

# Miquel Pons

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A Methionine Chemical Shift Based Order Parameter Characterizing Global Protein Dynamics. <i>ChemBioChem</i> , <b>2021</b> , 22, 1001-1004	3.8	0
151	Basic Residue Clusters in Intrinsically Disordered Regions of Peripheral Membrane Proteins: Modulating 2D Diffusion on Cell Membranes. <i>Physchem</i> , <b>2021</b> , 1, 152-162		0
150	DNA specificities modulate the binding of human transcription factor A to mitochondrial DNA control region. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 6519-6537	20.1	6
149	The disordered boundary of the cell: emerging properties of membrane-bound intrinsically disordered proteins. <i>Biomolecular Concepts</i> , <b>2019</b> , 10, 25-36	3.7	3
148	A Myristoyl-Binding Site in the SH3 Domain Modulates c-Src Membrane Anchoring. <i>IScience</i> , <b>2019</b> , 12, 194-203	6.1	10
147	A "Russian Doll" Approach to More Efficient Acquisition of IDP NMR Spectra. <i>Biophysical Journal</i> , <b>2019</b> , 117, 1-2	2.9	7
146	Integrating disorder in globular multidomain proteins: Fuzzy sensors and the role of SH3 domains. <i>Archives of Biochemistry and Biophysics</i> , <b>2019</b> , 677, 108161	4.1	6
145	Cis-trans proline isomers in the catalytic domain of calcineurin. <i>FEBS Journal</i> , <b>2019</b> , 286, 1230-1239	5.7	4
144	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> , <b>2018</b> , 8, 7047	4.9	12
143	Intramolecular Fuzzy Interactions Involving Intrinsically Disordered Domains. <i>Frontiers in Molecular Biosciences</i> , <b>2018</b> , 5, 39	5.6	36
142	Farseer-NMR: automatic treatment, analysis and plotting of large, multi-variable NMR data. <i>Journal of Biomolecular NMR</i> , <b>2018</b> , 71, 1-9	3	6
141	The Two Isoforms of Lyn Display Different Intramolecular Fuzzy Complexes with the SH3 Domain. <i>Molecules</i> , <b>2018</b> , 23,	4.8	8
140	Structure-Based Design of MtpB Inhibitors That Reduce Multidrug-Resistant Mycobacterium tuberculosis Survival and Infection Burden in Vivo. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 8337-8352	8.3	20
139	NMR signal enhancement of >50 000 times in fast dissolution dynamic nuclear polarization. <i>Chemical Communications</i> , <b>2017</b> , 53, 3757-3760	5.8	17
138	The Unique Domain Forms a Fuzzy Intramolecular Complex in Src Family Kinases. <i>Structure</i> , <b>2017</b> , 25, 630-640.e4	5.2	38
137	Kinetics characterization of c-Src binding to lipid membranes: Switching from labile to persistent binding. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 138, 17-25	6	10
136	Paramagnetic spherical nanoparticles by the self-assembly of persistent trityl radicals. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 3151-8	3.6	19

135	An oxygen-sensitive toxin-antitoxin system. <i>Nature Communications</i> , <b>2016</b> , 7, 13634	17.4	37
134	A C2HC zinc finger is essential for the RING-E2 interaction of the ubiquitin ligase RNF125. <i>Scientific Reports</i> , <b>2016</b> , 6, 29232	4.9	9
133	Single molecule fluorescence reveals dimerization of myristoylated Src N-terminal region on supported lipid bilayers. <i>ChemistrySelect</i> , <b>2016</b> , 1, 642-647	1.8	7
132	N-Lauroylation during the Expression of Recombinant N-Myristoylated Proteins: Implications and Solutions. <i>ChemBioChem</i> , <b>2016</b> , 17, 82-9	3.8	3
131	Improved Stability and Spectral Quality in Ex Situ Dissolution DNP Using an Improved Transfer Device. <i>Applied Magnetic Resonance</i> , <b>2015</b> , 46, 723-729	0.8	17
130	The SH3 Domain Acts as a Scaffold for the N-Terminal Intrinsically Disordered Regions of c-Src. <i>Structure</i> , <b>2015</b> , 23, 893-902	5.2	23
129	A Three-protein Charge Zipper Stabilizes a Complex Modulating Bacterial Gene Silencing. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 21200-12	5.4	12
