

Miquel Pons

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152
papers

4,269
citations

37
h-index

59
g-index

169
ext. papers

4,653
ext. citations

6.4
avg, IF

5.07
L-index

#	Paper	IF	Citations
152	Peptide and amide bond-containing dendrimers. <i>Chemical Reviews</i> , 2005 , 105, 1663-81	68.1	296
151	The Static Magnetic Field Dependence of Chemical Exchange Linebroadening Defines the NMR Chemical Shift Time Scale. <i>Journal of the American Chemical Society</i> , 2000 , 122, 2867-2877	16.4	294
150	Phospholipid polymers--synthesis and spectral characteristics. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980 , 602, 57-69	3.8	180
149	NMR Studies of the Reversible Dimerization and Guest Exchange Processes of Tetra Urea Calix[4]arenes Using a Derivative with Lower Symmetry. <i>Journal of the American Chemical Society</i> , 1997 , 119, 5706-5712	16.4	143
148	LINGO, an efficient holographic text based method to calculate biophysical properties and intermolecular similarities. <i>Journal of Chemical Information and Modeling</i> , 2005 , 45, 386-93	6.1	135
147	Dynamic NMR studies of supramolecular complexes. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2001 , 38, 267-324	10.4	118
146	Peptide dendrimers based on polyproline helices. <i>Journal of the American Chemical Society</i> , 2002 , 124, 8876-83	16.4	104
145	A new class of foldamers based on cis-gamma-amino-L-proline. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6048-57	16.4	92
144	Differential regulation of horizontally acquired and core genome genes by the bacterial modulator H-NS. <i>PLoS Genetics</i> , 2009 , 5, e1000513	6	85
143	Dynamic interactions of proteins in complex networks: a more structured view. <i>FEBS Journal</i> , 2009 , 276, 5390-405	5.7	81
142	Peptide binding induces large scale changes in inter-domain mobility in human Pin1. <i>Journal of Biological Chemistry</i> , 2003 , 278, 26174-82	5.4	79
141	Interpretation of 15N NMR relaxation data of globular proteins using hydrodynamic calculations with HYDRONMR. <i>Journal of Biomolecular NMR</i> , 2002 , 23, 139-50	3	73
140	Cyclization of disulfide-containing peptides in solid-phase synthesis. <i>International Journal of Peptide and Protein Research</i> , 1991 , 37, 402-13		70
139	Influence of the Hofmeister anions on protein stability as studied by thermal denaturation and chemical shift perturbation. <i>Biochemistry</i> , 2007 , 46, 917-23	3.2	67
138	Are 1,3-Di-O-benzoylcalix[4]arenes an Exception to the (13)C-NMR Rule for Conformational Determination?. <i>Journal of Organic Chemistry</i> , 1997 , 62, 4518-4520	4.2	66
137	Structure and Dynamics of Ribosomal Protein L12: An Ensemble Model Based on SAXS and NMR Relaxation. <i>Biophysical Journal</i> , 2010 , 98, 2374-82	2.9	58
136	A Designed Non-Peptidic Receptor that Mimics the Phosphocholine Binding Site of the McPC603 Antibody. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1712-1715		58

