

Wiktor KoÅ°miÅ„ski

List of Publications by Year in descending order

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140
papers

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141
docs citations

141
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#	ARTICLE	IF	CITATIONS
1	Two-dimensional Fourier transform of arbitrarily sampled NMR data sets. <i>Journal of Magnetic Resonance</i> , 2006, 179, 323-328.	1.2	135
2	The RxLR Motif of the Host Targeting Effector AVR3a of <i>Phytophthora infestans</i> Is Cleaved before Secretion. <i>Plant Cell</i> , 2017, 29, 1184-1195.	3.1	123
3	NMR studies of chiral recognition by cyclodextrins. <i>Chirality</i> , 2004, 16, 90-105.	1.3	106
4	Random sampling of evolution time space and Fourier transform processing. <i>Journal of Biomolecular NMR</i> , 2006, 36, 157-168.	1.6	101
5	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.	1.6	99
6	Random sampling in multidimensional NMR spectroscopy. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2010, 57, 420-434.	3.9	97
7	HECADE: HMQC- and HSQC-Based 2D NMR Experiments for Accurate and Sensitive Determination of Heteronuclear Coupling Constants from E-COSY-Type Cross Peaks. <i>Journal of Magnetic Resonance</i> , 1997, 124, 383-392.	1.2	95
8	Optimization of random time domain sampling in multidimensional NMR. <i>Journal of Magnetic Resonance</i> , 2008, 192, 123-130.	1.2	94
9	Non-uniform frequency domain for optimal exploitation of non-uniform sampling. <i>Journal of Magnetic Resonance</i> , 2010, 205, 286-292.	1.2	86
10	Iterative algorithm of discrete Fourier transform for processing randomly sampled NMR data sets. <i>Journal of Biomolecular NMR</i> , 2010, 47, 65-77.	1.6	82
11	5D ¹³ 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.	1.6	77
12	An Experimental Test of C ¹⁵ N Bond Twisting in the TICT State: Syn [→] Anti Photoisomerization in 2-(N-Methyl-N-isopropylamino)-5-cyanopyridine. <i>Journal of the American Chemical Society</i> , 2002, 124, 2406-2407.	6.6	76
13	Narrow peaks and high dimensionalities: Exploiting the advantages of random sampling. <i>Journal of Magnetic Resonance</i> , 2009, 197, 219-228.	1.2	75
14	Sensitivity Improvement and New Acquisition Scheme of Heteronuclear Active-Coupling-Pattern-Tilting Spectroscopy. <i>Journal of Magnetic Resonance</i> , 2000, 142, 294-299.	1.2	74
15	Lineshapes and artifacts in Multidimensional Fourier Transform of arbitrary sampled NMR data sets. <i>Journal of Magnetic Resonance</i> , 2007, 188, 344-356.	1.2	70
16	Multiple quadrature detection in reduced dimensionality experiments. <i>Journal of Biomolecular NMR</i> , 2003, 26, 157-166.	1.6	68
17	Speeding up sequence specific assignment of IDPs. <i>Journal of Biomolecular NMR</i> , 2012, 53, 293-301.	1.6	66
18	Iterative Thresholding Algorithm for Multiexponential Decay Applied to PGSE NMR Data. <i>Analytical Chemistry</i> , 2013, 85, 1828-1833.	3.2	63

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19	Suppression of sampling artefacts in high-resolution four-dimensional NMR spectra using signal separation algorithm. <i>Journal of Magnetic Resonance</i> , 2012, 214, 91-102.	1.2	62
20	Structure and Dynamics of the Huntingtin Exon-1 N-Terminus: AÅSolution NMR Perspective. <i>Journal of the American Chemical Society</i> , 2017, 139, 1168-1176.	6.6	56
21	High dimensional and high resolution pulse sequences for backbone resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2012, 52, 329-337.	1.6	51
