

Wiktor Kozminski

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8291417/wiktor-kozminski-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

139
papers

2,944
citations

29
h-index

46
g-index

141
ext. papers

3,321
ext. citations

3.7
avg, IF

5.12
L-index

#	Paper	IF	Citations
139	Two-dimensional Fourier transform of arbitrarily sampled NMR data sets. <i>Journal of Magnetic Resonance</i> , 2006 , 179, 323-8	3	114
138	NMR studies of chiral recognition by cyclodextrins. <i>Chirality</i> , 2004 , 16, 90-105	2.1	95
137	Random sampling of evolution time space and Fourier transform processing. <i>Journal of Biomolecular NMR</i> , 2006 , 36, 157-68	3	94
136	Random sampling in multidimensional NMR spectroscopy. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2010 , 57, 420-34	10.4	92
135	Optimization of random time domain sampling in multidimensional NMR. <i>Journal of Magnetic Resonance</i> , 2008 , 192, 123-30	3	85
134	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	3	83
133	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, 169-77	3	77
132	Iterative algorithm of discrete Fourier transform for processing randomly sampled NMR data sets. <i>Journal of Biomolecular NMR</i> , 2010 , 47, 65-77	3	74
131	An experimental test of C-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, 2406-7	16.4	72
130	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	3	68
129	Lineshapes and artifacts in Multidimensional Fourier Transform of arbitrary sampled NMR data sets. <i>Journal of Magnetic Resonance</i> , 2007 , 188, 344-56	3	67
128	Narrow peaks and high dimensionalities: exploiting the advantages of random sampling. <i>Journal of Magnetic Resonance</i> , 2009 , 197, 219-28	3	66
127	Multiple quadrature detection in reduced dimensionality experiments. <i>Journal of Biomolecular NMR</i> , 2003 , 26, 157-66	3	64
126	Sensitivity improvement and new acquisition scheme of heteronuclear active-coupling-pattern-tilting spectroscopy. <i>Journal of Magnetic Resonance</i> , 2000 , 142, 294-9	3	64
125	Speeding up sequence specific assignment of IDPs. <i>Journal of Biomolecular NMR</i> , 2012 , 53, 293-301	3	63
124	Non-uniform frequency domain for optimal exploitation of non-uniform sampling. <i>Journal of Magnetic Resonance</i> , 2010 , 205, 286-92	3	61
123	The RxLR Motif of the Host Targeting Effector AVR3a of <i>Is</i> Cleaved before Secretion. <i>Plant Cell</i> , 2017 , 29, 1184-1195	11.6	55

122	Iterative thresholding algorithm for multiexponential decay applied to PGSE NMR data. <i>Analytical Chemistry</i> , 2013 , 85, 1828-33	7.8	53
121	High dimensional and high resolution pulse sequences for backbone resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2012 , 52, 329-37	3	48
120	Simplified multiplet pattern HSQC-TOCSY experiment for accurate determination of long-range heteronuclear coupling constants. <i>Journal of Magnetic Resonance</i> , 1999 , 137, 408-12	3	45
119	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	3	43
118	Structure and Dynamics of the Huntingtin Exon-1 N-Terminus: A Resolution NMR Perspective. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1168-1176	16.4	40
117	High-dimensionality ¹³ C direct-detected NMR experiments for the automatic assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2013 , 57, 353-61	3	39
116	KAgF3, K2AgF4 and K3Ag2F7: important steps towards a layered antiferromagnetic fluoroargentate(II). <i>CrystEngComm</i> , 2009 , 11, 1702	3.3	32
115	¹⁵ NH4 ⁺ ion movement inside d(G4T4G4)2 G-quadruplex is accelerated in the presence of smaller Na ⁺ ions. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 1970-3	3.9	32
114	¹⁸⁷ Os NMR Study of (β-Arene)osmium(II) Complexes: Separation of Electronic and Steric Ligand Effects <i>Organometallics</i> , 1996 , 15, 3124-3135	3.8	31
113	A set of 4D NMR experiments of enhanced resolution for easy resonance assignment in proteins. <i>Journal of Magnetic Resonance</i> , 2010 , 202, 109-16	3	30
112	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	2.1	29
111	⁵⁷ Fe NMR Study of Ligand Effects in Cyclopentadienyliron Complexes <i>Organometallics</i> , 1996 , 15, 2469-2477	3.4	29
110	Analysis of complex reacting mixtures by time-resolved 2D NMR. <i>Analytical Chemistry</i> , 2015 , 87, 1337-43	7.8	28
109	"CON-CON" assignment strategy for highly flexible intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2014 , 60, 209-18	3	28
108	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, 8847-51	3.6	28
107	¹⁵ N, ¹³ C and ¹ H nuclear magnetic shielding and spin-spin coupling constants of ¹ - ¹³ C, ¹⁵ N-enriched acetonitrile in gaseous mixtures with SF ₆ and CO ₂ . <i>Chemical Physics Letters</i> , 2002 , 358, 263-270	2.5	28
106	Applications of high dimensionality experiments to biomolecular NMR. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2015 , 90-91, 49-73	10.4	27
105	Protonation-dependent conformational variability of intrinsically disordered proteins. <i>Protein Science</i> , 2013 , 22, 1196-205	6.3	27