135	Lipid binding by the Unique and SH3 domains of c-Src suggests a new regulatory mechanism. <i>Scientific Reports</i> , 2013 , 3, 1295	4.9	57
134	Structural characterization of the natively unfolded N-terminal domain of human c-Src kinase: insights into the role of phosphorylation of the unique domain. <i>Journal of Molecular Biology</i> , 2009 , 391, 136-48	6.5	57
133	Low-resolution structures of transient protein-protein complexes using small-angle X-ray scattering. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4378-86	16.4	55
132	An analytical solution to the problem of the orientation of rigid particles by planar obstacles. Application to membrane systems and to the calculation of dipolar couplings in protein NMR spectroscopy. <i>Journal of the American Chemical Society</i> , 2001 , 123, 12037-47	16.4	51
131	Structure-function perturbation and dissociation of tetrameric urate oxidase by high hydrostatic pressure. <i>Biophysical Journal</i> , 2010 , 98, 2365-73	2.9	48
130	Isonicotinic acid hydrazide conversion to Isonicotinyl-NAD by catalase-peroxidases. <i>Journal of Biological Chemistry</i> , 2010 , 285, 26662-73	5.4	47
129	Phosphorylation of unique domains of Src family kinases. <i>Frontiers in Genetics</i> , 2014 , 5, 181	4.5	46
128	Supramolecular properties of the proline-rich gamma-Zein N-terminal domain. <i>Biophysical Journal</i> , 2002 , 83, 1194-204	2.9	46
127	Self-assembly of the amphipathic helix (VHLPPP) ₈ . A mechanism for zein protein body formation. <i>Journal of Molecular Biology</i> , 2001 , 312, 907-13	6.5	46
126	Solution structure and conformational equilibria of a symmetrical calix[6]arene. Complete sequential and cyclostereospecific assignment of the low-temperature NMR spectra of a cycloasymmetric molecule. <i>Journal of Organic Chemistry</i> , 1992 , 57, 6924-6931	4.2	46
125	Comparative study of supports for solid-phase coupling of protected-peptide segments. <i>Journal of Organic Chemistry</i> , 1989 , 54, 360-366	4.2	46
124	Multi-phosphorylation of the intrinsically disordered unique domain of c-Src studied by in-cell and real-time NMR spectroscopy. <i>ChemBioChem</i> , 2013 , 14, 1820-7	3.8	45
123	Structural characterization of the active and inactive states of Src kinase in solution by small-angle X-ray scattering. <i>Journal of Molecular Biology</i> , 2008 , 376, 492-505	6.5	45
122	Macromolecular crowding in biological systems: hydrodynamics and NMR methods. <i>Journal of Molecular Recognition</i> , 2004 , 17, 397-407	2.6	45
121	Indirect DNA readout by an H-NS related protein: structure of the DNA complex of the C-terminal domain of Ler. <i>PLoS Pathogens</i> , 2011 , 7, e1002380	7.6	43
120	A novel search engine for virtual screening of very large databases. <i>Journal of Chemical Information and Modeling</i> , 2006 , 46, 836-43	6.1	40
119	Measurement of One Bond Dipolar Couplings through Lanthanide-Induced Orientation of a Calcium-Binding Protein. <i>Journal of the American Chemical Society</i> , 1999 , 121, 8947-8948	16.4	40
118	p-tert-Butylcalix[6]arene symmetrically tetrasubstituted with pyridine pendant groups: synthesis, x-ray crystal structure, and conformational analysis by dynamic NMR spectroscopy and molecular mechanics calculations. <i>Journal of the American Chemical Society</i> , 1992 , 114, 7814-7821	16.4	40