22	Simplified Multiplet Pattern HSQC-TOCSY Experiment for Accurate Determination of Long-Range Heteronuclear Coupling Constants. <i>Journal of Magnetic Resonance</i> , 1999, 137, 408-412.	1.2	50
23	Biochemical and Structural Characterization of the Interaction between the Siderocalin NGAL/LCN2 (Neutrophil Gelatinase-associated Lipocalin/Lipocalin 2) and the N-terminal Domain of Its Endocytic Receptor SLC22A17. <i>Journal of Biological Chemistry</i> , 2016, 291, 2917-2930.	1.6	45
24	High-dimensionality ¹³ C direct-detected NMR experiments for the automatic assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2013, 57, 353-361.	1.6	42
25	KAgF3, K2AgF4 and K3Ag2F7: important steps towards a layered antiferromagnetic fluoroargentate(II),. <i>CrystEngComm</i> , 2009, 11, 1702.	1.3	38
26	Analysis of Complex Reacting Mixtures by Time-Resolved 2D NMR. <i>Analytical Chemistry</i> , 2015, 87, 1337-1343.	3.2	38
27	¹⁸⁷ Os NMR Study of (1-6-Arene)osmium(II) Complexes:Å Separation of Electronic and Steric Ligand Effects. <i>Organometallics</i> , 1996, 15, 3124-3135.	1.1	37
28	⁵⁷ Fe NMR Study of Ligand Effects in Cyclopentadienyliron Complexes. <i>Organometallics</i> , 1996, 15, 2469-2477.	1.1	35
29	¹⁵ NH4+ion movement inside d(G4T4G4)2G-quadruplex is accelerated in the presence of smaller Na+ions. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1970-1973.	1.5	35
30	Applications of high dimensionality experiments to biomolecular NMR. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2015, 90-91, 49-73.	3.9	33
31	Metal-coupled folding as the driving force for the extreme stability of Rad50 zinc hook dimer assembly. <i>Scientific Reports</i> , 2016, 6, 36346.	1.6	33
32	Rosavin as a product of glycosylation by <i>Rhodiola rosea</i> (roseroot) cell cultures. <i>Plant Cell, Tissue and Organ Culture</i> , 1999, 56, 105-110.	1.2	32
33	A set of 4D NMR experiments of enhanced resolution for easy resonance assignment in proteins. <i>Journal of Magnetic Resonance</i> , 2010, 202, 109-116.	1.2	32
34	Application of adiabatic inversion pulses for elimination of baseline distortions in Fourier transform NMR. A natural abundance ¹⁷ O NMR spectrum for gaseous acetone. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 459-462.	1.1	31
35	¹⁵ N, ¹³ C and ¹ H nuclear magnetic shielding and spin-Å spin coupling constants of 1- ¹³ C, ¹⁵ N-enriched acetonitrile in gaseous mixtures with SF6 and CO2. <i>Chemical Physics Letters</i> , 2002, 358, 263-270.	1.2	31
36	Protonation-Å dependent conformational variability of intrinsically disordered proteins. <i>Protein Science</i> , 2013, 22, 1196-1205.	3.1	31

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37	High-Dimensional NMR Spectra for Structural Studies of Biomolecules. <i>ChemPhysChem</i> , 2013, 14, 3015-3025.	1.0	31
38	CON-CON-assignment strategy for highly flexible intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2014, 60, 209-218.	1.6	30
39	Phase transition induced improvement in H ₂ desorption kinetics: the case of the high-temperature form of Y(BH ₄) ₃ . <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 8847.	1.3	28
40	Crystal and electronic structure, lattice dynamics and thermal properties of Ag(i)(SO ₃)R (R = F, CF ₃) Lewis acids in the solid state. <i>Dalton Transactions</i> , 2012, 41, 2034-2047.	1.6	28
41	Generalized Fourier Transform for Non-Uniform Sampled Data. <i>Topics in Current Chemistry</i> , 2011, 316, 79-124.	4.0	27
