2
568	Gd3+–Gd3+ distances exceeding 3 nm determined by very high frequency continuous wave electron paramagnetic resonance. Physical Chemistry Chemical Physics, 2017, 19, 5127-5136.	1.3	23
569	Internal Dynamics of the 3-Pyrroline- <i>N</i> -Oxide Ring in Spin-Labeled Proteins. Journal of Physical Chemistry Letters, 2017, 8, 1113-1117.	2.1	2
570	Characterization of KCNE1 inside Lipodisq Nanoparticles for EPR Spectroscopic Studies of Membrane Proteins. Journal of Physical Chemistry B, 2017, 121, 5312-5321.	1.2	28
571	New NMR tools for protein structure and function: Spin tags for dynamic nuclear polarization solid state NMR. Archives of Biochemistry and Biophysics, 2017, 628, 102-113.	1.4	26
572	Studying the Conformation of a Receptor Tyrosine Kinase in Solution by Inhibitorâ€Based Spin Labeling. Angewandte Chemie - International Edition, 2017, 56, 8417-8421.	7.2	21
573	Studying the Conformation of a Receptor Tyrosine Kinase in Solution by Inhibitorâ€Based Spin Labeling. Angewandte Chemie, 2017, 129, 8537-8541.	1.6	4
574	Water Dynamics from the Surface to the Interior of a Supramolecular Nanostructure. Journal of the American Chemical Society, 2017, 139, 8915-8921.	6.6	53
575	A Bifunctional Spin Label for Ligand Recognition on Surfaces. Angewandte Chemie - International Edition, 2017, 56, 9449-9453.	7.2	8
576	A Bifunctional Spin Label for Ligand Recognition on Surfaces. Angewandte Chemie, 2017, 129, 9577-9581.	1.6	1
577	Nanoscale lipid membrane mimetics in spin-labeling and electron paramagnetic resonance spectroscopy studies of protein structure and function. Nanotechnology Reviews, 2017, 6, 75-92.	2.6	16

#	Article	IF	CITATIONS
578	Synthesis and Characterization of Novel Copolymers with Different Topological Structures and TEMPO Radical Distributions. Macromolecules, 2017, 50, 2683-2695.		22
579	Intersubunit distances in full-length, dimeric, bacterial phytochrome Agp1, as measured by pulsed electron-electron double resonance (PELDOR) between different spin label positions, remain unchanged upon photoconversion. Journal of Biological Chemistry, 2017, 292, 7598-7606.	1.6	13
580	Conformational Changes and Competitive Adsorption between Serum Albumin and Hemoglobin on Bioceramic Substrates. ChemPhysChem, 2017, 18, 634-642.	1.0	10
581	Synthesis, characterization and the paramagnetic properties of bottle-brush copolymers with shielding TEMPO radicals. Polymer Chemistry, 2017, 8, 7044-7053.	1.9	9
582	Proton-Detected NMR Spectroscopy of Nanodisc-Embedded Membrane Proteins: MAS Solid-State vs Solution-State Methods. Journal of Physical Chemistry B, 2017, 121, 7671-7680.	1.2	23
583	Expression and purification of single cysteine-containing mutant variants of the mouse prion protein by oxidative refolding. Protein Expression and Purification, 2017, 140, 1-7.	0.6	3
584	The relationship between folding and activity in UreG, an intrinsically disordered enzyme. Scientific Reports, 2017, 7, 5977.	1.6	34
585	Dynamical transition in molecular glasses and proteins observed by spin relaxation of nitroxide spin probes and labels. Journal of Chemical Physics, 2017, 147, 064501.	1.2	20
586	Membrane remodeling by amyloidogenic and non-amyloidogenic proteins studied by EPR. Journal of Magnetic Resonance, 2017, 280, 127-139.	1.2	9
587	The cytotoxic activity of miltefosine against Leishmania and macrophages is associated with dynamic changes in plasma membrane proteins. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1-9.	1.4	30