128	An intrinsically disordered region of RPN10 plays a key role in restricting ubiquitin chain elongation in RPN10 monoubiquitination. <i>Biochemical Journal</i> , <b>2015</b> , 469, 455-67	3.8	3
127	An optimized method for (15)N R(1) relaxation rate measurements in non-deuterated proteins. <i>Journal of Biomolecular NMR</i> , <b>2015</b> , 62, 209-20	3	10
126	Self-assembled trityl radical capsules--implications for dynamic nuclear polarization. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 5785-94	3.6	17
125	The (13)C solid DNP mechanisms with perchlorotriphenylmethyl radicals--the role of (35,37)Cl. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 19218-28	3.6	8
124	Evidence for moonlighting functions of the $\beta$ subunit of Escherichia coli DNA polymerase III. <i>Journal of Bacteriology</i> , <b>2014</b> , 196, 1102-12	3.5	5
123	Novel PTM-TEMPO biradical for fast dissolution dynamic nuclear polarization. <i>Organic Letters</i> , <b>2014</b> , 16, 5402-5	6.2	13
122	Phosphorylation of unique domains of Src family kinases. <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 181	4.5	46
121	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> , <b>2013</b> , 425, 2347-58	6.5	19
120	Lipid binding by the Unique and SH3 domains of c-Src suggests a new regulatory mechanism. <i>Scientific Reports</i> , <b>2013</b> , 3, 1295	4.9	57
119	Long-lived states in an intrinsically disordered protein domain. <i>Magnetic Resonance in Chemistry</i> , <b>2013</b> , 51, 729-33	2.1	9
118	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> , <b>2013</b> , 280, 2916-28	5.7	13

117	Protein functional dynamics in multiple timescales as studied by NMR spectroscopy. <i>Advances in Protein Chemistry and Structural Biology</i> , <b>2013</b> , 92, 219-51	5.3	10
116	Multi-phosphorylation of the intrinsically disordered unique domain of c-Src studied by in-cell and real-time NMR spectroscopy. <i>ChemBioChem</i> , <b>2013</b> , 14, 1820-7	3.8	45
115	Oligomerization and DNA binding of Ler, a master regulator of pathogenicity of enterohemorrhagic and enteropathogenic Escherichia coli. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 10254-62	20.1	12
114	NMR Spectroscopy in Solution <b>2012</b> ,		1
113	Meta-structure correlation in protein space unveils different selection rules for folded and intrinsically disordered proteins. <i>Molecular BioSystems</i> , <b>2012</b> , 8, 411-6		11
112	Essential residues in the H-NS binding site of Hha, a co-regulator of horizontally acquired genes in Enterobacteria. <i>FEBS Letters</i> , <b>2011</b> , 585, 1765-70	3.8	10
111	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> , <b>2011</b> , 40, 1327-38	1.9	14
110	Correlation of the EPR properties of perchlorotriphenylmethyl radicals and their efficiency as DNP polarizers. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 18626-37	3.6	14
109	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> , <b>2011</b> , 7, e1002380	7.6	43
108	Isonicotinic acid hydrazide conversion to Isonicotinyl-NAD by catalase-peroxidases. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 26662-73	5.4	47
107	Structure-function perturbation and dissociation of tetrameric urate oxidase by high hydrostatic pressure. <i>Biophysical Journal</i> , <b>2010</b> , 98, 2365-73	2.9	48
106	Structure and Dynamics of Ribosomal Protein L12: An Ensemble Model Based on SAXS and NMR Relaxation. <i>Biophysical Journal</i> , <b>2010</b> , 98, 2374-82	2.9	58
105	Polychlorinated trityl radicals for dynamic nuclear polarization: the role of chlorine nuclei. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 5824-9	3.6	16
104	Dynamic Nuclear Polarization with Polychlorotriphenylmethyl Radicals: Supramolecular Polarization-Transfer Effects. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 3432-3434	3.6	2
103	Dynamic nuclear polarization with polychlorotriphenylmethyl radicals: supramolecular polarization-transfer effects. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 3360-2	16.4	20
