

# Vladimir Sklenar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2388848/publications.pdf>

Version: 2024-02-01

130  
papers

9,705  
citations

76326

40  
h-index

36028

97  
g-index

133  
all docs

133  
docs citations

133  
times ranked

7499  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gradient-tailored excitation for single-quantum NMR spectroscopy of aqueous solutions. <i>Journal of Biomolecular NMR</i> , 1992, 2, 661-665.	2.8	3,612
2	Gradient-Tailored Water Suppression for <sup>1</sup> H- <sup>15</sup> N HSQC Experiments Optimized to Retain Full Sensitivity. <i>Journal of Magnetic Resonance Series A</i> , 1993, 102, 241-245.	1.6	1,038
3	Assignment of the <sup>31</sup> P and <sup>1</sup> H resonances in oligonucleotides by two-dimensional NMR spectroscopy. <i>FEBS Letters</i> , 1986, 208, 94-98.	2.8	339
4	Localization of ammonium ions in the minor groove of DNA duplexes in solution and the origin of DNA A-tract bending 1 1Edited by I. Tinoco. <i>Journal of Molecular Biology</i> , 1999, 286, 651-660.	4.2	205
5	Formation of a stable triplex from a single DNA strand. <i>Nature</i> , 1990, 345, 836-838.	27.8	168
6	Binding sites and dynamics of ammonium ions in a telomere repeat DNA quadruplex 1 1Edited by I. Tinoco. <i>Journal of Molecular Biology</i> , 1999, 285, 233-243.	4.2	156
7	DNA A-tract bending in three dimensions: Solving the dA4T4 vs. dT4A4 conundrum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1177-1182.	7.1	140
8	Measurement of proton-phosphorus-31 NMR coupling constants in double-stranded DNA fragments. <i>Journal of the American Chemical Society</i> , 1987, 109, 7525-7526.	13.7	133
9	Proton nuclear magnetic resonance assignments and structural characterization of an intramolecular DNA triplex. <i>Journal of Molecular Biology</i> , 1992, 225, 755-773.	4.2	131
10	Spin-echo water suppression for the generation of pure-phase two-dimensional NMR spectra. <i>Journal of Magnetic Resonance</i> , 1987, 74, 469-479.	0.5	130
11	Suppression of Radiation Damping in Multidimensional NMR Experiments Using Magnetic Field Gradients. <i>Journal of Magnetic Resonance Series A</i> , 1995, 114, 132-135.	1.6	122
12	Water suppression in two-dimensional spin-locked NMR experiments using a novel phase-cycling procedure. <i>Journal of the American Chemical Society</i> , 1987, 109, 6511-6513.	13.7	112
13	Two-and three-dimensional HCN experiments for correlating base and sugar resonances in <sup>15</sup> N, <sup>13</sup> C-labeled RNA oligonucleotides. <i>Journal of Biomolecular NMR</i> , 1993, 3, 721-727.	2.8	108
14	Strategy for complete NMR assignment of disordered proteins with highly repetitive sequences based on resolution-enhanced 5D experiments. <i>Journal of Biomolecular NMR</i> , 2010, 48, 169-177.	2.8	99
15	Salt-induced conformational transition of poly[d(A-T)]-poly[d(A-T)]. <i>Journal of Molecular Biology</i> , 1983, 166, 85-92.	4.2	92
16	An A -type double helix of DNA having B -type puckering of the deoxyribose rings 1 1Edited by I. Tinoco. <i>Journal of Molecular Biology</i> , 2000, 297, 907-922.	4.2	91
17	Transverse relaxation optimized triple-resonance NMR experiments for nucleic acids. <i>Journal of Biomolecular NMR</i> , 2000, 16, 291-302.	2.8	87
18	Gradient-enhanced HSQC experiments for phase-sensitive detection of multiple bond interactions. <i>Tetrahedron Letters</i> , 1997, 38, 665-668.	1.4	84