104	High-dimensional NMR spectra for structural studies of biomolecules. <i>ChemPhysChem</i> , 2013 , 14, 3015-25.	25.2	27
103	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	2.7	27
102	Generalized Fourier transform for non-uniform sampled data. <i>Topics in Current Chemistry</i> , 2012 , 316, 79-124		26
101	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, 2917-30	5.4	25
100	Polymorphism of a Model Arylboronic Azaester: Combined Experimental and Computational Studies. <i>Crystal Growth and Design</i> , 2011 , 11, 1835-1845	3.5	25
99	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, 2034-47	4.3	23
98	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, 5778-84	3.6	23
97	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, 5404-5	16.4	23
96	An improved 33S nuclear magnetic shielding scale from the gas-phase study of COS. <i>Magnetic Resonance in Chemistry</i> , 2002 , 40, 563-565	2.1	23
95	Effects of Intermolecular Interactions on 33S Magnetic Shielding in Gaseous SF ₆ . <i>Journal of Physical Chemistry A</i> , 2002 , 106, 2829-2832	2.8	22
94	NMR manifestations and molecular dynamics modeling of chiral recognition of β -pinenes by β -cyclodextrin. <i>Journal of Molecular Structure</i> , 2000 , 523, 205-212	3.4	22
93	Metal-coupled folding as the driving force for the extreme stability of Rad50 zinc hook dimer assembly. <i>Scientific Reports</i> , 2016 , 6, 36346	4.9	22
92	Accelerating diffusion-ordered NMR spectroscopy by joint sparse sampling of diffusion and time dimensions. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6464-7	16.4	21
91	Diastereoselective Pictet-Spengler condensation of tryptophan with α -amino aldehydes as chiral carbonyl components. <i>Tetrahedron</i> , 2008 , 64, 1506-1514	2.4	21
90	The studies of tautomerism in 6-mercaptopurine 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.	3.4	21
89	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	3	20
88	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		20
87	Determination of heteronuclear coupling constants from 3D HSQC-TOCSY experiment with optimized random sampling of evolution time space. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 205-9	2.1	19

86	Direct insight into insulin aggregation by 2D NMR complemented by PFGSE NMR. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008 , 71, 1057-65	4.2	19
85	¹⁵ N, ¹³ C and ¹ H nuclear magnetic shielding and spin-spin coupling in gaseous ¹⁵ N-enriched methylamine. <i>Journal of Molecular Structure</i> , 2004 , 704, 305-309	3.4	16
84	On the impossibility of determination of stepwise binding constants for the 1 : 2 complex of (+)-camphor with alpha-cyclodextrin. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 581-4	3.9	16
83	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	2.1	16
82	Reconstruction of non-uniformly sampled five-dimensional NMR spectra by signal separation algorithm. <i>Journal of Biomolecular NMR</i> , 2017 , 68, 129-138	3	15
81	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		15
80	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	3.8	14
79	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, 283-90	3	14
78	Complete (¹ H and (¹³ C) signal assignment of prenol-10 with 3D NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 825-9	2.1	14
77	Efficient compensation of low-frequency magnetic field disturbances in NMR with fluxgate sensors. <i>Journal of Magnetic Resonance</i> , 2005 , 174, 287-91	3	14
76	Sensitive Measurement of One-Bond Carbon-Carbon Spin Coupling Constants at Natural Isotope Abundance. <i>Magnetic Resonance in Chemistry</i> , 1996 , 34, 311-315	2.1	14
75	Artifacts in time-resolved NUS: A case study of NOE build-up curves from 2D NOESY. <i>Journal of Magnetic Resonance</i> , 2016 , 265, 108-16	3	13
74	Probing local backbone geometries in intrinsically disordered proteins by cross-correlated NMR relaxation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4604-6	16.4	13
73	Study of near-symmetric cyclodextrins by compressed sensing 2D NMR. <i>Magnetic Resonance in Chemistry</i> , 2013 , 51, 110-5	2.1	13
72	Polymorphism of Fluoroargentates(II): Facile Collapse of a Layered Network of K ₂ AgF ₄ Due to the Insufficient Size of the Potassium Cation. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2919-2925	2.3	13
71	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, 189-93	3	13
70	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	3.4	13
69	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, 171-4	2.1	12