42	Insights from impedance spectroscopy into the mechanism of thermal decomposition of M(NH ₂ BH ₃), M = H, Li, Na, Li _{0.5} Na _{0.5} , hydrogen stores. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5778.	1.3	27
43	Accelerating Diffusion-Ordered NMR Spectroscopy by Joint Sparse Sampling of Diffusion and Time Dimensions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6464-6467.	7.2	27
44	The studies of tautomerism in 6-mercaptapurine derivatives by ¹ H- ¹³ C, ¹ H- ¹⁵ N NMR and ¹³ C, ¹⁵ N CPMAS-experimental and quantum chemical approach. <i>Journal of Molecular Structure</i> , 2006, 785, 205-215.	1.8	26
45	Polymorphism of a Model Arylboronic Azaester: Combined Experimental and Computational Studies. <i>Crystal Growth and Design</i> , 2011, 11, 1835-1845.	1.4	26
46	An improved ³³ S nuclear magnetic shielding scale from the gas-phase study of COS. <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 563-565.	1.1	25
47	A multinuclear NMR study of some mesoionic 1,3-dimethyltetrazoles, 1- and 2-methyltetrazoles and related compounds. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 1327-1332.	0.9	24
48	Determination of Spin-Spin Couplings from Ultrahigh Resolution 3D NMR Spectra Obtained by Optimized Random Sampling and Multidimensional Fourier Transformation. <i>Journal of the American Chemical Society</i> , 2008, 130, 5404-5405.	6.6	24
49	NMR manifestations and molecular dynamics modeling of chiral recognition of $\hat{\pm}$ -pinenes by $\hat{\pm}$ -cyclodextrin. <i>Journal of Molecular Structure</i> , 2000, 523, 205-212.	1.8	23
50	Effects of Intermolecular Interactions on ³³ S Magnetic Shielding in Gaseous SF ₆ . <i>Journal of Physical Chemistry A</i> , 2002, 106, 2829-2832.	1.1	23
51	Diastereoselective Pictet-Spengler condensation of tryptophan with $\hat{\pm}$ -amino aldehydes as chiral carbonyl components. <i>Tetrahedron</i> , 2008, 64, 1506-1514.	1.0	23
52	TSAR: a program for automatic resonance assignment using 2D cross-sections of high dimensionality, high-resolution spectra. <i>Journal of Biomolecular NMR</i> , 2012, 54, 81-95.	1.6	23
53	On the impossibility of determination of stepwise binding constants for the 1 $\hat{\pm}$ 2 complex of (+)-camphor with $\hat{\pm}$ -cyclodextrin. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 581-584.	1.5	22
54	¹³ C and ¹⁵ N NMR study of 2,3-diphenyltetrazolium-5-olate and 5-thiolate. <i>Magnetic Resonance in Chemistry</i> , 1990, 28, 1027-1029.	1.1	21

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55	Determination of heteronuclear coupling constants from 3D HSQCâ€”TOCSY experiment with optimized random sampling of evolution time space. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 205-209.	1.1	21
56	Direct insight into insulin aggregation by 2D NMR complemented by PFGSE NMR. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 1057-1065.	1.5	20
57	Structure and dynamics of <i>Helicobacter pylori</i> nickel-chaperone HypA: an integrated approach using NMR spectroscopy, functional assays and computational tools. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 1309-1330.	1.1	20
58	Reconstruction of non-uniformly sampled five-dimensional NMR spectra by signal separation algorithm. <i>Journal of Biomolecular NMR</i> , 2017, 68, 129-138.	1.6	19
59	Joint non-uniform sampling of all incremented time delays for quicker acquisition in protein relaxation studies. <i>Journal of Biomolecular NMR</i> , 2017, 68, 155-161.	1.6	19