#	ARTICLE	IF	CITATIONS
19	Palmatine and Berberine Isolation Artifacts. <i>Journal of Natural Products</i> , 2003, 66, 481-486.	3.0	81
20	5D <sup>13</sup> C-detected experiments for backbone assignment of unstructured proteins with a very low signal dispersion. <i>Journal of Biomolecular NMR</i> , 2011, 50, 1-11.	2.8	77
21	Structure of <i>Bombyx mori</i> chemosensory protein 1 in solution. <i>Archives of Insect Biochemistry and Physiology</i> , 2007, 66, 135-145.	1.5	74
22	Two-dimensional triple-resonance HCNCH experiment for direct correlation of ribose H1' and base H8, H6 protons in <sup>13</sup> C, <sup>15</sup> N-labeled RNA oligonucleotides. <i>Journal of the American Chemical Society</i> , 1993, 115, 12181-12182.	13.7	72
23	NMR methodology for the study of nucleic acids. <i>Current Opinion in Structural Biology</i> , 2001, 11, 275-281.	5.7	71
24	Reaction Mechanism and Stereochemistry of <sup>13</sup> C-Hexachlorocyclohexane Dehydrochlorinase LinA. <i>Journal of Biological Chemistry</i> , 2001, 276, 7734-7740.	3.4	70
25	Absorption mode two-dimensional NOE spectroscopy of exchangeable protons in oligonucleotides. <i>FEBS Letters</i> , 1987, 216, 249-252.	2.8	67
26	Measurement of Long-Range <sup>1</sup> H- <sup>19</sup> F Scalar Coupling Constants and Their Glycosidic Torsion Dependence in 5-Fluoropyrimidine-Substituted RNA. <i>Journal of the American Chemical Society</i> , 2006, 128, 5851-5858.	13.7	64
27	Exploring non-covalent interactions in guanine- and xanthine-based model DNA quadruplex structures: a comprehensive quantum chemical approach. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2072-2084.	2.8	62
28	Refinement of d(GCGAAGC) hairpin structure using one- and two-bond residual dipolar couplings. <i>Journal of Biomolecular NMR</i> , 2002, 24, 1-14.	2.8	61
29	A-like guanine-guanine stacking in the aqueous DNA duplex of d(GGGGCC)11 Edited by I. Tinoco. <i>Journal of Molecular Biology</i> , 2001, 307, 513-524.	4.2	60
30	Through-bond correlation of imino and aromatic resonances in <sup>13</sup> C-, <sup>15</sup> N-labeled RNA via heteronuclear TOCSY. <i>Journal of Biomolecular NMR</i> , 1996, 7, 83-87.	2.8	59
31	Temperature-dependent spectral density analysis applied to monitoring backbone dynamics of major urinary protein-I complexed with the pheromone 2-sec-butyl-4,5-dihydrothiazole*. <i>Journal of Biomolecular NMR</i> , 2004, 28, 369-384.	2.8	50
32	Structure and binding specificity of the receiver domain of sensor histidine kinase CKI1 from <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2011, 67, 827-839.	5.7	50
33	1-2-1 Pulse train: A new effective method of selective excitation for proton NMR in water. <i>Journal of Magnetic Resonance</i> , 1982, 50, 495-501.	0.5	49
34	Direct determination of tautomerism in purine derivatives by low-temperature NMR spectroscopy. <i>Tetrahedron Letters</i> , 2004, 45, 6259-6263.	1.4	47
35	Conformational perturbation due to an extra adenosine in a self-complementary oligodeoxynucleotide duplex. <i>Biopolymers</i> , 1987, 26, 2041-2052.	2.4	45
36	Phosphorus Chemical Shifts in a Nucleic Acid Backbone from Combined Molecular Dynamics and Density Functional Calculations. <i>Journal of the American Chemical Society</i> , 2010, 132, 17139-17148.	13.7	45