117	The Unique Domain Forms a Fuzzy Intramolecular Complex in Src Family Kinases. <i>Structure</i> , 2017 , 25, 630-640.e4	5.2	38
116	Combined use of NMR relaxation measurements and hydrodynamic calculations to study protein association. Evidence for tetramers of low molecular weight protein tyrosine phosphatase in solution. <i>Journal of the American Chemical Society</i> , 2003 , 125, 916-23	16.4	37
115	NMR-spectroscopic mapping of an engineered cavity in the I14A mutant of HPr from <i>Staphylococcus carnosus</i> using xenon. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8726-7	16.4	37
114	An oxygen-sensitive toxin-antitoxin system. <i>Nature Communications</i> , 2016 , 7, 13634	17.4	37
113	Intramolecular Fuzzy Interactions Involving Intrinsically Disordered Domains. <i>Frontiers in Molecular Biosciences</i> , 2018 , 5, 39	5.6	36
112	Convenient synthesis of a cyclic peptide disulfide: A type II Eurn structural model. <i>Tetrahedron Letters</i> , 1989 , 30, 2441-2444	2	31
111	Uroporphyrinogen III synthase mutations related to congenital erythropoietic porphyria identify a key helix for protein stability. <i>Biochemistry</i> , 2009 , 48, 454-61	3.2	30
110	Uteroglobin-like peptide cavities I. Synthesis of antiparallel and parallel dimers of bis-cysteine peptides. <i>Tetrahedron Letters</i> , 1988 , 29, 3845-3848	2	30
109	Interaction between the bacterial nucleoid associated proteins Hha and H-NS involves a conformational change of Hha. <i>Biochemical Journal</i> , 2005 , 388, 755-62	3.8	29
108	3D structure of kaliotoxin: is residue 34 a key for channel selectivity? 1997 , 3, 314-319		28
107	Molecular evolution of the H-NS protein: interaction with Hha-like proteins is restricted to enterobacteriaceae. <i>Journal of Bacteriology</i> , 2007 , 189, 265-8	3.5	28
106	Structure-based discovery of new small molecule inhibitors of low molecular weight protein tyrosine phosphatase. <i>European Journal of Medicinal Chemistry</i> , 2007 , 42, 1102-8	6.8	25
105	Interpretation of NMR relaxation properties of Pin1, a two-domain protein, based on Brownian dynamic simulations. <i>Journal of Biomolecular NMR</i> , 2004 , 29, 21-35	3	25
104	Convergent Synthesis of Repeating Peptides (Val-X-Leu-Pro-Pro)(8) Adopting a Polyproline II Conformation. <i>Journal of Organic Chemistry</i> , 1996 , 61, 6775-6782	4.2	25
103	The SH3 Domain Acts as a Scaffold for the N-Terminal Intrinsically Disordered Regions of c-Src. <i>Structure</i> , 2015 , 23, 893-902	5.2	23
102	Design, synthesis, and complexing properties of (1Cys-1S _C ys,4Cys-4S _C ys)-dithiobis(Ac-L-1Cys-L-Pro-D-Val-L-4Cys-NH ₂). The first example of a new family of ion-binding peptides. <i>Journal of the American Chemical Society</i> , 1993 , 115, 11663-11670	16.4	23
101	Evaluation of chiral recognition ability of a novel uranyl-salophen-based receptor: an easy and rapid testing protocol. <i>Chemistry - A European Journal</i> , 2004 , 10, 3301-7	4.8	22
100	NMR measurement of the off rate from the first calcium-binding site of the synaptotagmin I C2A domain. <i>FEBS Letters</i> , 2002 , 516, 93-6	3.8	22

