

Miquel Pons

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2675605/publications.pdf>

Version: 2024-02-01

154
papers

5,063
citations

87888

38
h-index

110387

64
g-index

169
all docs

169
docs citations

169
times ranked

5844
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Src tumor activity by its N-terminal intrinsically disordered region. <i>Oncogene</i> , 2022, 41, 960-970.	5.9	8
2	A FRET-Based Biosensor for the Src N-Terminal Regulatory Element. <i>Biosensors</i> , 2022, 12, 96.	4.7	1
3	A Methionine Chemical Shift Based Order Parameter Characterizing Global Protein Dynamics. <i>ChemBioChem</i> , 2021, 22, 1001-1004.	2.6	7
4	Basic Residue Clusters in Intrinsically Disordered Regions of Peripheral Membrane Proteins: Modulating 2D Diffusion on Cell Membranes. <i>Physchem</i> , 2021, 1, 152-162.	1.1	3
5	A “Russian Doll” Approach to More Efficient Acquisition of IDP NMR Spectra. <i>Biophysical Journal</i> , 2019, 117, 1-2.	0.5	10
6	Integrating disorder in globular multidomain proteins: Fuzzy sensors and the role of SH3 domains. <i>Archives of Biochemistry and Biophysics</i> , 2019, 677, 108161.	3.0	15
7	DNA specificities modulate the binding of human transcription factor A to mitochondrial DNA control region. <i>Nucleic Acids Research</i> , 2019, 47, 6519-6537.	14.5	17
8	The disordered boundary of the cell: emerging properties of membrane-bound intrinsically disordered proteins. <i>Biomolecular Concepts</i> , 2019, 10, 25-36.	2.2	10
9	A Myristoyl-Binding Site in the SH3 Domain Modulates c-Src Membrane Anchoring. <i>IScience</i> , 2019, 12, 194-203.	4.1	26
10	<i>Cis</i> and <i>trans</i> proline isomers in the catalytic domain of calcineurin. <i>FEBS Journal</i> , 2019, 286, 1230-1239.	4.7	6
11	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.	3.3	16
12	The Two Isoforms of Lyn Display Different Intramolecular Fuzzy Complexes with the SH3 Domain. <i>Molecules</i> , 2018, 23, 2731.	3.8	13
13	Structure-Based Design of MtpB Inhibitors That Reduce Multidrug-Resistant <i>Mycobacterium tuberculosis</i> Survival and Infection Burden in Vivo. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8337-8352.	6.4	35
14	Intramolecular Fuzzy Interactions Involving Intrinsically Disordered Domains. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 39.	3.5	66
15	Farseer-NMR: automatic treatment, analysis and plotting of large, multi-variable NMR data. <i>Journal of Biomolecular NMR</i> , 2018, 71, 1-9.	2.8	8
16	NMR signal enhancement of >50,000 times in fast dissolution dynamic nuclear polarization. <i>Chemical Communications</i> , 2017, 53, 3757-3760.	4.1	18
17	The Unique Domain Forms a Fuzzy Intramolecular Complex in Src Family Kinases. <i>Structure</i> , 2017, 25, 630-640.e4.	3.3	72
18	An oxygen-sensitive toxin-antitoxin system. <i>Nature Communications</i> , 2016, 7, 13634.	12.8	63