#	ARTICLE	IF	CITATIONS
37	The $\hat{\Gamma}$ Subunit of RNA Polymerase Is Required for Rapid Changes in Gene Expression and Competitive Fitness of the Cell. <i>Journal of Bacteriology</i> , 2013, 195, 2603-2611.	2.2	44
38	NMR Studies of Purines. <i>Annual Reports on NMR Spectroscopy</i> , 2004, 54, 201-242.	1.5	42
39	Optimization of Triple-Resonance HCN Experiments for Application to Larger RNA Oligonucleotides. <i>Journal of Magnetic Resonance</i> , 1998, 130, 119-124.	2.1	41
40	Hydrogen Bonding Effects on the $^{15}\text{N}$ and $^1\text{H}$ Shielding Tensors in Nucleic Acid Base Pairs. <i>Journal of Magnetic Resonance</i> , 2000, 145, 142-146.	2.1	41
41	New hard pulse sequences for solvent signal suppression in fourier transform NMR. II. <i>Journal of Magnetic Resonance</i> , 1986, 66, 391-397.	0.5	40
42	4D Non-uniformly sampled HCBCACON and $1\text{J}(\text{NC}\hat{\Gamma}\pm)$ -selective HCBCANCO experiments for the sequential assignment and chemical shift analysis of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2012, 53, 139-148.	2.8	40
43	Direct identification of relayed nuclear overhauser effects. <i>Journal of Magnetic Resonance</i> , 1986, 70, 327-331.	0.5	39
44	Simplification of DNA proton nuclear magnetic resonance spectra by homonuclear Hartmann-Hahn edited two-dimensional nuclear Overhauser enhancement spectroscopy. <i>Journal of the American Chemical Society</i> , 1990, 112, 5644-5645.	13.7	39
45	Efficient protocol for backbone and side-chain assignments of large, intrinsically disordered proteins: transient secondary structure analysis of 49.2ÅkDa microtubule associated protein 2c. <i>Journal of Biomolecular NMR</i> , 2013, 56, 291-301.	2.8	38
46	$^1\text{H}$ and $^{13}\text{C}$ NMR study of quaternary benzo[c]phenanthridine alkaloids. , 1999, 37, 781-787.		37
47	DFT Analysis of NMR Scalar Interactions Across the Glycosidic Bond in DNA. <i>Journal of the American Chemical Society</i> , 2003, 125, 3649-3658.	13.7	35
48	Spectral density mapping protocols for analysis of molecular motions in disordered proteins. <i>Journal of Biomolecular NMR</i> , 2014, 58, 193-207.	2.8	34
49	Sensitivity optimized HCN and HCNCH experiments for $^{13}\text{C}/^{15}\text{N}$ labeled oligonucleotides. <i>Journal of Biomolecular NMR</i> , 1998, 12, 373-383.	2.8	33
50	Measurement of small scalar and dipolar couplings in purine and pyrimidine bases. <i>Journal of Biomolecular NMR</i> , 2001, 21, 153-160.	2.8	33
51	Analysis of heavy crude oil residues by carbon-13 Fourier transform nuclear magnetic resonance spectrometry. <i>Analytical Chemistry</i> , 1978, 50, 773-775.	6.5	30
52	Strance double helix of poly(dA-dT) in high-salt solution. <i>Biochemical and Biophysical Research Communications</i> , 1981, 99, 1257-1264.	2.1	30
53	$^{15}\text{N}$ NMR study of isoquinoline alkaloids. <i>Magnetic Resonance in Chemistry</i> , 1999, 37, 195-202.	1.9	30
54	Measurement of carbon-13 longitudinal relaxation using $^1\text{H}$ detection. <i>Journal of Magnetic Resonance</i> , 1987, 73, 375-379.	0.5	29