99	New roles for key residues in helices H1 and H2 of the Escherichia coli H-NS N-terminal domain: H-NS dimer stabilization and Hha binding. <i>Journal of Molecular Biology</i> , 2006 , 359, 679-89	6.5	21
98	Structural, kinetic and cytotoxicity aspects of 12-28 beta-amyloid protein fragment: a reappraisal. <i>Journal of Peptide Science</i> , 2002 , 8, 578-88	2.1	21
97	A new ionizable chromophore of 1,4-bis(alkylamino)benzo[g]phthalazine which interacts with DNA by intercalation. <i>Journal of Medicinal Chemistry</i> , 1991 , 34, 82-6	8.3	21
96	Dynamic nuclear polarization with polychlorotriphenylmethyl radicals: supramolecular polarization-transfer effects. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3360-2	16.4	20
95	On the origin of the thermostabilization of proteins induced by sodium phosphate. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9690-1	16.4	20
94	Fast 2D NMR ligand screening using Hadamard spectroscopy. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7146-7	16.4	20
93	Isolation and characterization of four isomers of a C(60) bisadduct with a TTF derivative. Study of their radical ions. <i>Journal of Organic Chemistry</i> , 2002 , 67, 566-75	4.2	20
92	Structure-Based Design of MtpB Inhibitors That Reduce Multidrug-Resistant Mycobacterium tuberculosis Survival and Infection Burden in Vivo. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 8337-8352	8.3	20
91	Paramagnetic spherical nanoparticles by the self-assembly of persistent trityl radicals. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 3151-8	3.6	19
90	On the origin of the selectivity of plasmidic H-NS towards horizontally acquired DNA: linking H-NS oligomerization and cooperative DNA binding. <i>Journal of Molecular Biology</i> , 2013 , 425, 2347-58	6.5	19
89	Massive docking of flexible ligands using environmental niches in parallelized genetic algorithms. <i>Journal of Computational Chemistry</i> , 2001 , 22, 1971-1982	3.5	19
88	Structural characterization of unphosphorylated STAT5a oligomerization equilibrium in solution by small-angle X-ray scattering. <i>Protein Science</i> , 2009 , 18, 716-26	6.3	18
87	NMR signal enhancement of >50 000 times in fast dissolution dynamic nuclear polarization. <i>Chemical Communications</i> , 2017 , 53, 3757-3760	5.8	17
86	Improved Stability and Spectral Quality in Ex Situ Dissolution DNP Using an Improved Transfer Device. <i>Applied Magnetic Resonance</i> , 2015 , 46, 723-729	0.8	17
85	Self-assembled trityl radical capsules--implications for dynamic nuclear polarization. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 5785-94	3.6	17
84	Polychlorinated trityl radicals for dynamic nuclear polarization: the role of chlorine nuclei. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 5824-9	3.6	16
83	A new method for measuring diffusion coefficients by 2D NMR using accordion spectroscopy. <i>Journal of Magnetic Resonance</i> , 1998 , 131, 166-9	3	16
82	Protein tyrosine phosphatase oligomerization studied by a combination of ¹⁵ N NMR relaxation and ¹²⁹ Xe NMR. Effect of buffer containing arginine and glutamic acid. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5946-53	16.4	16

81	Stereoisomerism of molecular multipropellers. 2. Dynamic stereochemistry of bis- and tris-triaryl systems. <i>Journal of Organic Chemistry</i> , 2001 , 66, 1579-89	4.2	16
80	A ¹³ C-NMR study of 10,12-tricosadiynoic acid and the corresponding phospholipid and phospholipid polymer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983 , 730, 306-312	3.8	16
79	A study of the spectra of diacetylenic phospholipid polymers in solvents and dispersions. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1982 , 20, 513-520		16
78	The optical activity and circular dichroic spectra of diacetylenic phospholipid polymers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982 , 693, 461-5	3.8	15
77	Protein loop compaction and the origin of the effect of arginine and glutamic acid mixtures on solubility, stability and transient oligomerization of proteins. <i>European Biophysics Journal</i> , 2011 , 40, 1327-38	1.9	14
76	Correlation of the EPR properties of perchlorotriphenylmethyl radicals and their efficiency as DNP polarizers. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 18626-37	3.6	14
75	Saturated resins or stress of the resin. <i>Tetrahedron Letters</i> , 2003 , 44, 1751-1754	2	14
74	Effect of succinylation on the membrane activity and conformation of a short cecropin A-melittin hybrid peptide. <i>Biopolymers</i> , 1994 , 34, 1251-8	2.2	14
73	Novel PTM-TEMPO biradical for fast dissolution dynamic nuclear polarization. <i>Organic Letters</i> , 2014 , 16, 5402-5	6.2	13
72	Protein oligomers studied by solid-state NMR--the case of the full-length nucleoid-associated protein histone-like nucleoid structuring protein. <i>FEBS Journal</i> , 2013 , 280, 2916-28	5.7	13
71	Stereoisomerism of molecular multipropellers. 1. Static stereochemistry of bis- and tris-triaryl systems. <i>Journal of Organic Chemistry</i> , 2001 , 66, 1567-78	4.2	13
70	A Three-protein Charge Zipper Stabilizes a Complex Modulating Bacterial Gene Silencing. <i>Journal of Biological Chemistry</i> , 2015 , 290, 21200-12	5.4	12
69	All-trans-retinoic acid activates the pro-invasive Src-YAP-Interleukin 6 axis in triple-negative MDA-MB-231 breast cancer cells while cerivastatin reverses this action. <i>Scientific Reports</i> , 2018 , 8, 7047	4.9	12
68	Oligomerization and DNA binding of Ler, a master regulator of pathogenicity of enterohemorrhagic and enteropathogenic Escherichia coli. <i>Nucleic Acids Research</i> , 2012 , 40, 10254-62	20.1	12
67	An Easy Entry to a New High-Symmetry, Large Molecular Framework for Molecular Recognition Studies and de Novo Protein Design. Solvent Modulation of the Spontaneous Formation of a Cyclic Monomer, Dimer, or Trimer from a Bis-cysteine Peptide. <i>Journal of the American Chemical Society</i> , 1998 , 120, 5639-5650	16.4	12
66	Interplay of Steric Hindrance and Hydrogen Bonding To Restrict Mono-O-substituted p-tert-Butylcalix[6]arenes in Cone Conformation. <i>Journal of Organic Chemistry</i> , 1998 , 63, 1079-1085	4.2	12
65	Conformational analysis of the repeated sequence of glutelin-2, a maize storage protein. <i>Magnetic Resonance in Chemistry</i> , 1987 , 25, 402-406	2.1	12
64	Meta-structure correlation in protein space unveils different selection rules for folded and intrinsically disordered proteins. <i>Molecular BioSystems</i> , 2012 , 8, 411-6		11