#	ARTICLE	IF	CITATIONS
19	A C ² H ² C zinc finger is essential for the RING-E2 interaction of the ubiquitin ligase RNF125. <i>Scientific Reports</i> , 2016, 6, 29232.	3.3	20
20	Single molecule fluorescence reveals dimerization of myristoylated Src N-terminal region on supported lipid bilayers. <i>ChemistrySelect</i> , 2016, 1, 642-647.	1.5	14
21	N ^ε -Lauroylation during the Expression of Recombinant N ^ε -Myristoylated Proteins: Implications and Solutions. <i>ChemBioChem</i> , 2016, 17, 82-89.	2.6	4
22	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.	5.0	19
23	Paramagnetic spherical nanoparticles by the self-assembly of persistent trityl radicals. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3151-3158.	2.8	21
24	An intrinsically disordered region of RPN10 plays a key role in restricting ubiquitin chain elongation in RPN10 monoubiquitination. <i>Biochemical Journal</i> , 2015, 469, 455-467.	3.7	3
25	An optimized method for ¹⁵ N R1 relaxation rate measurements in non-deuterated proteins. <i>Journal of Biomolecular NMR</i> , 2015, 62, 209-220.	2.8	16
26	Self-assembled trityl radical capsules – implications for dynamic nuclear polarization. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 5785-5794.	2.8	20
27	Improved Stability and Spectral Quality in Ex Situ Dissolution DNP Using an Improved Transfer Device. <i>Applied Magnetic Resonance</i> , 2015, 46, 723-729.	1.2	24
28	The SH3 Domain Acts as a Scaffold for the N-Terminal Intrinsically Disordered Regions of c-Src. <i>Structure</i> , 2015, 23, 893-902.	3.3	36
29	A Three-protein Charge Zipper Stabilizes a Complex Modulating Bacterial Gene Silencing. <i>Journal of Biological Chemistry</i> , 2015, 290, 21200-21212.	3.4	18
30	Phosphorylation of unique domains of Src family kinases. <i>Frontiers in Genetics</i> , 2014, 5, 181.	2.3	74
31	The ¹³ C solid DNP mechanisms with perchlorotriphenylmethyl radicals – the role of ^{35,37} Cl. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19218-19228.	2.8	9
32	Evidence for Moonlighting Functions of the β Subunit of Escherichia coli DNA Polymerase III. <i>Journal of Bacteriology</i> , 2014, 196, 1102-1112.	2.2	6
33	Novel PTM – TEMPO Biradical for Fast Dissolution Dynamic Nuclear Polarization. <i>Organic Letters</i> , 2014, 16, 5402-5405.	4.6	14
34	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, 2347-2358.	4.2	21
35	Lipid binding by the Unique and SH3 domains of c-Src suggests a new regulatory mechanism. <i>Scientific Reports</i> , 2013, 3, 1295.	3.3	84
36	Long-lived states in an intrinsically disordered protein domain. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 729-733.	1.9	9

#	ARTICLE	IF	CITATIONS
37	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, 2916-2928.	4.7	15
38	Protein Functional Dynamics in Multiple Timescales as Studied by NMR Spectroscopy. <i>Advances in Protein Chemistry and Structural Biology</i> , 2013, 92, 219-251.	2.3	14
39	Multi-phosphorylation of the Intrinsically Disordered Unique Domain of Src Studied by In-Cell and Real-Time NMR Spectroscopy. <i>ChemBioChem</i> , 2013, 14, 1820-1827.	2.6	56
40	Oligomerization and DNA binding of Ler, a master regulator of pathogenicity of enterohemorrhagic and enteropathogenic <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2012, 40, 10254-10262.	14.5	14
41	Meta-structure correlation in protein space unveils different selection rules for folded and intrinsically disordered proteins. <i>Molecular BioSystems</i> , 2012, 8, 411-416.	2.9	12
42	Correlation of the EPR properties of perchlorotriphenylmethyl radicals and their efficiency as DNP polarizers. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 18626.	2.8	16
43	Essential residues in the H-NS binding site of Hha, a co-regulator of horizontally acquired genes in <i>Enterobacteria</i> . <i>FEBS Letters</i> , 2011, 585, 1765-1770.	2.8	11
44	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, 1327-1338.	2.2	15
45	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.	4.7	53
46	Dynamic Nuclear Polarization with Polychlorotriphenylmethyl Radicals: Supramolecular Polarization Transfer Effects. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3360-3362.	13.8	22
47	Structuring Chemical Space: Similarity-Based Characterization of the PubChem Database. <i>Molecular Informatics</i> , 2010, 29, 37-49.	2.5	8
48	Isonicotinic Acid Hydrazide Conversion to Isonicotinyl-NAD by Catalase-peroxidases. <i>Journal of Biological Chemistry</i> , 2010, 285, 26662-26673.	3.4	55
49	Structure-Function Perturbation and Dissociation of Tetrameric Urate Oxidase by High Hydrostatic Pressure. <i>Biophysical Journal</i> , 2010, 98, 2365-2373.	0.5	53
50	Structure and Dynamics of Ribosomal Protein L12: An Ensemble Model Based on SAXS and NMR Relaxation. <i>Biophysical Journal</i> , 2010, 98, 2374-2382.	0.5	67
51	Polychlorinated trityl radicals for dynamic nuclear polarization: the role of chlorine nuclei. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 5824.	2.8	20
52	Differential Regulation of Horizontally Acquired and Core Genome Genes by the Bacterial Modulator H-NS. <i>PLoS Genetics</i> , 2009, 5, e1000513.	3.5	98
53	N9L and L9N mutations toggle Hha binding and hemolysin regulation by <i>Escherichia coli</i> and <i>Vibrio cholerae</i> H-NS. <i>FEBS Letters</i> , 2009, 583, 2911-2916.	2.8	8
54	An improved scoring function for suboptimal polar ligand complexes. <i>Journal of Computer-Aided Molecular Design</i> , 2009, 23, 143-152.	2.9	3