102	Structuring Chemical Space: Similarity-Based Characterization of the PubChem Database. <i>Molecular Informatics</i> , <b>2010</b> , 29, 37-49	3.8	6
101	Differential regulation of horizontally acquired and core genome genes by the bacterial modulator H-NS. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000513	6	85
100	N9L and L9N mutations toggle Hha binding and hemolysin regulation by Escherichia coli and Vibrio cholerae H-NS. <i>FEBS Letters</i> , <b>2009</b> , 583, 2911-6	3.8	7

99	An improved scoring function for suboptimal polar ligand complexes. <i>Journal of Computer-Aided Molecular Design</i> , <b>2009</b> , 23, 143-52	4.2	3
98	Structural characterization of unphosphorylated STAT5a oligomerization equilibrium in solution by small-angle X-ray scattering. <i>Protein Science</i> , <b>2009</b> , 18, 716-26	6.3	18
97	Weak oligomerization of low-molecular-weight protein tyrosine phosphatase is conserved from mammals to bacteria. <i>FEBS Journal</i> , <b>2009</b> , 276, 4346-57	5.7	8
96	Dynamic interactions of proteins in complex networks: a more structured view. <i>FEBS Journal</i> , <b>2009</b> , 276, 5390-405	5.7	81
95	Low-resolution structures of transient protein-protein complexes using small-angle X-ray scattering. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4378-86	16.4	55
94	Uroporphyrinogen III synthase mutations related to congenital erythropoietic porphyria identify a key helix for protein stability. <i>Biochemistry</i> , <b>2009</b> , 48, 454-61	3.2	30
93	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> , <b>2009</b> , 391, 136-48	6.5	57
92	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> , <b>2008</b> , 582, 3139-44	3.8	9
91	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> , <b>2008</b> , 376, 492-505	6.5	45
90	Low-molecular-weight spies of protein-protein interactions. <i>Comptes Rendus Chimie</i> , <b>2008</b> , 11, 499-505	2.7	4
89	Protein tyrosine phosphatase oligomerization studied by a combination of <sup>15</sup> N NMR relaxation and <sup>129</sup> Xe NMR. Effect of buffer containing arginine and glutamic acid. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 5946-53	16.4	16
88	Structure-based discovery of new small molecule inhibitors of low molecular weight protein tyrosine phosphatase. <i>European Journal of Medicinal Chemistry</i> , <b>2007</b> , 42, 1102-8	6.8	25
87	Molecular evolution of the H-NS protein: interaction with Hha-like proteins is restricted to enterobacteriaceae. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 265-8	3.5	28
86	Influence of the Hofmeister anions on protein stability as studied by thermal denaturation and chemical shift perturbation. <i>Biochemistry</i> , <b>2007</b> , 46, 917-23	3.2	67
85	Nomen Est Omen: Quantitative Prediction of Molecular Properties Directly from IUPAC Names. <i>The Open Applied Informatics Journal</i> , <b>2007</b> , 1, 28-32		9
84	Fast 2D NMR ligand screening using Hadamard spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 7146-7	16.4	20
83	A novel search engine for virtual screening of very large databases. <i>Journal of Chemical Information and Modeling</i> , <b>2006</b> , 46, 836-43	6.1	40
82	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> , <b>2006</b> , 359, 679-89	6.5	21

81	On the origin of the thermostabilization of proteins induced by sodium phosphate. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 9690-1	16.4	20
80	Peptide and amide bond-containing dendrimers. <i>Chemical Reviews</i> , <b>2005</b> , 105, 1663-81	68.1	296
79	LINGO, an efficient holographic text based method to calculate biophysical properties and intermolecular similarities. <i>Journal of Chemical Information and Modeling</i> , <b>2005</b> , 45, 386-93	6.1	135
78	Hydrodynamic models and computational methods for NMR relaxation. <i>Methods in Enzymology</i> , <b>2005</b> , 394, 419-30	1.7	10