#	ARTICLE	IF	CITATIONS
55	Dispersion Interactions Govern the Strong Thermal Stability of a Protein. Chemistry - A European Journal, 2007, 13, 9022-9027.	3.3	29
56	<sup>13</sup> C-detected NMR experiments for measuring chemical shifts and coupling constants in nucleic acid bases. Journal of Biomolecular NMR, 2007, 39, 153-163.	2.8	29
57	Toward optimal-resolution NMR of intrinsically disordered proteins. Journal of Magnetic Resonance, 2014, 241, 41-52.	2.1	29
58	NMR Structure of the N-Terminal Domain of Capsid Protein from the Masonâ€“Pfizer Monkey Virus. Journal of Molecular Biology, 2009, 392, 100-114.	4.2	28
59	Loss of loop adenines alters human telomere d[AG3(TTAG3)3] quadruplex folding. Nucleic Acids Research, 2014, 42, 14031-14041.	14.5	28
60	Two-dimensional heteronuclear chemical-shift correlation in proteins at natural abundance <sup>15</sup> N and <sup>13</sup> C levels. Journal of Magnetic Resonance, 1987, 71, 379-383.	0.5	27
61	A Method for Direct Determination of Helical Parameters in Nucleic Acids Using Residual Dipolar Couplings. Journal of the American Chemical Society, 2000, 122, 10454-10455.	13.7	27
62	Determination of the glycosidic torsion angles in uniformly <sup>13</sup> C-labeled nucleic acids from vicinal coupling constants <sup>3</sup> J(C2)/4-H1' and <sup>3</sup> J(C6)/8-H1'. Journal of Biomolecular NMR, 2002, 23, 1-12.	2.8	27
63	Relationships between <sup>31</sup> P Chemical Shift Tensors and Conformation of Nucleic Acid Backbone: A DFT Study. Journal of Physical Chemistry B, 2007, 111, 2658-2667.	2.6	27
64	Conformational Dynamics and Antigenicity in the Disordered Malaria Antigen Merozoite Surface Protein 2. PLoS ONE, 2015, 10, e0119899.	2.5	27
65	Sanguinarine pseudobase: re-examination of NMR assignments using gradient-enhanced spectroscopy. , 1998, 36, 869-872.		26
66	Experiments for correlating quaternary carbons in RNA bases. Journal of Biomolecular NMR, 2004, 29, 477-490.	2.8	26
67	Soluble recombinant CD69 receptors optimized to have an exceptional physical and chemical stability display prolonged circulation and remain intact in the blood of mice. FEBS Journal, 2008, 275, 5589-5606.	4.7	26
68	Toward Reproducing Sequence Trends in Phosphorus Chemical Shifts for Nucleic Acids by MD/DFT Calculations. Journal of Chemical Theory and Computation, 2013, 9, 1641-1656.	5.3	26
69	New hard pulse sequences for the solvent signal suppression in fourier-transform NMR. I. Journal of Magnetic Resonance, 1985, 61, 567-570.	0.5	25
70	<sup>31</sup> P Chemical Shift Tensors for Canonical and Non-canonical Conformations of Nucleic Acids: A DFT Study and NMR Implications. Journal of Physical Chemistry B, 2008, 112, 3470-3478.	2.6	25
71	Synthesis of methyl 6â€“deoxy-6â€“fluoro-Î±-isomaltoside and of the corresponding trisaccharide. Carbohydrate Research, 1988, 175, 201-213.	2.3	24
72	Solution structure of the Nâ€“terminal domain of <i>Bacillus subtilis</i> Î´' subunit of RNA polymerase and its classification based on structural homologs. Proteins: Structure, Function and Bioinformatics, 2010, 78, 1807-1810.	2.6	24