588	High-Pressure EPR Spectroscopy Studies of the E. coli Lipopolysaccharide Transport Proteins LptA and LptC. Applied Magnetic Resonance, 2017, 48, 1341-1353.	0.6	6
589	Ion Channel Conformation and Oligomerization Assessment by Site-Directed Spin Labeling and Pulsed-EPR. Methods in Enzymology, 2017, 594, 203-242.	0.4	16
590	The Synergetic Effects of Combining Structural Biology and EPR Spectroscopy on Membrane Proteins. Crystals, 2017, 7, 117.	1.0	5
591	Lignocellulose binding of a Cel5A-RtCBM11 chimera with enhanced $\hat{l}^2$ -glucanase activity monitored by electron paramagnetic resonance. Biotechnology for Biofuels, 2017, 10, 269.	6.2	8
592	Bacterial Mechanosensitive Channels. Sub-Cellular Biochemistry, 2018, 87, 83-116.	1.0	11
593	Purineâ€Derived Nitroxides for Noncovalent Spinâ€Labeling of Abasic Sites in Duplex Nucleic Acids. Chemistry - A European Journal, 2018, 24, 4157-4164.	1.7	12
594	Probing Conformational States of the Finger and Thumb Subdomains of HIV-1 Reverse Transcriptase Using Double Electron–Electron Resonance Electron Paramagnetic Resonance Spectroscopy. Biochemistry, 2018, 57, 489-493.	1.2	8
595	A Bioresistant Nitroxide Spin Label for Inâ€Cell EPR Spectroscopy: In Vitro and In Oocytes Protein Structural Dynamics Studies. Angewandte Chemie, 2018, 130, 1380-1384.	1.6	24

#	Article	IF	Citations
596	A Bioresistant Nitroxide Spin Label for In ell EPR Spectroscopy: In Vitro and In Oocytes Protein Structural Dynamics Studies. Angewandte Chemie - International Edition, 2018, 57, 1366-1370.		97
597	MMM: A toolbox for integrative structure modeling. Protein Science, 2018, 27, 76-85.		130
598	Exploring the pH-Induced Functional Phase Space of Human Serum Albumin by EPR Spectroscopy. Magnetochemistry, 2018, 4, 47.		21
599	A triplet biradical with double bidentate sites based on <i>tert</i> butyl pyridyl nitroxide as a candidate for strong ferromagnetic couplers. New Journal of Chemistry, 2018, 42, 17874-17878.	1.4	11
600	Rotamer Modelling of Cu(II) Spin Labels Based on the Double-Histidine Motif. Applied Magnetic Resonance, 2018, 49, 1281-1298.	0.6	21
602	Harnessing the Combined Power of SAXS and NMR. Advances in Experimental Medicine and Biology, 2018, 1105, 171-180.	0.8	4
603	Site-Specific Labelling of Multidomain Proteins by Amber Codon Suppression. Scientific Reports, 2018, 8, 14864.	1.6	8
604	Ordered opening of LDL receptor binding domain of human apolipoprotein E3 revealed by hydrogen/deuterium exchange mass spectrometry and fluorescence spectroscopy. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 1165-1173.		6
605	Inversion of Polymeric Micelles Probed by Spin Labeled Peptide Incorporation and Electron Paramagnetic Resonance. Journal of Physical Chemistry C, 2018, 122, 25692-25699.		13
606	Siteâ€directed spin label electron paramagnetic resonance spectroscopy as a probe of conformational dynamics in the Fe(III) " lockedâ€off ―state of the COâ€sensing transcription factor CooA. Protein Science, 2018, 27, 1670-1679.		7
607	Precision DEER Distances from Spin-Label Ensemble Refinement. Journal of Physical Chemistry Letters, 2018, 9, 5748-5752.	2.1	25
608	DEER Spectroscopy Measurements Reveal Multiple Conformations of HIV-1 SOSIP Envelopes that Show Similarities with Envelopes on Native Virions. Immunity, 2018, 49, 235-246.e4.	6.6	68
609	Applications of Electron Paramagnetic Resonance. , 2018, , 281-347.		0
610	Characterization of the Lipid Binding Pocket in GM2AP and SapB with EPR Spectroscopy. Applied Magnetic Resonance, 2018, 49, 1181-1199.	0.6	0