68	NMR of Cyclodextrins and Their Complexes 2006 , 231-254		12
67	^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	1.8	12
66	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	3.7	12
65	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	3	11
64	The new HMQC-based technique for the quantitative determination of heteronuclear coupling constants. Application for the measurement of $^3\text{J}(\text{H}\text{R}(i), \text{P}(i+1))$ in DNA oligomers. <i>Journal of Magnetic Resonance</i> , 2003 , 160, 120-5	3	11
63	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, 185-90	3	11
62	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	3.6	10
61	A Study of Multiple Complexation of β and γ -Cyclodextrins: Surprisingly Differing Stoichiometries of β and γ -Cyclodextrin Complexes. <i>Supramolecular Chemistry</i> , 2004 , 16, 287-292	1.8	10
60	^{57}Fe , ^{13}C Coupling Constants from Inverse Detection Experiments at Natural Isotope Abundance. <i>Magnetic Resonance in Chemistry</i> , 1996 , 34, 89-92	2.1	10
59	Multinuclear magnetic resonance study of some mesoionic 1,3-diphenyltetrazoles with various exocyclic groups. <i>Magnetic Resonance in Chemistry</i> , 1994 , 32, 284-287	2.1	10
58	High-dimensional NMR methods for intrinsically disordered proteins studies. <i>Methods</i> , 2018 , 148, 81-87	4.6	9
57	^1H , ^{13}C and ^{15}N resonance assignments of human BASP1. <i>Biomolecular NMR Assignments</i> , 2013 , 7, 315-9	0.7	9
56	Synthesis and Characterization of 1,2-Disubstituted Vinylsilanes and Their Geometric Differentiation with $^3\text{J}(\text{Si}, \text{H})$ -Coupling Constants. Application of a Novel Heteronuclear J-Resolved NMR Experiment. <i>Organometallics</i> , 1997 , 16, 3128-3134	3.8	9
55	A protein backbone psi and phi angle dependence of $^2\text{J}(\text{N}(i), \text{C}\alpha(i-1))$: the new NMR experiment and quantum chemical calculations. <i>Journal of Biomolecular NMR</i> , 2005 , 31, 87-95	3	9
54	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	2	9
53	4D Non-uniformly sampled C,C-NOESY experiment for sequential assignment of ^{13}C , ^{15}N -labeled RNAs. <i>Journal of Biomolecular NMR</i> , 2013 , 57, 1-9	3	8
52	$^4\text{D} \text{ } ^{13}\text{C}/^1\text{H}$ -selective, non-uniformly sampled 4D HC(P)CH experiment for sequential assignments of (^{13}C -labeled) RNAs. <i>Journal of Biomolecular NMR</i> , 2014 , 60, 91-8	3	8
51	Spin Lattice Relaxation Times of Transition-Metal Nuclei from Inverse-Detection Experiments*. <i>Journal of Magnetic Resonance Series A</i> , 1995 , 116, 262-265		8