#	ARTICLE	IF	CITATIONS
73	A new water suppression technique for generating pure-phase spectra with equal excitation over a wide bandwidth. <i>Journal of Magnetic Resonance</i> , 1987, 75, 378-383.	0.5	23
74	<sup>7</sup> Li Nuclear Magnetic Resonance Study of Lithium Binding to Myo-Inositol Monophosphatase. <i>FEBS Journal</i> , 1996, 240, 288-291.	0.2	22
75	Exploring the Structure of a DNA Hairpin with the Help of NMR Spin-Spin Coupling Constants: An Experimental and Quantum Chemical Investigation. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10242-10250.	2.6	22
76	Assignment of Z DNA NMR spectra of poly d(Gm5C) by two-dimensional multinuclear spectroscopy. <i>Journal of the American Chemical Society</i> , 1987, 109, 2221-2222.	13.7	20
77	Enantioselective effects of alpha-hexachlorocyclohexane (HCH) isomers on androgen receptor activity in vitro. <i>Chemosphere</i> , 2012, 86, 65-69.	8.2	19
78	Origin of the Conformational Modulation of the <sup>13</sup> C NMR Chemical Shift of Methoxy Groups in Aromatic Natural Compounds. <i>Journal of Physical Chemistry A</i> , 2013, 117, 661-669.	2.5	19
79	Dissection of Binding between a Phosphorylated Tyrosine Hydroxylase Peptide and 14-3-3 $\sigma$ : A Complex Story Elucidated by NMR. <i>Biophysical Journal</i> , 2014, 107, 2185-2194.	0.5	19
80	Nucleic Acid Quadruplexes Based on 8-Halo-9-deazaxanthines: Energetics and Noncovalent Interactions in Quadruplex Stems. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 5353-5365.	5.3	19
81	Water suppression using a combination of hard and soft pulses. <i>Journal of Magnetic Resonance</i> , 1987, 75, 352-357.	0.5	18
82	Three-Bond Sugar-Base Couplings in Purine versus Pyrimidine Nucleosides: A DFT Study of Karplus Relationships for 3JC2/4-H1 and 3JC6/8-H1 in DNA. <i>Journal of the American Chemical Society</i> , 2002, 124, 10666-10667.	13.7	18
83	The effect of water on NMR spin-spin couplings in DNA: Improvement of calculated values by application of two solvent models. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 734.	2.8	18
84	Structural Study of the Partially Disordered Full-Length $\beta$ Subunit of RNA Polymerase from <i>Bacillus subtilis</i> . <i>ChemBioChem</i> , 2013, 14, 1772-1779.	2.6	18
85	NMR Cross-Correlated Relaxation Rates Reveal Ion Coordination Sites in DNA. <i>Journal of the American Chemical Society</i> , 2011, 133, 13790-13793.	13.7	17
86	Ab Initio Calculations of Spin-Spin Coupling Constants in Anhydrodeoxythymidines. <i>Journal of Physical Chemistry A</i> , 2000, 104, 2788-2792.	2.5	16
87	Aliphatic substituents in place of thymine methyl promote zig-zag character of the poly(dA-dT)-poly(dA-dT) backbone. <i>International Journal of Biological Macromolecules</i> , 1987, 9, 131-136.	7.5	15
88	Dracophane, a metacyclophane derivative from the resin of <i>Dracaena cinnabari</i> Balf.. <i>Phytochemistry</i> , 2002, 61, 967-970.	2.9	15
89	Internal consistency of NMR data obtained in partially aligned biomacromolecules. <i>Journal of Magnetic Resonance</i> , 2003, 162, 385-395.	2.1	15
90	Phosphorus nmr spectra of natural DNA fragments in the course of the B-to-A conformational transition. <i>Biopolymers</i> , 1986, 25, 1803-1812.	2.4	14