611	The contribution of modern EPR to structural biology. Emerging Topics in Life Sciences, 2018, 2, 9-18.	1.1	87
612	Quo vadis EPR?. Journal of Magnetic Resonance, 2019, 306, 36-41.	1.2	9
613	Allosteric activation of an ion channel triggered by modification of mechanosensitive nano-pockets. Nature Communications, 2019, 10, 4619.	5.8	39
614	Continuous Wave Electron Paramagnetic Resonance Spectroscopy Reveals the Structural Topology and Dynamic Properties of Active Pinholin S2168 in a Lipid Bilayer. Journal of Physical Chemistry B, 2019, 123, 8048-8056.	1.2	18

#	Article		CITATIONS
615	Spatial domain organization in the HIV-1 reverse transcriptase p66 homodimer precursor probed by double electron-electron resonance EPR. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17809-17816.		18
616	Chemical Modification of 1-Aminocyclopropane Carboxylic Acid (ACC) Oxidase: Cysteine Mutational Analysis, Characterization, and Bioconjugation with a Nitroxide Spin Label. Molecular Biotechnology, 2019, 61, 650-662.	1.3	4
617	Understanding the Linewidth of the ESR Spectrum Detected by a Single NV Center in Diamond. Journal of Physical Chemistry A, 2019, 123, 6350-6355.	1.1	9
618	Monodisperse Five-Nanometer-Sized Detonation Nanodiamonds Enriched in Nitrogen-Vacancy Centers. ACS Nano, 2019, 13, 6461-6468.	7.3	38
619	Gd(III)–Gd(III) Relaxation-Induced Dipolar Modulation Enhancement for In-Cell Electron Paramagnetic Resonance Distance Determination. Journal of Physical Chemistry Letters, 2019, 10, 1477-1481.	2.1	25
620	Tracking amyloid oligomerization with monomer resolution using a 13-amino acid peptide with a backbone-fixed spin label. Physical Chemistry Chemical Physics, 2019, 21, 25187-25195.	1.3	4
621	A metabolically engineered spin-labeling approach for studying glycans on cells. Chemical Science, 2020, 11, 12522-12532.	3.7	9
622	Capturing Peptide–GPCR Interactions and Their Dynamics. Molecules, 2020, 25, 4724.	1.7	23
623	Protein Conformational Dynamics upon Association with the Surfaces of Lipid Membranes and Engineered Nanoparticles: Insights from Electron Paramagnetic Resonance Spectroscopy. Molecules, 2020, 25, 5393.	1.7	5
624	Nickel and GTP Modulate Helicobacter pylori UreG Structural Flexibility. Biomolecules, 2020, 10, 1062.	1.8	9
625	Modeling of spin–spin distance distributions for nitroxide labeled biomacromolecules. Physical Chemistry Chemical Physics, 2020, 22, 24282-24290.	1.3	32
626	Probing the Y2 Receptor on Transmembrane, Intra- and Extra-Cellular Sites for EPR Measurements. Molecules, 2020, 25, 4143.	1.7	5
627	A non–GPCR-binding partner interacts with a novel surface on β-arrestin1 to mediate GPCR signaling. Journal of Biological Chemistry, 2020, 295, 14111-14124.	1.6	11
628	Conformational Differences Are Observed for the Active and Inactive Forms of Pinholin S <sup>21</sup> Using DEER Spectroscopy. Journal of Physical Chemistry B, 2020, 124, 11396-11405.	1.2	10
629	Demonstration of NV-detected ESR spectroscopy at 115 GHz and 4.2 T. Applied Physics Letters, 2020,	116,5	7
630	Submillisecond Freezing Permits Cryoprotectantâ€Free EPR Double Electronâ^'Electron Resonance Spectroscopy. ChemPhysChem, 2020, 21, 1224-1229.	1.0	19
631	Structural Dynamics and Topology of the Inactive Form of S <sup>21</sup> Holin in a Lipid Bilayer Using Continuous-Wave Electron Paramagnetic Resonance Spectroscopy. Journal of Physical Chemistry B, 2020, 124, 5370-5379.	1.2	13