60	¹⁵ N, ¹³ C and ¹ H nuclear magnetic shielding and spinâ€”spin coupling in gaseous ¹⁵ N-enriched methylamine. <i>Journal of Molecular Structure</i> , 2004, 704, 305-309.	1.8	18
61	Study of nearâ€”symmetric cyclodextrins by compressed sensing 2D NMR. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 110-115.	1.1	17
62	Six- and seven-dimensional experiments by combination of sparse random sampling and projection spectroscopy dedicated for backbone resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2015, 63, 283-290.	1.6	17
63	High-dimensional NMR methods for intrinsically disordered proteins studies. <i>Methods</i> , 2018, 148, 81-87.	1.9	17
64	Efficient compensation of low-frequency magnetic field disturbances in NMR with fluxgate sensors. <i>Journal of Magnetic Resonance</i> , 2005, 174, 287-291.	1.2	16
65	Polymorphism of Fluoroargentates(II): Facile Collapse of a Layered Network of $\text{[AgF}_4\text{]}^{2-}$ Due to the Insufficient Size of the Potassium Cation. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2919-2925.	1.0	16
66	Artifacts in time-resolved NUS: A case study of NOE build-up curves from 2D NOESY. <i>Journal of Magnetic Resonance</i> , 2016, 265, 108-116.	1.2	16
67	Sensitive Measurement of One-Bond Carbon-Carbon Spin Coupling Constants at Natural Isotope Abundance. <i>Magnetic Resonance in Chemistry</i> , 1996, 34, 311-315.	1.1	15
68	Sensitive Measurement and Unambiguous Assignment of Long-Range ¹³ C, ¹³ C Coupling Constants at Natural Isotope Abundance. <i>Journal of Magnetic Resonance Series A</i> , 1996, 122, 245-247.	1.6	15
69	NMR of Cyclodextrins and Their Complexes. , 2006, , 231-254.		15
70	Complete ¹ H and ¹³ C signal assignment of prenolâ€”10 with 3D NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 825-829.	1.1	15
71	The solution structure of the MANEC-type domain from hepatocyte growth factor activator inhibitor-1 reveals an unexpected PAN/apple domain-type fold. <i>Biochemical Journal</i> , 2015, 466, 299-309.	1.7	15
72	Reconnaissance of reactivity of an Ag(ⁱⁱ)SO ₄ one-electron oxidizer towards naphthalene derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 10742-10749.	1.4	15

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73	Hyperphosphorylation of Human Osteopontin and Its Impact on Structural Dynamics and Molecular Recognition. <i>Biochemistry</i> , 2021, 60, 1347-1355.	1.2	15
74	Order from disorder in the sarcomere: FATZ forms a fuzzy but tight complex and phase-separated condensates with β -actinin. <i>Science Advances</i> , 2021, 7, .	4.7	15
75	The New Active-Coupling-Pattern Tilting Experiment for an Efficient and Accurate Determination of Homonuclear Coupling Constants. <i>Journal of Magnetic Resonance</i> , 1998, 134, 189-193.	1.2	14
76	A dynamic NMR study of self-inclusion of a pendant group in amphiphilic 6-thiophenyl-6-deoxycyclodextrins. <i>Journal of Molecular Structure</i> , 2000, 519, 33-36.	1.8	14
77	^1H , ^{13}C , ^{15}N NMR and X-Ray Diffractometry in Structural Studies of Macrocyclic Lactams Containing Pyridine Moiety. <i>Supramolecular Chemistry</i> , 2000, 12, 229-235.	1.5	14
78	Three-dimensional NMR Spectroscopy of organic molecules by random sampling of evolution time space and multidimensional Fourier transformation. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 171-174.	1.1	13
79	Probing Local Backbone Geometries in Intrinsically Disordered Proteins by Cross-Correlated NMR Relaxation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4604-4606.	7.2	13