#	ARTICLE	IF	CITATIONS
55	Structural characterization of unphosphorylated STAT5a oligomerization equilibrium in solution by small-angle X-ray scattering. <i>Protein Science</i> , 2009, 18, 716-726.	7.6	26
56	Weak oligomerization of low-molecular-weight protein tyrosine phosphatase is conserved from mammals to bacteria. <i>FEBS Journal</i> , 2009, 276, 4346-4357.	4.7	8
57	Dynamic interactions of proteins in complex networks: a more structured view. <i>FEBS Journal</i> , 2009, 276, 5390-5405.	4.7	104
58	Low-Resolution Structures of Transient Protein-Protein Complexes Using Small-Angle X-ray Scattering. <i>Journal of the American Chemical Society</i> , 2009, 131, 4378-4386.	13.7	59
59	Uroporphyrinogen III Synthase Mutations Related to Congenital Erythropoietic Porphyria Identify a Key Helix for Protein Stability. <i>Biochemistry</i> , 2009, 48, 454-461.	2.5	31
60	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, 136-148.	4.2	74
61	Low-molecular-weight spies of protein-protein interactions. <i>Comptes Rendus Chimie</i> , 2008, 11, 499-505.	0.5	4
62	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, 3139-3144.	2.8	9
63	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.	4.2	49
64	Molecular Evolution of the H-NS Protein: Interaction with Hha-Like Proteins Is Restricted to Enterobacteriaceae. <i>Journal of Bacteriology</i> , 2007, 189, 265-268.	2.2	32
65	Influence of the Hofmeister Anions on Protein Stability As Studied by Thermal Denaturation and Chemical Shift Perturbation. <i>Biochemistry</i> , 2007, 46, 917-923.	2.5	72
66	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, 5946-5953.	13.7	16
67	Structure-based discovery of new small molecule inhibitors of low molecular weight protein tyrosine phosphatase. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 1102-1108.	5.5	28
68	Nomen Est Omen: Quantitative Prediction of Molecular Properties Directly from IUPAC Names. <i>The Open Applied Informatics Journal</i> , 2007, 1, 28-32.	1.0	12
69	Fast 2D NMR Ligand Screening Using Hadamard Spectroscopy. <i>Journal of the American Chemical Society</i> , 2006, 128, 7146-7147.	13.7	21
70	A Novel Search Engine for Virtual Screening of Very Large Databases. <i>Journal of Chemical Information and Modeling</i> , 2006, 46, 836-843.	5.4	44
71	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, 679-689.	4.2	23
72	Interaction between the bacterial nucleoid associated proteins Hha and H-NS involves a conformational change of Hha. <i>Biochemical Journal</i> , 2005, 388, 755-762.	3.7	30