632	Molecular Dynamics Simulations Based on Newly Developed Force Field Parameters for Cu <sup>2+</sup> Spin Labels Provide Insights into Double-Histidine-Based Double Electron–Electron Resonance. Journal of Physical Chemistry B, 2020, 124, 2788-2797.	1.2	32

#	Article		CITATIONS
633	EPR of site-directed spin-labeled proteins: A powerful tool to study structural flexibility. Archives of Biochemistry and Biophysics, 2020, 684, 108323.		15
634	Electrostatic Environment of Proteorhodopsin Affects the pKa of Its Buried Primary Proton Acceptor. Biophysical Journal, 2020, 118, 1838-1849.	0.2	9
635	Hybrid nanophotonic-nanomagnonic SiC-YiG quantum sensor: I/theoretical design and properties. EPJ Applied Physics, 2020, 90, 20102.	0.3	1
636	High-yield production in E. coli and characterization of full-length functional p13II protein from human T-cell leukemia virus type 1. Protein Expression and Purification, 2020, 173, 105659.	0.6	3
638	The mechanism of Hsp90-induced oligomerizaton of Tau. Science Advances, 2020, 6, eaax6999.	4.7	55
639	How to assess the structural dynamics of transcription factors by integrating sparse NMR and EPR constraints with molecular dynamics simulations. Computational and Structural Biotechnology Journal, 2021, 19, 2097-2105.	1.9	3
640	Spin-labelled mechanically interlocked molecules as models for the interpretation of biradical EPR spectra. Chemical Science, 2021, 12, 8385-8393.	3.7	4
641	Dynamics in supramolecular nanomaterials. Soft Matter, 2021, 17, 5850-5863.	1.2	9
642	Prokaryotic Solute/Sodium Symporters: Versatile Functions and Mechanisms of a Transporter Family. International Journal of Molecular Sciences, 2021, 22, 1880.	1.8	18
643	Intracellular Protein–Lipid Interactions Studied by Rapid-Scan Electron Paramagnetic Resonance Spectroscopy. Journal of Physical Chemistry Letters, 2021, 12, 2471-2475.	2.1	10
644	A Dual Fluorescence–Spin Label Probe for Visualization and Quantification of Target Molecules in Tissue by Multiplexed FLIM–EPR Spectroscopy. Angewandte Chemie, 2021, 133, 15065-15071.	1.6	2
645	A Dual Fluorescence–Spin Label Probe for Visualization and Quantification of Target Molecules in Tissue by Multiplexed FLIM–EPR Spectroscopy. Angewandte Chemie - International Edition, 2021, 60, 14938-14944.	7.2	7
646	Site-selective labeling and electron paramagnetic resonance studies of human cannabinoid receptor CB2. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183621.	1.4	4
647	In situ monitoring of protein transfer into nanoscale channels. Cell Reports Physical Science, 2021, 2, 100576.	2.8	12
648	Dielectric materials for enhancement of the sensitivity of electron paramagnetic resonance spectroscopy. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 272, 115303.	1.7	2
649	SDSL: A Survey of Biological Applications. , 2005, , 269-308.		8
650	Binuclear Non-Heme Iron Enzymes. Biological Magnetic Resonance, 2009, , 269-395.	0.4	2
651	Functional EPR Spectroscopy and Imaging of Nitroxides. , 2007, , 181-208.		2

# 652	ARTICLE Peptide Aggregation and Conformation Properties as Studied by Pulsed Electron-Electron Double Resonance. Biological Magnetic Resonance, 2004, , 385-433.	IF 0.4	CITATIONS
653	Mapping Out Protein Hydration Dynamics by Overhauser Dynamic Nuclear Polarization. Biological Magnetic Resonance, 2015, , 43-74.	0.4	1
654	Distance Measurements by Continuous Wave EPR Spectroscopy to Monitor Protein Folding. Methods in Molecular Biology, 2011, 752, 73-96.	0.4	11