77	Interaction between the bacterial nucleoid associated proteins Hha and H-NS involves a conformational change of Hha. <i>Biochemical Journal</i> , <b>2005</b> , 388, 755-62	3.8	29
76	Interpretation of NMR relaxation properties of Pin1, a two-domain protein, based on Brownian dynamic simulations. <i>Journal of Biomolecular NMR</i> , <b>2004</b> , 29, 21-35	3	25
75	Macromolecular crowding in biological systems: hydrodynamics and NMR methods. <i>Journal of Molecular Recognition</i> , <b>2004</b> , 17, 397-407	2.6	45
74	Evaluation of chiral recognition ability of a novel uranyl-salophen-based receptor: an easy and rapid testing protocol. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 3301-7	4.8	22
73	A new class of foldamers based on cis-gamma-amino-L-proline. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 6048-57	16.4	92
72	Peptide binding induces large scale changes in inter-domain mobility in human Pin1. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 26174-82	5.4	79
71	Saturated resins or stress of the resin. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 1751-1754	2	14
70	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> , <b>2003</b> , 125, 916-23	16.4	37
69	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> , <b>2003</b> , 125, 8726-7	16.4	37
68	Separation of cross-relaxation and exchange in two-site spin systems without resolved couplings. <i>Applied Magnetic Resonance</i> , <b>2002</b> , 22, 431-438	0.8	5
67	Structural, kinetic and cytotoxicity aspects of 12-28 beta-amyloid protein fragment: a reappraisal. <i>Journal of Peptide Science</i> , <b>2002</b> , 8, 578-88	2.1	21
66	Interpretation of <sup>15</sup> N NMR relaxation data of globular proteins using hydrodynamic calculations with HYDRONMR. <i>Journal of Biomolecular NMR</i> , <b>2002</b> , 23, 139-50	3	73
65	Lanthanide modulation of the orientation of macromolecules induced by purple membrane. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 374-5	16.4	10
64	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> , <b>2002</b> , 67, 566-75	4.2	20

63	Peptide dendrimers based on polyproline helices. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 8876-83	16.4	104
62	NMR measurement of the off rate from the first calcium-binding site of the synaptotagmin I C2A domain. <i>FEBS Letters</i> , <b>2002</b> , 516, 93-6	3.8	22
61	Supramolecular properties of the proline-rich gamma-Zein N-terminal domain. <i>Biophysical Journal</i> , <b>2002</b> , 83, 1194-204	2.9	46
60	Self-assembly of synthetic peptides: Formation of amphipathic surfaces and head-to-tail self-assembly <b>2002</b> , 316-317		
59	Disulfide Bond Based Self-Assembly of Peptides Leading To Spheroidal Cyclic Trimers <b>2002</b> , 243-256		
58	Dynamic NMR studies of supramolecular complexes. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , <b>2001</b> , 38, 267-324	10.4	118
57	Massive docking of flexible ligands using environmental niches in parallelized genetic algorithms. <i>Journal of Computational Chemistry</i> , <b>2001</b> , 22, 1971-1982	3.5	19
56	A graphical method for the analysis of anisotropic rotational diffusion in proteins. <i>Journal of Biomolecular NMR</i> , <b>2001</b> , 19, 181-5	3	2
55	Self-assembly of the amphipathic helix (VHLPPP) <sub>8</sub> . A mechanism for zein protein body formation. <i>Journal of Molecular Biology</i> , <b>2001</b> , 312, 907-13	6.5	46
54	Isolation of two regioisomers of a triad of C <sub>60</sub> based on a tetrathiafulvalene derivative: HMBC NMR as a useful tool for their characterisation. <i>Synthetic Metals</i> , <b>2001</b> , 123, 523-527	3.6	5
53	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> , <b>2001</b> , 123, 12037-47	16.4	51
52	Stereoisomerism of molecular multipropellers. 2. Dynamic stereochemistry of bis- and tris-triaryl systems. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 1579-89	4.2	16