#	ARTICLE	IF	CITATIONS
91	Structural Studies of Chelirubine and Chelilutine Free Bases. Collection of Czechoslovak Chemical Communications, 1998, 63, 1045-1055.	1.0	13
92	Ab Initio Calculations of <sup>1</sup> H and <sup>13</sup> C Chemical Shifts in Anhydrodeoxythymidines. Journal of Physical Chemistry A, 1999, 103, 4089-4093.	2.5	13
93	Synthetic N-Acetyl-d-glucosamine Based Fully Branched Tetrasaccharide, a Mimetic of the Endogenous Ligand for CD69, Activates CD69+Killer Lymphocytes upon Dimerization via a Hydrophilic Flexible Linker. Journal of Medicinal Chemistry, 2010, 53, 4050-4065.	6.4	13
94	Determination of a symmetrical dimer structure in benzo[c]phenanthridine alkaloids by pulsed-field-gradient HMBC. Tetrahedron Letters, 1996, 37, 1655-1658.	1.4	11
95	Conformational Study of C <sub>2</sub> Symmetrical Benzo[c]phenanthridine Alkaloid Derivatives. Chemistry Letters, 1997, 26, 369-370.	1.3	11
96	Mapping the active site of factor Xa by selective inhibitors: An NMR and MD study. , 1998, 30, 264-274.		11
97	Program MULDER -- a tool for extracting torsion angles from NMR data. Journal of Biomolecular NMR, 2002, 24, 339-349.	2.8	11
98	<sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N Resonance Assignment of Bombyx mori Chemosensory Protein 1 (BmorCSP1). Journal of Biomolecular NMR, 2006, 36, 47-47.	2.8	11
99	Backbone Motions of Free and Pheromone-Bound Major Urinary Protein I Studied by Molecular Dynamics Simulation. Journal of Physical Chemistry B, 2007, 111, 5731-5739.	2.6	11
100	Investigation of Thermal Denaturation of Barley Nonspecific Lipid Transfer Protein 1 (ns-LTP1b) by Nuclear Magnetic Resonance and Differential Scanning Calorimetry. Journal of Agricultural and Food Chemistry, 2009, 57, 8444-8452.	5.2	11
101	Cooperation between Subunits Is Essential for High-Affinity Binding of N-Acetyl-d-hexosamines to Dimeric Soluble and Dimeric Cellular Forms of Human CD69. Biochemistry, 2010, 49, 4060-4067.	2.5	11
102	Triple resonance <sup>15</sup> N NMR relaxation experiments for studies of intrinsically disordered proteins. Journal of Biomolecular NMR, 2017, 69, 133-146.	2.8	11
103	Structure and transformations of the alkaloid sanguilutine. Phytochemistry, 1998, 47, 879-885.	2.9	10
104	The Structural Properties in Solution of the Intrinsically Mixed Folded Protein Ataxin-3. Biophysical Journal, 2018, 115, 59-71.	0.5	10
105	Analysis of coal asphaltenes by carbon-13 Fourier transform nuclear magnetic resonance spectrometry. Analytical Chemistry, 1980, 52, 1794-1797.	6.5	9
106	Molecular dynamics study of major urinary protein-pheromone interactions: A structural model for ligand-induced flexibility increase. FEBS Letters, 2006, 580, 682-684.	2.8	9
107	Composite pulse sequences with variable performance. Journal of Magnetic Resonance, 1985, 62, 113-122.	0.5	8
108	X-ray vs. NMR structure of N-terminal domain of $\hat{\tau}$ -subunit of RNA polymerase. Journal of Structural Biology, 2014, 187, 174-186.	2.8	8