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62	Kinetics characterization of c-Src binding to lipid membranes: Switching from labile to persistent binding. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 138, 17-25	6	10
61	An optimized method for (15)N R(1) relaxation rate measurements in non-deuterated proteins. <i>Journal of Biomolecular NMR</i> , 2015 , 62, 209-20	3	10
60	Protein functional dynamics in multiple timescales as studied by NMR spectroscopy. <i>Advances in Protein Chemistry and Structural Biology</i> , 2013 , 92, 219-51	5.3	10
59	Essential residues in the H-NS binding site of Hha, a co-regulator of horizontally acquired genes in Enterobacteria. <i>FEBS Letters</i> , 2011 , 585, 1765-70	3.8	10
58	Hydrodynamic models and computational methods for NMR relaxation. <i>Methods in Enzymology</i> , 2005 , 394, 419-30	1.7	10
57	Lanthanide modulation of the orientation of macromolecules induced by purple membrane. <i>Journal of the American Chemical Society</i> , 2002 , 124, 374-5	16.4	10
56	Long-lived states in an intrinsically disordered protein domain. <i>Magnetic Resonance in Chemistry</i> , 2013 , 51, 729-33	2.1	9
55	A single residue mutation in Hha preserving structure and binding to H-NS results in loss of H-NS mediated gene repression properties. <i>FEBS Letters</i> , 2008 , 582, 3139-44	3.8	9
54	Unequivocal synthesis and characterization of a parallel and an antiparallel bis-cystine peptide. <i>Journal of Organic Chemistry</i> , 1993 , 58, 6319-6328	4.2	9
53	The action of Triton X-100 and sodium dodecyl sulphate on lipid layers. Effect on monolayers and liposomes. <i>Journal of Microencapsulation</i> , 1990 , 7, 255-9	3.4	9
52	Nomen Est Omen: Quantitative Prediction of Molecular Properties Directly from IUPAC Names. <i>The Open Applied Informatics Journal</i> , 2007 , 1, 28-32		9
51	A C2HC zinc finger is essential for the RING-E2 interaction of the ubiquitin ligase RNF125. <i>Scientific Reports</i> , 2016 , 6, 29232	4.9	9
50	The (13)C solid DNP mechanisms with perchlorotriphenylmethyl radicals--the role of (35,37)Cl. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 19218-28	3.6	8
49	Application of acetamidomethyl and 9-fluorenylmethyl groups for efficient side protection of penicillamine in solid-phase peptide synthesis. <i>International Journal of Peptide and Protein Research</i> , 1990 , 35, 434-40		8
48	Weak oligomerization of low-molecular-weight protein tyrosine phosphatase is conserved from mammals to bacteria. <i>FEBS Journal</i> , 2009 , 276, 4346-57	5.7	8
47	⌀(Phenylacetamido)benzylpolystyrene (pab-resin). <i>Tetrahedron</i> , 1981 , 37, 2007-2010	2.4	8
46	The Two Isoforms of Lyn Display Different Intramolecular Fuzzy Complexes with the SH3 Domain. <i>Molecules</i> , 2018 , 23,	4.8	8