51	Stereoisomerism of molecular multipropellers. 1. Static stereochemistry of bis- and tris-triaryl systems. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 1567-78	4.2	13
50	Disulfide Bonded Cyclic Peptide Dimers and Trimers: An Easy Entry to High Symmetry Peptide Frameworks. <i>Synlett</i> , <b>2000</b> , 2000, 172-181	2.2	7
49	The Static Magnetic Field Dependence of Chemical Exchange Linebroadening Defines the NMR Chemical Shift Time Scale. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 2867-2877	16.4	294
48	An easy NMR method to study the formation of parallel $\beta$ -sheets in peptide aggregates. <i>International Journal of Peptide Research and Therapeutics</i> , <b>1999</b> , 6, 247-253		
47	An easy NMR method to study the formation of parallel $\beta$ -sheets in peptide aggregates. <i>International Journal of Peptide Research and Therapeutics</i> , <b>1999</b> , 6, 247-253		
46	Measurement of relaxation rates of N(H) and H(alpha) backbone protons in proteins with tailored initial conditions. <i>Journal of Magnetic Resonance</i> , <b>1999</b> , 139, 434-8	3	4

45	Molecular dynamics study of kaliotoxin in water. <i>International Journal of Biological Macromolecules</i> , <b>1999</b> , 24, 1-9	7.9	2
44	Measurement of One Bond Dipolar Couplings through Lanthanide-Induced Orientation of a Calcium-Binding Protein. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8947-8948	16.4	40
43	Reversible Dimerization of Tetraureas Derived from Calix[4]Arenes <b>1999</b> , 45-60		7
42	A new method for measuring diffusion coefficients by 2D NMR using accordion spectroscopy. <i>Journal of Magnetic Resonance</i> , <b>1998</b> , 131, 166-9	3	16
41	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> , <b>1998</b> , 4, 101-10	2.1	4
40	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> , <b>1998</b> , 120, 1173-1178	16.4	12
39	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> , <b>1998</b> , 63, 1079-1085	4.2	12
38	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> , <b>1997</b> , 62, 4518-4520	4.2	66
37	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> , <b>1997</b> , 119, 5706-5712	16.4	143
36	Temperature coefficients of peptides dissolved in hexafluoroisopropanol monitor distortions of helices. <i>International Journal of Peptide Research and Therapeutics</i> , <b>1997</b> , 4, 29-39		5
35	3D structure of kaliotoxin: is residue 34 a key for channel selectivity? <b>1997</b> , 3, 314-319		28
34	Convergent Synthesis of Repeating Peptides (Val-X-Leu-Pro-Pro)(8) Adopting a Polyproline II Conformation. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 6775-6782	4.2	25
33	Conformation and Self-Association of a Hybrid Peptide of Cecropin A and Melittin with Improved Antibiotic Activity. <i>Chemistry - A European Journal</i> , <b>1996</b> , 2, 838-846	4.8	5
32	A Designed Non-Peptidic Receptor that Mimics the Phosphocholine Binding Site of the McPC603 Antibody. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 1712-1715		58
31	NMR characterization of self-association of a helical peptide using deuterium exchange experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1996</b> , 115, 39-45	5.1	3
30	Effect of succinylation on the membrane activity and conformation of a short cecropin A-melittin hybrid peptide. <i>Biopolymers</i> , <b>1994</b> , 34, 1251-8	2.2	14
29	Peptides in molecular recognition: synthetic and conformational aspects. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 1045-8	5.1	1
28	Design, synthesis, and complexing properties of (1Cys-1Scys,4Cys-4Scys)-dithiobis(Ac-L-1Cys-L-Pro-D-Val-L-4Cys-NH <sub>2</sub> ). The first example of a new family of ion-binding peptides. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 11663-11670	16.4	23