80	The Two Isoforms of Lyn Display Different Intramolecular Fuzzy Complexes with the SH3 Domain. <i>Molecules</i> , 2018, 23, 2731.	1.7	13
81	An Analysis of the Bonding Properties of Benz[a]azulene by X-Ray, NMR, and Computational Studies. <i>Helvetica Chimica Acta</i> , 1996, 79, 837-854.	1.0	12
82	^{57}Fe , ^{13}C Coupling Constants from Inverse Detection Experiments at Natural Isotope Abundance. <i>Magnetic Resonance in Chemistry</i> , 1996, 34, 89-92.	1.1	12
83	Synthesis and Characterization of 1,2-Disubstituted Vinylsilanes and Their Geometric Differentiation with $^3\text{J}(^{29}\text{Si}, ^1\text{H})$ -Coupling Constants. Application of a Novel Heteronuclear-Resolved NMR Experiment. <i>Organometallics</i> , 1997, 16, 3128-3134.	1.1	12
84	A Pure-Phase Homonuclear J-Modulated HMQC Experiment with Tilted Cross-Peak Patterns for an Accurate Determination of Homonuclear Coupling Constants. <i>Journal of Magnetic Resonance</i> , 1999, 141, 185-190.	1.2	12
85	Amino acid recognition for automatic resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2016, 64, 239-253.	1.6	12
86	Metal Exchange in the Interprotein Zn Binding Site of the Rad50 Hook Domain: Structural Insights into Cd-Induced DNA Repair Inhibition. <i>Chemistry - A European Journal</i> , 2020, 26, 3297-3313.	1.7	12
87	The new HMQC-based technique for the quantitative determination of heteronuclear coupling constants. Application for the measurement of in DNA oligomers. <i>Journal of Magnetic Resonance</i> , 2003, 160, 120-125.	1.2	11
88	Multinuclear magnetic resonance study of some mesoionic 1,3-diphenyltetrazoles with various exocyclic groups. <i>Magnetic Resonance in Chemistry</i> , 1994, 32, 284-287.	1.1	10
89	A Study of Multiple Complexation of β -, γ - and δ -Cyclodextrins: Surprisingly Differing Stoichiometries of β - and γ -Cyclodextrin Complexes. <i>Supramolecular Chemistry</i> , 2004, 16, 287-292.	1.5	10
90	A protein backbone τ and θ angle dependence of $^2\text{J N}(i), ^1\text{C}(i-1)$: The new NMR experiment and quantum chemical calculations. <i>Journal of Biomolecular NMR</i> , 2005, 31, 87-95.	1.6	10

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91	A ¹³ C and ¹⁵ N NMR study of some mesoionic 4-hydroxy pyrazole derivatives in various solvents. Journal of Molecular Structure, 1991, 243, 369-372.	1.8	9
92	Spinâ€“Lattice Relaxation Times of Transition-Metal Nuclei from Inverse-Detection Experiments*. Journal of Magnetic Resonance Series A, 1995, 116, 262-265.	1.6	9
93	¹ H, ¹³ C and ¹⁵ N resonance assignments of human BASP1. Biomolecular NMR Assignments, 2013, 7, 315-319.	0.4	9
94	Five and four dimensional experiments for robust backbone resonance assignment of large intrinsically disordered proteins: application to Tau3x protein. Journal of Biomolecular NMR, 2016, 65, 193-203.	1.6	9
95	An X-ray diffraction study of some mesoionic 2,3-diphenyltetrazoles. Journal of Crystallographic and Spectroscopic Research, 1993, 23, 133-141.	0.3	8
96	Pure-Phase Homo- and Heteronuclear Spectra with Tilted Cross Peaks for an Accurate Determination of Coupling Constants. Journal of Magnetic Resonance, 1997, 125, 193-196.	1.2	8
97	4D Non-uniformly sampled C,C-NOESY experiment for sequential assignment of ¹³ C, ¹⁵ N-labeled RNAs. Journal of Biomolecular NMR, 2013, 57, 1-9.	1.6	8
98	¹³ C/ ¹ H selective, non-uniformly sampled 4D HC(P)CH experiment for sequential assignments of ¹³ C-labeled RNAs. Journal of Biomolecular NMR, 2014, 60, 91-98.	1.6	8