45	A "Russian Doll" Approach to More Efficient Acquisition of IDP NMR Spectra. <i>Biophysical Journal</i> , 2019 , 117, 1-2	2.9	7
44	N9L and L9N mutations toggle Hha binding and hemolysin regulation by Escherichia coli and Vibrio cholerae H-NS. <i>FEBS Letters</i> , 2009 , 583, 2911-6	3.8	7
43	Disulfide Bonded Cyclic Peptide Dimers and Trimers: An Easy Entry to High Symmetry Peptide Frameworks. <i>Synlett</i> , 2000 , 2000, 172-181	2.2	7
42	Conformational analysis of bacitracin A, a naturally occurring lariat. <i>Biopolymers</i> , 1991 , 31, 605-12	2.2	7
41	Reversible Dimerization of Tetraureas Derived from Calix[4]Arenes 1999 , 45-60		7
40	Single molecule fluorescence reveals dimerization of myristoylated Src N-terminal region on supported lipid bilayers. <i>ChemistrySelect</i> , 2016 , 1, 642-647	1.8	7
39	DNA specificities modulate the binding of human transcription factor A to mitochondrial DNA control region. <i>Nucleic Acids Research</i> , 2019 , 47, 6519-6537	20.1	6
38	Farseer-NMR: automatic treatment, analysis and plotting of large, multi-variable NMR data. <i>Journal of Biomolecular NMR</i> , 2018 , 71, 1-9	3	6
37	Integrating disorder in globular multidomain proteins: Fuzzy sensors and the role of SH3 domains. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 677, 108161	4.1	6
36	Structuring Chemical Space: Similarity-Based Characterization of the PubChem Database. <i>Molecular Informatics</i> , 2010 , 29, 37-49	3.8	6
35	¹³ C-NMR spectra of fluorinated molecules using ¹⁹ F- ¹³ C polarization transfer. <i>Tetrahedron Letters</i> , 1985 , 26, 2817-2820	2	6
34	Studies of cellular metabolism in isolated intact bovine retinas by ³¹ P NMR. <i>FEBS Letters</i> , 1982 , 143, 293-5	3.8	6
33	Evidence for moonlighting functions of the β subunit of Escherichia coli DNA polymerase III. <i>Journal of Bacteriology</i> , 2014 , 196, 1102-12	3.5	5
32	Temperature coefficients of peptides dissolved in hexafluoroisopropanol monitor distortions of helices. <i>International Journal of Peptide Research and Therapeutics</i> , 1997 , 4, 29-39		5
31	Separation of cross-relaxation and exchange in two-site spin systems without resolved couplings. <i>Applied Magnetic Resonance</i> , 2002 , 22, 431-438	0.8	5
30	Isolation of two regioisomers of a triad of C ₆₀ based on a tetrathiafulvalene derivative: HMBC NMR as a useful tool for their characterisation. <i>Synthetic Metals</i> , 2001 , 123, 523-527	3.6	5
29	Conformation and Self-Association of a Hybrid Peptide of Cecropin A and Melittin with Improved Antibiotic Activity. <i>Chemistry - A European Journal</i> , 1996 , 2, 838-846	4.8	5
28	Determination of interchain NOEs in symmetrical dimer peptides. <i>Journal of the American Chemical Society</i> , 1991 , 113, 5049-5050	16.4	5