655	Electron Paramagnetic Resonance Theory. , 2012, , 7-52.		7
656	Site-Directed Spin Labeling of RNA for Distance Measurements by EPR. , 2014, , 385-407.		4
657	Challenges for Computer Simulations in Drug Design. Challenges and Advances in Computational Chemistry and Physics, 2010, , 431-463.	0.6	2
658	Chapter 16 Folding and Pigment Binding of Light-Harvesting Chlorophyll a/b Protein (LHCIIb). Advances in Photosynthesis and Respiration, 2010, , 231-244.	1.0	7
659	The Roles of Transmembrane Domain Helix-III during Rhodopsin Photoactivation. PLoS ONE, 2011, 6, e17398.	1.1	6
660	Evidence for Water-Tuned Structural Differences in Proteins: An Approach Emphasizing Variations in Local Hydrophilicity. PLoS ONE, 2012, 7, e45681.	1.1	67
661	HDL-apoA-I Exchange: Rapid Detection and Association with Atherosclerosis. PLoS ONE, 2013, 8, e71541.	1.1	54
662	Mechanism of Lipid Binding of Human Apolipoprotein E3 by Hydrogen/Deuterium Exchange/Mass Spectrometry and Fluorescence Polarization. Protein and Peptide Letters, 2016, 23, 404-413.	0.4	9
663	Spin-label scanning reveals conformational sensitivity of the bound helical interfaces of IA <sub>3</sub> . AIMS Biophysics, 2018, 5, 166-181.	0.3	3
664	Monitoring the autoproteolysis of hiv-1 protease by site-directed spin-labeling and electron paramagnetic resonance spectroscopy. Journal of Biophysical Chemistry, 2011, 02, 137-146.	0.1	6
665	A novel N-terminal extension in mitochondrial TRAP1 serves as a thermal regulator of chaperone activity. ELife, 2014, 3, .	2.8	40
666	Structural basis for activation, assembly and membrane binding of ESCRT-III Snf7 filaments. ELife, 2015, 4, .	2.8	127
667	Integrative structural dynamics probing of the conformational heterogeneity in synaptosomal-associated protein 25. Cell Reports Physical Science, 2021, 2, 100616.	2.8	9
669	Disulfide Bond Structure and Accessibility of Cysteines in the Ectodomain of the Cholecystokinin Receptor: Specific Mono-Reactive Receptor Constructs Examine Charge-Sensitivity of Loop Regions. Receptors and Channels, 2003, 9, 83-91.	1.1	1
670	Studying Amyloid b-Protein Assembly. , 2004, , .		0

.

		CITATION REPORT		
#	Article		IF	CITATIONS
671	Spin Labeling of Photosynthetic Systems. Advances in Photosynthesis and Respiration, 200	08,,345-359.	1.0	1
673	Features bring in official compliance of lab specialists. Laboratornaya Sluzhba, 2015, 4, 44.		0.0	1
677	Molecular Mechanisms Involved in the Activation of Rhodopsin-Like Seven-Transmembrane Contemporary Clinical Neuroscience, 2005, , 33-70.	? Receptors.	0.3	0
679	G protein-coupled receptor drug discovery: implications from the crystal structure of rhodo Current Opinion in Drug Discovery & Development, 2001, 4, 561-74.	opsin.	1.9	48
682	Time-resolved DEER EPR and solid-state NMR afford kinetic and structural elucidation of su binding to Ca <sup>2+</sup> -ligated calmodulin. Proceedings of the National Academy o the United States of America, 2022, 119, .		3.3	28
683	Enzymatic glycoengineering-based spin labelling of cell surface sialoglycans to enable their by electron paramagnetic resonance (EPR) spectroscopy. Analyst, The, 2022, 147, 784-788		1.7	4
684	Synthesis of Structurally Defined Nitroxide Spin-Labeled Glycolipids as Useful Probes for Ele Paramagnetic Resonance (EPR) Spectroscopy Studies of Cell Surface Glycans. Synthesis, 2 2856-2864.		1.2	1
685	Neutralizing antibodies induced in immunized macaques recognize the CD4-binding site of occluded-open HIV-1 envelope trimer. Nature Communications, 2022, 13, 732.	n an	5.8	19