99	¹ H, ¹⁵ N, ¹³ C resonance assignment of human osteopontin. Biomolecular NMR Assignments, 2015, 9, 289-292.	0.4	8
100	¹ H, ¹⁵ N, ¹³ C resonance assignment of human GAP-43. Biomolecular NMR Assignments, 2016, 10, 171-174.	0.4	8
101	¹⁵ N, ¹⁴ N, ¹³ C and ¹ H NMR study of mesoionic methylides and thiocarbonyl ylides with a 2,3-diphenyltetrazolium ring. Journal of Molecular Structure, 1993, 295, 15-18.	1.8	7
102	Characteristic coupling constants ¹ J(¹³ C- ¹³ C) of some mesoionic methylides containing a diphenyltetrazolium ring. Spectroscopy, 1994, 12, 21-23.	0.8	7
103	An X-ray study of some 2,3-diphenyltetrazolium salts. Journal of Chemical Crystallography, 1995, 25, 29-35.	0.5	7
104	¹ J(F,H), ¹ J(C,H) and ¹ J(H,H) couplings involving the individual methyl group protons in 1,2,3,4-tetrachloro-5,6,7,8-tetrafluoro-9-methyltriptycene. Evidence of blue-shifting hydrogen bond. Magnetic Resonance in Chemistry, 2007, 45, 1040-1044.	1.1	7
105	Selective diagonal-free ¹³ C, ¹³ C-edited aliphaticâ€“aromatic NOESY experiment with non-uniform sampling. Journal of Biomolecular NMR, 2013, 56, 217-226.	1.6	7
106	¹³ C-detected NMR experiments for automatic resonance assignment of IDPs and multiple-fixing SMFT processing. Journal of Biomolecular NMR, 2015, 62, 179-190.	1.6	7
107	A multinuclear NMR study on some cyclic aminimides and related compounds. Journal of Molecular Structure, 1991, 243, 365-368.	1.8	6
108	Application of the HECADÉ method to the measurement of long-range heteronuclear ¹³ C, ¹ H spin-spin coupling constants in tautomeric ¹ 2-sulfonylenamines. Magnetic Resonance in Chemistry, 2000, 38, 839-844.	1.1	6

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109	The tautomeric equilibrium and stereochemistry of Î²-sulfonyl enamines. <i>New Journal of Chemistry</i> , 2002, 26, 1060-1069.	1.4	6
110	Biosynthetic engineered B28Kâ€“B29P human insulin monomer structure in water and in water/acetonitrile solutions. <i>Journal of Biomolecular NMR</i> , 2013, 55, 303-309.	1.6	6
111	Conformational Equilibrium of Cinchonidine in C₆D₁₂ Solution. Alternative NMR/DFT Approach. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7832-7841.	1.1	6
112	¹³ C and ¹⁵ N NMR study of mesoionic type A and type B tetrazoles with four nitrogen atoms in the exocyclic group. <i>Magnetic Resonance in Chemistry</i> , 1994, 32, 746-748.	1.1	5
113	¹⁴ N and ¹⁵ N NMR study of 2,1,3-thiadiazolium-5-olate and related compounds. <i>Journal of Molecular Structure</i> , 1994, 323, 177-179.	1.8	5
114	Spatial structure and NMR spectra of strained [2.2.2]cyclophanes. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 407-414.	1.1	5
115	A Traceless, Solid-Supported Synthesis of Î²-Turn Mimetics Based on the Hexahydropyrazino[1,2-a]pyrazine-1,2-dione Scaffold. <i>Synthesis</i> , 2010, 2010, 221-232.	1.2	5
116	¹ H, ¹³ C, and ¹⁵ N chemical shifts assignments for human endothelial monocyte-activating polypeptide EMAP II. <i>Biomolecular NMR Assignments</i> , 2013, 7, 25-29.	0.4	5
117	Peptides and peptidoaldehydes as substrates for the Pictetâ€“Spengler reaction. <i>Journal of Peptide Science</i> , 2013, 19, 433-440.	0.8	5
118	Novel Cyclic Biphalin Analogues by Ruthenium-Catalyzed Ring Closing Metathesis: <i>in Vivo</i> and <i>in Vitro</i> Biological Profile. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 450-456.	1.3	5