50	An X-ray diffraction study of some mesoionic 2,3-diphenyltetrazoles. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993 , 23, 133-141		8
49	The Two Isoforms of Lyn Display Different Intramolecular Fuzzy Complexes with the SH3 Domain. <i>Molecules</i> , 2018 , 23,	4.8	8
48	Five and four dimensional experiments for robust backbone resonance assignment of large intrinsically disordered proteins: application to Tau3x protein. <i>Journal of Biomolecular NMR</i> , 2016 , 65, 193-203	3	7
47	¹ H, ¹⁵ N, ¹³ C resonance assignment of human GAP-43. <i>Biomolecular NMR Assignments</i> , 2016 , 10, 171-4	0.7	7
46	Selective diagonal-free (¹³ C), (¹³ C)-edited aliphatic-aromatic NOESY experiment with non-uniform sampling. <i>Journal of Biomolecular NMR</i> , 2013 , 56, 217-26	3	7
45	Pure-Phase Homo- and Heteronuclear J Spectra with Tilted Cross Peaks for an Accurate Determination of Coupling Constants. <i>Journal of Magnetic Resonance</i> , 1997 , 125, 193-6	3	7
44	J(F,H), J(C,H) and 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. <i>Magnetic Resonance in Chemistry</i> , 2007 , 45, 1040-4	2.1	7
43	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	4.8	7
42	Amino acid recognition for automatic resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2016 , 64, 239-53	3	7
41	Biosynthetic engineered B28(K)-B29(P) human insulin monomer structure in water and in water/acetonitrile solutions. <i>Journal of Biomolecular NMR</i> , 2013 , 55, 303-9	3	6
40	(¹³ C)-detected NMR experiments for automatic resonance assignment of IDPs and multiple-fixing SMFT processing. <i>Journal of Biomolecular NMR</i> , 2015 , 62, 179-90	3	6
39	The tautomeric equilibrium and stereochemistry of β -sulfonyl enamines. <i>New Journal of Chemistry</i> , 2002 , 26, 1060-1069	3.6	6
38	An X-ray study of some 2,3-diphenyltetrazolium salts. <i>Journal of Chemical Crystallography</i> , 1995 , 25, 29-35	5	6
37	Characteristic coupling constants ¹ J(¹³ C- ¹³ C) of some mesoionic methylides containing a diphenyltetrazolium ring. <i>Spectroscopy</i> , 1994 , 12, 21-23		6
36	A ¹³ C and ¹⁵ N NMR study of some mesoionic 4-hydroxy pyrazole derivatives in various solvents. <i>Journal of Molecular Structure</i> , 1991 , 243, 369-372	3.4	6
35	(¹ H), (¹⁵ N), (¹³ C) resonance assignment of human osteopontin. <i>Biomolecular NMR Assignments</i> , 2015 , 9, 289-92	0.7	5
34	Accelerating Diffusion-Ordered NMR Spectroscopy by Joint Sparse Sampling of Diffusion and Time Dimensions. <i>Angewandte Chemie</i> , 2014 , 126, 6582-6585	3.6	5
33	Spatial structure and NMR spectra of strained [2.2.2]cyclophanes. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 407-14	2.1	5