27	Unequivocal synthesis and characterization of a parallel and an antiparallel bis-cystine peptide. <i>Journal of Organic Chemistry</i> , <b>1993</b> , 58, 6319-6328	4.2	9
26	Strategies and tactics for the solid-phase synthesis of cystine-containing peptides <b>1993</b> , 19-23		1
25	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> , <b>1992</b> , 114, 7814-7821	16.4	40
24	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> , <b>1992</b> , 57, 6924-6931	4.2	46
23	Synthesis and ion-binding properties of an immobilized bis-cysteine peptide. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1992</b> , 2, 281-284	2.9	
22	Cyclization of disulfide-containing peptides in solid-phase synthesis. <i>International Journal of Peptide and Protein Research</i> , <b>1991</b> , 37, 402-13		70
21	Conformational analysis of bacitracin A, a naturally occurring lariat. <i>Biopolymers</i> , <b>1991</b> , 31, 605-12	2.2	7
20	A new ionizable chromophore of 1,4-bis(alkylamino)benzo[g]phthalazine which interacts with DNA by intercalation. <i>Journal of Medicinal Chemistry</i> , <b>1991</b> , 34, 82-6	8.3	21
19	Determination of interchain NOEs in symmetrical dimer peptides. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 5049-5050	16.4	5
18	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> , <b>1990</b> , 35, 434-40		8
17	The action of Triton X-100 and sodium dodecyl sulphate on lipid layers. Effect on monolayers and liposomes. <i>Journal of Microencapsulation</i> , <b>1990</b> , 7, 255-9	3.4	9
16	Convenient synthesis of a cyclic peptide disulfide: A type II Eurn structural model. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 2441-2444	2	31
15	Comparative study of supports for solid-phase coupling of protected-peptide segments. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 360-366	4.2	46
14	Uteroglobin-like peptide cavities I. Synthesis of antiparallel and parallel dimers of bis-cysteine peptides. <i>Tetrahedron Letters</i> , <b>1988</b> , 29, 3845-3848	2	30
13	Steady-state dqf-cosy spectra using a variable relaxation delay. <i>Journal of Magnetic Resonance</i> , <b>1988</b> , 78, 314-320		3
12	Conformational analysis of the repeated sequence of glutelin-2, a maize storage protein. <i>Magnetic Resonance in Chemistry</i> , <b>1987</b> , 25, 402-406	2.1	12
11	Use of lanthanide shift reagents to probe the conformation of fatty acids in solution by <sup>13</sup> C NMR. <i>Magnetic Resonance in Chemistry</i> , <b>1986</b> , 24, 612-615	2.1	
10	<sup>13</sup> C-NMR spectra of fluorinated molecules using <sup>19</sup> F- <sup>13</sup> C polarization transfer. <i>Tetrahedron Letters</i> , <b>1985</b> , 26, 2817-2820	2	6

9	Use of histidine pKa changes to study peptide-DNA interactions. <i>Bioorganic Chemistry</i> , <b>1985</b> , 13, 171-178	5.1	2
8	Conformational basis of N-glycosylation of proteins: conformational analysis of Ac-Asn-Ala-Thr-NH <sub>2</sub> . <i>International Journal of Biological Macromolecules</i> , <b>1983</b> , 5, 279-282	7.9	3
7	A <sup>13</sup> C-NMR study of 10,12-tricosadiynoic acid and the corresponding phospholipid and phospholipid polymer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1983</b> , 730, 306-312	3.8	16
6	The optical activity and circular dichroic spectra of diacetylenic phospholipid polymers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1982</b> , 693, 461-5	3.8	15
5	Studies of cellular metabolism in isolated intact bovine retinas by <sup>31</sup> P NMR. <i>FEBS Letters</i> , <b>1982</b> , 143, 293-5	3.8	6
4	A study of the spectra of diacetylenic phospholipid polymers in solvents and dispersions. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , <b>1982</b> , 20, 513-520		16
3	[(Phenylacetamido)benzylpolystyrene (pab-resin). <i>Tetrahedron</i> , <b>1981</b> , 37, 2007-2010	2.4	8
2	Phospholipid polymers--synthesis and spectral characteristics. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1980</b> , 602, 57-69	3.8	180
1	In-Cell NMR1-9		