27	Solution conformation of an immunogenic peptide from HRV2: comparison with the conformation found in a complex with a Fab fragment of an anti-HRV2 neutralizing antibody. <i>Journal of Peptide Science</i> , 1998 , 4, 101-10	2.1	4
26	Low-molecular-weight spies of protein-protein interactions. <i>Comptes Rendus Chimie</i> , 2008 , 11, 499-505	2.7	4
25	Measurement of relaxation rates of N(H) and H(alpha) backbone protons in proteins with tailored initial conditions. <i>Journal of Magnetic Resonance</i> , 1999 , 139, 434-8	3	4
24	Cis-trans proline isomers in the catalytic domain of calcineurin. <i>FEBS Journal</i> , 2019 , 286, 1230-1239	5.7	4
23	The disordered boundary of the cell: emerging properties of membrane-bound intrinsically disordered proteins. <i>Biomolecular Concepts</i> , 2019 , 10, 25-36	3.7	3
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21	An improved scoring function for suboptimal polar ligand complexes. <i>Journal of Computer-Aided Molecular Design</i> , 2009 , 23, 143-52	4.2	3
20	NMR characterization of self-association of a helical peptide using deuterium exchange experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996 , 115, 39-45	5.1	3
19	Steady-state dqf-cosy spectra using a variable relaxation delay. <i>Journal of Magnetic Resonance</i> , 1988 , 78, 314-320		3
18	Conformational basis of N-glycosylation of proteins: conformational analysis of Ac-Asn-Ala-Thr-NH ₂ . <i>International Journal of Biological Macromolecules</i> , 1983 , 5, 279-282	7.9	3
17	N-Lauroylation during the Expression of Recombinant N-Myristoylated Proteins: Implications and Solutions. <i>ChemBioChem</i> , 2016 , 17, 82-9	3.8	3
16	Dynamic Nuclear Polarization with Polychlorotriphenylmethyl Radicals: Supramolecular Polarization-Transfer Effects. <i>Angewandte Chemie</i> , 2010 , 122, 3432-3434	3.6	2
15	A graphical method for the analysis of anisotropic rotational diffusion in proteins. <i>Journal of Biomolecular NMR</i> , 2001 , 19, 181-5	3	2
14	Molecular dynamics study of kalitoxin in water. <i>International Journal of Biological Macromolecules</i> , 1999 , 24, 1-9	7.9	2
13	Use of histidine pKa changes to study peptide-DNA interactions. <i>Bioorganic Chemistry</i> , 1985 , 13, 171-178	5.1	2
12	NMR Spectroscopy in Solution 2012 ,		1
11	Peptides in molecular recognition: synthetic and conformational aspects. <i>Biochemical Society Transactions</i> , 1994 , 22, 1045-8	5.1	1
10	Strategies and tactics for the solid-phase synthesis of cystine-containing peptides 1993 , 19-23		1

- 9 A Methionine Chemical Shift Based Order Parameter Characterizing Global Protein Dynamics. *ChemBioChem*, **2021**, 22, 1001-1004 3.8 ○
- 8 Basic Residue Clusters in Intrinsically Disordered Regions of Peripheral Membrane Proteins: Modulating 2D Diffusion on Cell Membranes. *Physchem*, **2021**, 1, 152-162 ○
- 7 An easy NMR method to study the formation of parallel β sheets in peptide aggregates. *International Journal of Peptide Research and Therapeutics*, **1999**, 6, 247-253
- 6 An easy NMR method to study the formation of parallel β sheets in peptide aggregates. *International Journal of Peptide Research and Therapeutics*, **1999**, 6, 247-253
- 5 Synthesis and ion-binding properties of an immobilized bis-cysteine peptide. *Bioorganic and Medicinal Chemistry Letters*, **1992**, 2, 281-284 2.9
- 4 Use of lanthanide shift reagents to probe the conformation of fatty acids in solution by ^{13}C NMR. *Magnetic Resonance in Chemistry*, **1986**, 24, 612-615 2.1
- 3 Self-assembly of synthetic peptides: Formation of amphipathic surfaces and head-to-tail self-assembly **2002**, 316-317
- 2 Disulfide Bond Based Self-Assembly of Peptides Leading To Spheroidal Cyclic Trimers **2002**, 243-256
- 1 In-Cell NMR1-9