#	ARTICLE	IF	CITATIONS
73	Peptide and Amide Bond Containing Dendrimers. ChemInform, 2005, 36, no.	0.0	0
74	On the Origin of the Thermostabilization of Proteins Induced by Sodium Phosphate. Journal of the American Chemical Society, 2005, 127, 9690-9691.	13.7	24
75	Peptide and Amide Bond-Containing Dendrimers. Chemical Reviews, 2005, 105, 1663-1682.	47.7	321
76	LINGO, an Efficient Holographic Text Based Method To Calculate Biophysical Properties and Intermolecular Similarities. Journal of Chemical Information and Modeling, 2005, 45, 386-393.	5.4	163
77	Hydrodynamic Models and Computational Methods for NMR Relaxation. Methods in Enzymology, 2005, 394, 419-430.	1.0	10
78	Interpretation of NMR relaxation properties of Pin1, a two-domain protein, based on Brownian dynamic simulations. Journal of Biomolecular NMR, 2004, 29, 21-35.	2.8	27
79	Macromolecular crowding in biological systems: hydrodynamics and NMR methods. Journal of Molecular Recognition, 2004, 17, 397-407.	2.1	47
80	Evaluation of Chiral Recognition Ability of a Novel Uranyl- β -Salophen-Based Receptor: An Easy and Rapid Testing Protocol. Chemistry - A European Journal, 2004, 10, 3301-3307.	3.3	23
81	A New Class of Foldamers Based on β -Amino-L-proline. Journal of the American Chemical Society, 2004, 126, 6048-6057.	13.7	97
82	Saturated resins or stress of the resin. Tetrahedron Letters, 2003, 44, 1751-1754.	1.4	15
83	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. Journal of the American Chemical Society, 2003, 125, 916-923.	13.7	38
84	NMR-Spectroscopic Mapping of an Engineered Cavity in the I14A Mutant of HPr from <i>Staphylococcus carnosus</i> Using Xenon. Journal of the American Chemical Society, 2003, 125, 8726-8727.	13.7	37
85	Peptide Binding Induces Large Scale Changes in Inter-domain Mobility in Human Pin1. Journal of Biological Chemistry, 2003, 278, 26174-26182.	3.4	87
86	Lanthanide Modulation of the Orientation of Macromolecules Induced by Purple Membrane. Journal of the American Chemical Society, 2002, 124, 374-375.	13.7	12
87	Isolation and Characterization of Four Isomers of a C60Bisadduct with a TTF Derivative. Study of Their Radical Ions. Journal of Organic Chemistry, 2002, 67, 566-575.	3.2	22
88	Peptide Dendrimers Based on Polyproline Helices. Journal of the American Chemical Society, 2002, 124, 8876-8883.	13.7	111
89	NMR measurement of the off rate from the first calcium-binding site of the synaptotagmin I C2A domain. FEBS Letters, 2002, 516, 93-96.	2.8	26
90	Supramolecular Properties of the Proline-Rich β -Zein N-Terminal Domain. Biophysical Journal, 2002, 83, 1194-1204.	0.5	50