119	Experimental and Computational Studies on Structure and Energetic Properties of Halogen Derivatives of 2-Deoxy-D-Glucose. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3720.	1.8	5
120	Mechanism of Atg9 recruitment by Atg11 in the cytoplasm-to-vacuole targeting pathway. <i>Journal of Biological Chemistry</i> , 2022, 298, 101573.	1.6	5
121	The DQ-HN{CACB} and DQ-HN(CO){CACB} sequences with evolution of double quantum CÎ±â€“CÎ² coherences. <i>Journal of Magnetic Resonance</i> , 2004, 171, 186-191.	1.2	4
122	¹ H, ¹³ C, and ¹⁵ N backbone and side chain resonance assignments of the C-terminal DNA binding and dimerization domain of v-Myc. <i>Biomolecular NMR Assignments</i> , 2013, 7, 321-324.	0.4	4
123	Backbone and partial side chain assignment of the microtubule binding domain of the MAP1B light chain. <i>Biomolecular NMR Assignments</i> , 2014, 8, 123-127.	0.4	4
124	Structure, dynamics, and function of SrnR, a transcription factor for nickel-dependent gene expression. <i>Metallomics</i> , 2021, 13, .	1.0	4
125	The set of triple-resonance sequences with a multiple quantum coherence evolution period. <i>Journal of Magnetic Resonance</i> , 2004, 171, 338-344.	1.2	3
126	¹ H, ¹⁵ N, ¹³ C resonance assignment of plant dehydrin early response to dehydration 10 (ERD10). <i>Biomolecular NMR Assignments</i> , 2017, 11, 127-131.	0.4	3

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127	X-ray wavefunction refinement and comprehensive structural studies on bromo-substituted analogues of 2-deoxy-d-glucose in solid state and solution. RSC Advances, 2022, 12, 8345-8360.	1.7	3
128	Comparison of electrochemical- and nuclear magnetic resonance spectroscopy methods for determination of diffusion coefficients in gel environment. Electrochimica Acta, 2014, 144, 228-234.	2.6	2
129	Synthesis of rigid tryptophan mimetics by the diastereoselective Pictet-Spengler reaction of L ³ -tryptophan derivatives with chiral L-amino aldehydes. Journal of Peptide Science, 2015, 21, 893-904.	0.8	2
130	Insight into human insulin aggregation revisited using NMR derived translational diffusion parameters. Journal of Biomolecular NMR, 2018, 71, 101-114.	1.6	2
131	15N and 13C solid-state nuclear magnetic resonance study of 5-thiomethyltetrazole. Solid State Nuclear Magnetic Resonance, 1995, 4, 121-124.	1.5	1
132	High resolution 4D HPCH experiment for sequential assignment of 13C-labeled RNAs via phosphodiester backbone. Journal of Biomolecular NMR, 2015, 63, 291-298.	1.6	1
133	Nuclear overhauser spectroscopy of chiral CHD methylene groups. Journal of Biomolecular NMR, 2016, 64, 27-37.	1.6	1
134	1H, 13C and 15N backbone resonance assignment of BRCA1 fragment 219-504. Biomolecular NMR Assignments, 2020, 14, 289-293.	0.4	1
135	Application of adiabatic inversion pulses for elimination of baseline distortions in Fourier transform NMR. A natural abundance 17O NMR spectrum for gaseous acetone. , 2000, 38, 459.		1
136	Progress in structural studies of proteins by NMR spectroscopy. Polimery, 2007, 52, 736-744.	0.4	1
137	NMR Studies of Chiral Recognition by Cyclodextrins. ChemInform, 2004, 35, no.	0.1	0
138	Probing Local Backbone Geometries in Intrinsically Disordered Proteins by Cross-Correlated NMR Relaxation. Angewandte Chemie, 2013, 125, 4702-4704.	1.6	0
139	Nonuniform Sampling Methods in NMR Data Acquisition. , 2017, , 418-422.		0
140	Structural analysis of 25-hydroxycholesterol stereoisomers differing in configuration in position 17 and 20, by three-dimensional NMR spectra. Steroids, 2019, 143, 49-52.	0.8	0