686	Tracking protein domain movements by EPR distance determination and multilateration. Methods in Enzymology, 2022, 666, 121-144.		0.4	2
687	Integrative ensemble modeling of proteins and their complexes with distance distribution restraints. Methods in Enzymology, 2022, 666, 145-169.		0.4	12
688	Human CEACAM1 N-domain dimerization is independent from glycan modifications. Struc 658-670.e5.	ture, 2022, 30,	1.6	4
693	The vertebrate phototransduction cascade: amplification and termination mechanisms. , 2	005,,101.		0
694	Distinct roles of the Na <sup>+</sup> binding sites in the allosteric coupling mechanism o glutamate transporter homolog, Glt <sub>Ph</sub> . Proceedings of the National Academy of the United States of America, 2022, 119, e2121653119.		3.3	2
695	Comparing the structural dynamics of the human KCNE3 in reconstituted micelle and lipid vesicle environments. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183974		1.4	5
696	Quantitative Agreement between Conformational Substates of Holo Calcium-Loaded Calm Detected by Double Electron–Electron Resonance EPR and Predicted by Molecular Dyna Simulations. Journal of the American Chemical Society, 2022, 144, 12043-12051.		6.6	8
697	HDX-guided EPR spectroscopy to interrogate membrane protein dynamics. STAR Protocols 101562.	s, 2022, 3,	0.5	2
698	Measurement of Protein Dynamics from Site Directed Cu(II) Labeling. Analysis & Sensing, 2	2023, 3, .	1.1	2
699	Use of Site-Directed Spin Labeling EPR Spectroscopy to Study Protein–LPS Interactions. Molecular Biology, 2022, , 83-96.	Methods in	0.4	0

~			<u> </u>
	ΙΤΔΤΙ	ON	Report
$\sim$	/		

#	Article	IF	CITATIONS
702	Nanoscale quantum sensing with Nitrogen-Vacancy centers in nanodiamonds – A magnetic resonance perspective. Progress in Nuclear Magnetic Resonance Spectroscopy, 2023, 134-135, 20-38.	3.9	11
703	Unveiling the orientation and dynamics of enzymes in unstructured artificial compartments of metal–organic frameworks (MOFs). Nanoscale, 2023, 15, 2573-2577.	2.8	3
704	Quantitative analysis of sterol-modulated monomer–dimer equilibrium of the β <sub>1</sub> -adrenergic receptor by DEER spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	7
705	Molecular-level interplay between intrinsically disordered clients and Hsp90. Current Opinion in Chemical Biology, 2023, 74, 102304.	2.8	1
706	Different Biophysical Properties of Cell Surface α2,3- and α2,6-Sialoglycans Revealed by Electron Paramagnetic Resonance Spectroscopic Studies. Journal of Physical Chemistry B, 2023, 127, 1749-1757.	1.2	4
707	chiLife: An open-source Python package for in silico spin labeling and integrative protein modeling. PLoS Computational Biology, 2023, 19, e1010834.	1.5	15
717	Recent Applications of Triarylmethyl (TAM) Derivatives as Electron Paramagnetic Resonance (EPR) Spin Labels in Biomacromolecular Structural Studies. Applied Magnetic Resonance, 2024, 55, 29-44.	0.6	0
728	EPR Studies of Chaperone Interactions and Dynamics. , 2023, , 242-277.		Ο
731	Studying Molecular Chaperones and Their Client Interactions by Nanometer Distance Restraints from Electron Paramagnetic Resonance Spectroscopy. , 2023, , 217-241.		0
735	Synthetic glycosphingolipid probes and their biological application. , 2024, , 353-424.		Ο
737	Structural Flexibility of Tau in Its Interaction with Microtubules as Viewed by Site-Directed Spin Labeling EPR Spectroscopy. Methods in Molecular Biology, 2024, , 55-75.	0.4	0