#	ARTICLE	IF	CITATIONS
109	N.m.r. and c.d. studies of the DNA fragments d(TATATATA) and d(TATATA) in solution. International Journal of Biological Macromolecules, 1989, 11, 273-277.	7.5	7
110	HCCCH Experiment for Through-Bond Correlation of Thymine Resonances in <sup>13</sup> C-Labeled DNA Oligonucleotides. Journal of Magnetic Resonance, 1999, 137, 345-349.	2.1	7
111	Substituting CF <sub>2</sub> for O <sup>4</sup> in Components of Nucleic Acids: Towards Systems with Reduced Propensity to Form Abasic Lesions. Chemistry - A European Journal, 2015, 21, 17933-17943.	3.3	7
112	Spectral density mapping at multiple magnetic fields suitable for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 13 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mtext} \rangle C \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ NMR relaxation studies. Journal of Magnetic Resonance, 2016, 266, 23-40.	2.1	7
113	Determination of. Molecules, 1997, 1, 166.	3.8	7
114	Nuclear magnetic <sup>13</sup> C/ <sup>19</sup> F double resonance: Fluorine broad band decoupling. Magnetic Resonance in Chemistry, 1984, 22, 662-664.	0.7	6
115	Carbon-13 NMR spectra of adamantane carboxylic acids and diamantane mono- and di-carboxylic acids and esters. Magnetic Resonance in Chemistry, 1985, 23, 57-59.	1.9	6
116	Effect of the carbon source on assessment of degrading bacteria with the spread-plating technique during in situ bioremediation. Folia Microbiologica, 2000, 45, 35-40.	2.3	6
117	Impact of nucleic acid self-alignment in a strong magnetic field on the interpretation of indirect spin-spin interactions. Journal of Biomolecular NMR, 2016, 64, 53-62.	2.8	6
118	Mixed aromatic-aliphatic acetals; Their preparation, <sup>1</sup> H and <sup>13</sup> C-NMR spectra and hydrogenolysis by ethereal solution of chloroalane. Collection of Czechoslovak Chemical Communications, 1981, 46, 2912-2923.	1.0	4
119	Backbone <sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N NMR assignment for the inactive form of the retroviral protease of the murine intracisternal A-type particle, inMIA-14 PR. Biomolecular NMR Assignments, 2009, 3, 261-264.	0.8	4
120	S3EPY: a Sparky extension for determination of small scalar couplings from spin-state-selective excitation NMR experiments. Journal of Biomolecular NMR, 2010, 46, 191-197.	2.8	4
121	Selective Excitation Techniques for Water Suppression in One-and Two-Dimensional NMR Spectroscopy. , 1990, 56, 63-84.		4
122	Pulse methods for calibration of the decoupler radiofrequency field strength in NMR spectroscopy. Journal of Magnetic Resonance, 1986, 69, 144-150.	0.5	3
123	Understanding the NMR properties and conformational behavior of indole vs. azaindole group in protoberberines: NICS and NCS analysis. Journal of Molecular Structure, 2012, 1028, 31-38.	3.6	3
124	Retro operation on the Trp-cage miniprotein sequence produces an unstructured molecule capable of folding similar to the original only upon 2,2,2-trifluoroethanol addition. Protein Engineering, Design and Selection, 2014, 27, 463-472.	2.1	3
125	Carbon-13 chemical shifts of aza- and triaza-adamantane derivatives. Magnetic Resonance in Chemistry, 1984, 22, 352-353.	0.7	2
126	Water signal suppression via self-refocused excitation sequences. Journal of Magnetic Resonance, 1991, 91, 120-127.	0.5	2



#	ARTICLE	IF	CITATIONS
127	$^1\text{H}$ , $^{13}\text{C}$ , and $^{15}\text{N}$ resonance assignment of the N-terminal domain of Mason-Pfizer monkey virus capsid protein, CA $\hat{A}$ 1-140. <i>Biomolecular NMR Assignments</i> , 2008, 2, 43-45.	0.8	2
128	Influence of the O-phosphorylation of serine, threonine and tyrosine in proteins on the amidic $^{15}\text{N}$ chemical shielding anisotropy tensors. <i>Journal of Biomolecular NMR</i> , 2013, 55, 59-70.	2.8	2
129	A NMR and MD study of the active site of factor Xa by selective inhibitors. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1998, 95, 443-446.	0.2	2
130	Structure and NMR properties of 6 $\hat{a}$ €substituted $\hat{a}$ €5,6 $\hat{a}$ €dihydrobenzo[ <i>c</i> ]phenanthridine alkaloids. <i>Journal of Physical Organic Chemistry</i> , 2013, 26, 814-821.	1.9	1