#	ARTICLE	IF	CITATIONS
91	Separation of cross-relaxation and exchange in two-site spin systems without resolved couplings. Applied Magnetic Resonance, 2002, 22, 431-438.	1.2	5
92	Structural, kinetic and cytotoxicity aspects of 12-28 β -amyloid protein fragment: a reappraisal. Journal of Peptide Science, 2002, 8, 578-588.	1.4	22
93	Interpretation of ^{15}N NMR relaxation data of globular proteins using hydrodynamic calculations with HYDRONMR. Journal of Biomolecular NMR, 2002, 23, 139-150.	2.8	76
94	Self-assembly of synthetic peptides: Formation of amphipathic surfaces and head-to-tail self-assembly. , 2002, , 316-317.		0
95	Disulfide Bond Based Self-Assembly of Peptides Leading To Spheroidal Cyclic Trimers. , 2002, , 243-256.		0
96	Self-assembly of the amphipathic helix (VHLPPP) ₈ . A mechanism for zein protein body formation ¹¹ Edited by W. Baumeister. Journal of Molecular Biology, 2001, 312, 907-913.	4.2	52
97	Isolation of two regioisomers of a triad of C ₆₀ based on a tetrathiafulvalene derivative. Synthetic Metals, 2001, 123, 523-527.	3.9	6
98	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. Journal of the American Chemical Society, 2001, 123, 12037-12047.	13.7	54
99	Stereoisomerism of Molecular Multipropellers. 2. Dynamic Stereochemistry of Bis- and Tris-Triaryl Systems. Journal of Organic Chemistry, 2001, 66, 1579-1589.	3.2	20
100	Stereoisomerism of Molecular Multipropellers. 1. Static Stereochemistry of Bis- and Tris-triaryl Systems. Journal of Organic Chemistry, 2001, 66, 1567-1578.	3.2	19
101	Dynamic NMR studies of supramolecular complexes. Progress in Nuclear Magnetic Resonance Spectroscopy, 2001, 38, 267-324.	7.5	132
102	Massive docking of flexible ligands using environmental niches in parallelized genetic algorithms. Journal of Computational Chemistry, 2001, 22, 1971-1982.	3.3	19
103	A graphical method for the analysis of anisotropic rotational diffusion in proteins. Journal of Biomolecular NMR, 2001, 19, 181-185.	2.8	2
104	Disulfide Bonded Cyclic Peptide Dimers and Trimers: An Easy Entry to High Symmetry Peptide Frameworks. Synlett, 2000, 2000, 172-181.	1.8	8
105	The Static Magnetic Field Dependence of Chemical Exchange Linebroadening Defines the NMR Chemical Shift Time Scale. Journal of the American Chemical Society, 2000, 122, 2867-2877.	13.7	316
106	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.	0.1	0
107	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.	0.1	1
108	Measurement of Relaxation Rates of NH and H α Backbone Protons in Proteins with Tailored Initial Conditions. Journal of Magnetic Resonance, 1999, 139, 434-438.	2.1	5

#	ARTICLE	IF	CITATIONS
109	Molecular dynamics study of kaliotoxin in water. <i>International Journal of Biological Macromolecules</i> , 1999, 24, 1-9.	7.5	2
110	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.	13.7	41
111	Reversible Dimerization of Tetraureas Derived from Calix[4]Arenes. , 1999, , 45-60.		7
112	A New Method for Measuring Diffusion Coefficients by 2D NMR using Accordion Spectroscopy. <i>Journal of Magnetic Resonance</i> , 1998, 131, 166-169.	2.1	17
113	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. , 1998, 4, 101-110.		4
114	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, 6639-6650.	13.7	17
115	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.	3.2	15
116	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.	3.2	70
117	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.	13.7	166
118	Temperature coefficients of peptides dissolved in hexafluoroisopropanol monitor distortions of helices. <i>International Journal of Peptide Research and Therapeutics</i> , 1997, 4, 29-39.	0.1	6
119	3D structure of kaliotoxin: is residue 34 a key for channel selectivity?. , 1997, 3, 314-319.		33
120	Convergent Synthesis of Repeating Peptides (Val-X-Leu-Pro-Pro-Pro) ₈ Adopting a Polyproline II Conformation. <i>Journal of Organic Chemistry</i> , 1996, 61, 6775-6782.	3.2	27
121	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.	3.3	5
122	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.	4.4	62
123	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.	4.7	3
124	Effect of succinylation on the membrane activity and conformation of a short cecropin A-melittin hybrid peptide. <i>Biopolymers</i> , 1994, 34, 1251-1258.	2.4	15
125	Peptides in molecular recognition: synthetic and conformational aspects. <i>Biochemical Society Transactions</i> , 1994, 22, 1045-1048.	3.4	1
126	Design, synthesis, and complexing properties of (1Cys-1'Cys,4Cys-4'Cys)-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.	13.7	27