32	Application of the HECADe method to the measurement of long-range heteronuclear ^{13}C , ^1H spin-spin coupling constants in tautomeric sulfonamides. <i>Magnetic Resonance in Chemistry</i> , 2000 , 38, 839-844	2.1	5
31	^{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	2.1	5
30	^{15}N , ^{14}N , ^{13}C and ^1H NMR study of mesoionic methylides and thiocarbonyl ylides with a 2,3-diphenyltetrazolium ring. <i>Journal of Molecular Structure</i> , 1993 , 295, 15-18	3.4	5
29	Novel Cyclic Biphalin Analogues by Ruthenium-Catalyzed Ring Closing Metathesis: and Biological Profile. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 450-456	4.3	4
28	^1H , ^{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, 321-4	0.7	4
27	(^1H) , (^{13}C) , and (^{15}N) chemical shifts assignments for human endothelial monocyte-activating polypeptide EMAP II. <i>Biomolecular NMR Assignments</i> , 2013 , 7, 25-9	0.7	4
26	Peptides and peptidoaldehydes as substrates for the Pictet-Spengler reaction. <i>Journal of Peptide Science</i> , 2013 , 19, 433-40	2.1	4
25	A Traceless, Solid-Supported Synthesis of Turn Mimetics Based on the Hexahydropyrazino[1,2-a]pyrazine-1,2-dione Scaffold. <i>Synthesis</i> , 2010 , 2010, 221-232	2.9	4
24	Conformational Equilibrium of Cinchonidine in CD Solution. Alternative NMR/DFT Approach. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 7832-7841	2.8	4
23	^1H , ^1N , ^1C resonance assignment of plant dehydrin early response to dehydration 10 (ERD10). <i>Biomolecular NMR Assignments</i> , 2017 , 11, 127-131	0.7	3
22	Backbone and partial side chain assignment of the microtubule binding domain of the MAP1B light chain. <i>Biomolecular NMR Assignments</i> , 2014 , 8, 123-7	0.7	3
21	The DQ-HN[CACB] and DQ-HN(CO)[CACB] sequences with evolution of double quantum α - β coherences. <i>Journal of Magnetic Resonance</i> , 2004 , 171, 186-91	3	3
20	The set of triple-resonance sequences with a multiple quantum coherence evolution period. <i>Journal of Magnetic Resonance</i> , 2004 , 171, 338-44	3	3
19	^{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	3.4	3
18	A multinuclear NMR study on some cyclic aminimides and related compounds. <i>Journal of Molecular Structure</i> , 1991 , 243, 365-368	3.4	3
17	Synthesis of rigid tryptophan mimetics by the diastereoselective Pictet-Spengler reaction of homo-tryptophan derivatives with chiral amino aldehydes. <i>Journal of Peptide Science</i> , 2015 , 21, 893-904 ^{2,1}		2
16	Mechanism of Atg9 recruitment by Atg11 in the cytoplasm-to-vacuole targeting pathway.. <i>Journal of Biological Chemistry</i> , 2022 , 101573	5.4	2
15	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,	6.3	2

14	Hyperphosphorylation of Human Osteopontin and Its Impact on Structural Dynamics and Molecular Recognition. <i>Biochemistry</i> , 2021 , 60, 1347-1355	3.2	2
13	Insight into human insulin aggregation revisited using NMR derived translational diffusion parameters. <i>Journal of Biomolecular NMR</i> , 2018 , 71, 101-114	3	1
12	Comparison of electrochemical- and nuclear magnetic resonance spectroscopy methods for determination of diffusion coefficients in gel environment. <i>Electrochimica Acta</i> , 2014 , 144, 228-234	6.7	1
11	¹⁵ N and ¹³ C solid-state nuclear magnetic resonance study of 5-thiomethyltetrazole. <i>Solid State Nuclear Magnetic Resonance</i> , 1995 , 4, 121-4	3.1	1
10	Structure, dynamics, and function of SrnR, a transcription factor for nickel-dependent gene expression. <i>Metallomics</i> , 2021 ,	4.5	1
9	Order from disorder in the sarcomere: FATZ forms a fuzzy but tight complex and phase-separated condensates with F-actin. <i>Science Advances</i> , 2021 , 7,	14.3	1
8	Application of adiabatic inversion pulses for elimination of baseline distortions in Fourier transform NMR. A natural abundance ¹⁷ O NMR spectrum for gaseous acetone 2000 , 38, 459		1
7	High resolution 4D HPCH experiment for sequential assignment of (¹³ C)-labeled RNAs via phosphodiester backbone. <i>Journal of Biomolecular NMR</i> , 2015 , 63, 291-8	3	0
6	H, C and N backbone resonance assignment of BRCA1 fragment 219-504. <i>Biomolecular NMR Assignments</i> , 2020 , 14, 289-293	0.7	0
5	Nonuniform Sampling Methods in NMR Data Acquisition 2017 , 418-422		
4	Nuclear overhauser spectroscopy of chiral CHD methylene groups. <i>Journal of Biomolecular NMR</i> , 2016 , 64, 27-37	3	
3	Probing Local Backbone Geometries in Intrinsically Disordered Proteins by Cross-Correlated NMR Relaxation. <i>Angewandte Chemie</i> , 2013 , 125, 4702-4704	3.6	
2	Structural analysis of 25-hydroxycholesterol stereoisomers differing in configuration in position 17 and 20, by three-dimensional NMR spectra. <i>Steroids</i> , 2019 , 143, 49-52	2.8	
1	X-ray wavefunction refinement and comprehensive structural studies on bromo-substituted analogues of 2-deoxy-d-glucose in solid state and solution.. <i>RSC Advances</i> , 2022 , 12, 8345-8360	3.7	