#	ARTICLE	IF	CITATIONS
127	Unequivocal synthesis and characterization of a parallel and an antiparallel bis-cystine peptide. <i>Journal of Organic Chemistry</i> , 1993, 58, 6319-6328.	3.2	13
128	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.	13.7	47
129	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.	3.2	55
130	Synthesis and ion-binding properties of an immobilized bis-cysteine peptide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 281-284.	2.2	0
131	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, 82-86.	6.4	21
132	Determination of interchain NOEs in symmetrical dimer peptides. <i>Journal of the American Chemical Society</i> , 1991, 113, 5049-5050.	13.7	6
133	Conformational analysis of bacitracin A, a naturally occurring lariat. <i>Biopolymers</i> , 1991, 31, 605-612.	2.4	8
134	Cyclization of disulfide-containing peptides in solid-phase synthesis. <i>International Journal of Peptide and Protein Research</i> , 1991, 37, 402-413.	0.1	85
135	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, 255-259.	2.8	10
136	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, 434-440.	0.1	11
137	Convenient synthesis of a cyclic peptide disulfide: A type II $\hat{\gamma}$ -turn structural model. <i>Tetrahedron Letters</i> , 1989, 30, 2441-2444.	1.4	35
138	Comparative study of supports for solid-phase coupling of protected-peptide segments. <i>Journal of Organic Chemistry</i> , 1989, 54, 360-366.	3.2	51
139	Uteroglobin-like peptide cavities I. Synthesis of antiparallel and parallel dimers of bis-cysteine peptides. <i>Tetrahedron Letters</i> , 1988, 29, 3845-3848.	1.4	34
140	Steady-state dqf-cosy spectra using a variable relaxation delay. <i>Journal of Magnetic Resonance</i> , 1988, 78, 314-320.	0.5	3
141	Conformational analysis of the repeated sequence of glutelin-2, a maize storage protein. <i>Magnetic Resonance in Chemistry</i> , 1987, 25, 402-406.	1.9	12
142	Use of lanthanide shift reagents to probe the conformation of fatty acids in solution by ^{13}C NMR. <i>Magnetic Resonance in Chemistry</i> , 1986, 24, 612-615.	1.9	0
143	^{13}C -NMR spectra of fluorinated molecules using ^{19}F - ^{13}C polarization transfer. <i>Tetrahedron Letters</i> , 1985, 26, 2817-2820.	1.4	6
144	Use of histidine pKa changes to study peptide-DNA interactions. <i>Bioorganic Chemistry</i> , 1985, 13, 171-178.	4.1	2

#	ARTICLE	IF	CITATIONS
145	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.	7.5	4
146	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.	2.6	21
147	The optical activity and circular dichroic spectra of diacetylenic phospholipid polymers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 693, 461-465.	2.6	20
148	Studies of cellular metabolism in isolated intact bovine retinas by ³¹ P NMR. <i>FEBS Letters</i> , 1982, 143, 293-295.	2.8	6
149	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.	0.8	20
150	Î±-(Phenylacetamido)benzylpolystyrene (pab-resin). <i>Tetrahedron</i> , 1981, 37, 2007-2010.	1.9	12
151	Phospholipid polymersâ€™ Synthesis and spectral characteristics. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 602, 57-69.	2.6	211
152	Lipid Binding by Disordered Proteins. <i>Protocol Exchange</i> , 0, , .	0.3	6
153	A Myristoyl Binding Site in the SH3 Domain Modulates c-Src Membrane Anchoring. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
154	Editorial: Fuzzy Interactions: Many Facets of Protein Binding. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	3.5	3