

Wiktor Kozminski

List of Publications by Year in Descending Order

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

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	Mechanism of Atg9 recruitment by Atg11 in the cytoplasm-to-vacuole targeting pathway.. <i>Journal of Biological Chemistry</i> , 2022 , 101573	5.4	2
138	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	
137	Structure, dynamics, and function of SrnR, a transcription factor for nickel-dependent gene expression. <i>Metallomics</i> , 2021 ,	4.5	1
136	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
135	Hyperphosphorylation of Human Osteopontin and Its Impact on Structural Dynamics and Molecular Recognition. <i>Biochemistry</i> , 2021 , 60, 1347-1355	3.2	2
134	Order from disorder in the sarcomere: FATZ forms a fuzzy but tight complex and phase-separated condensates with F-actinin. <i>Science Advances</i> , 2021 , 7,	14.3	1
133	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
132	H, C and N backbone resonance assignment of BRCA1 fragment 219-504. <i>Biomolecular NMR Assignments</i> , 2020 , 14, 289-293	0.7	0
131	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
130	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	
129	High-dimensional NMR methods for intrinsically disordered proteins studies. <i>Methods</i> , 2018 , 148, 81-87	4.6	9
128	Insight into human insulin aggregation revisited using NMR derived translational diffusion parameters. <i>Journal of Biomolecular NMR</i> , 2018 , 71, 101-114	3	1
127	The Two Isoforms of Lyn Display Different Intramolecular Fuzzy Complexes with the SH3 Domain. <i>Molecules</i> , 2018 , 23,	4.8	8
126	Structure and dynamics of Helicobacter pylori 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
125	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
124	Structure and Dynamics of the Huntingtin Exon-1 N-Terminus: A Solution NMR Perspective. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1168-1176	16.4	40
123	H, N, C resonance assignment of plant dehydrin early response to dehydration 10 (ERD10). <i>Biomolecular NMR Assignments</i> , 2017 , 11, 127-131	0.7	3

122	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
121	Nonuniform Sampling Methods in NMR Data Acquisition 2017 , 418-422		
120	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
119	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
118	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
117	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
116	Nuclear overhauser spectroscopy of chiral CHD methylene groups. <i>Journal of Biomolecular NMR</i> , 2016 , 64, 27-37	3	
115	¹ H, ¹⁵ N, ¹³ C resonance assignment of human GAP-43. <i>Biomolecular NMR Assignments</i> , 2016 , 10, 171-4	0.7	7
114	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
113	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
112	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
111	Amino acid recognition for automatic resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2016 , 64, 239-53	3	7
110	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
109	Applications of high dimensionality experiments to biomolecular NMR. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2015 , 90-91, 49-73	10.4	27
108	(¹ H), (¹⁵ N), (¹³ C) resonance assignment of human osteopontin. <i>Biomolecular NMR Assignments</i> , 2015 , 9, 289-92	0.7	5
107	Analysis of complex reacting mixtures by time-resolved 2D NMR. <i>Analytical Chemistry</i> , 2015 , 87, 1337-43	7.8	28
106	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
105	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

104	Synthesis of rigid tryptophan mimetics by the diastereoselective Pictet-Spengler reaction of β -tryptophan derivatives with chiral amino aldehydes. <i>Journal of Peptide Science</i> , 2015 , 21, 893-904 ^{2,1}	2	2
103	(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
102	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
101	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
100	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
99	C4/H4P-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
98	"CON-CON" assignment strategy for highly flexible intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2014 , 60, 209-18	3	28
97	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
96	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
95	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
94	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
93	Protonation-dependent conformational variability of intrinsically disordered proteins. <i>Protein Science</i> , 2013 , 22, 1196-205	6.3	27
92	^1H , ^{13}C and ^{15}N resonance assignments of human BASP1. <i>Biomolecular NMR Assignments</i> , 2013 , 7, 315-9	0.7	9
91	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
90	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
89	^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
88	Study of near-symmetric cyclodextrins by compressed sensing 2D NMR. <i>Magnetic Resonance in Chemistry</i> , 2013 , 51, 110-5	2.1	13
87	(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, 25-9	0.7	4

86	High-dimensional NMR spectra for structural studies of biomolecules. <i>ChemPhysChem</i> , 2013 , 14, 3015-25.	2	27
85	Iterative thresholding algorithm for multiexponential decay applied to PGSE NMR data. <i>Analytical Chemistry</i> , 2013 , 85, 1828-33	7.8	53
84	Peptides and peptidoaldehydes as substrates for the Pictet-Spengler reaction. <i>Journal of Peptide Science</i> , 2013 , 19, 433-40	2.1	4
83	Probing Local Backbone Geometries in Intrinsically Disordered Proteins by Cross-Correlated NMR Relaxation. <i>Angewandte Chemie</i> , 2013 , 125, 4702-4704	3.6	
82	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
81	Speeding up sequence specific assignment of IDPs. <i>Journal of Biomolecular NMR</i> , 2012 , 53, 293-301	3	63
80	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
79	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
78	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
77	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
76	Generalized Fourier transform for non-uniform sampled data. <i>Topics in Current Chemistry</i> , 2012 , 316, 79-124		26
75	Polymorphism of a Model Arylboronic Azaester: Combined Experimental and Computational Studies. <i>Crystal Growth and Design</i> , 2011 , 11, 1835-1845	3.5	25
74	5D 13C-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
73	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
72	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
71	Non-uniform frequency domain for optimal exploitation of non-uniform sampling. <i>Journal of Magnetic Resonance</i> , 2010 , 205, 286-92	3	61
70	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
69	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

68	Polymorphism of Fluoroargentates(II): Facile Collapse of a Layered Network of K_2AgF_4 Due to the Insufficient Size of the Potassium Cation. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2919-2925	2.3	13
67	Random sampling in multidimensional NMR spectroscopy. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2010 , 57, 420-34	10.4	92
66	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
65	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
64	Spatial structure and NMR spectra of strained [2.2.2]cyclophanes. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 407-14	2.1	5
63	Complete 1H 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
62	Narrow peaks and high dimensionalities: exploiting the advantages of random sampling. <i>Journal of Magnetic Resonance</i> , 2009 , 197, 219-28	3	66
61	$KAgF_3$, K_2AgF_4 and $K_3Ag_2F_7$: important steps towards a layered antiferromagnetic fluoroargentate(II). <i>CrystEngComm</i> , 2009 , 11, 1702	3.3	32
60	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
59	Optimization of random time domain sampling in multidimensional NMR. <i>Journal of Magnetic Resonance</i> , 2008 , 192, 123-30	3	85
58	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
57	Diastereoselective Pictet-Spengler condensation of tryptophan with amino aldehydes as chiral carbonyl components. <i>Tetrahedron</i> , 2008 , 64, 1506-1514	2.4	21
56	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
55	$J(F,H)$, $J(C,H)$ and $J(H,H)$ couplings involving the individual methyl group protons in 1,2,3,4-tetrachloro-5,6,7,8-tetrafluoro-9-methyltryptene. Evidence of blue-shifting hydrogen bond. <i>Magnetic Resonance in Chemistry</i> , 2007 , 45, 1040-4	2.1	7
54	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
53	NMR of Cyclodextrins and Their Complexes 2006 , 231-254		12
52	Two-dimensional Fourier transform of arbitrarily sampled NMR data sets. <i>Journal of Magnetic Resonance</i> , 2006 , 179, 323-8	3	114
51	The studies of tautomerism in 6-mercaptopurine derivatives by 1H ^{13}C , 1H ^{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

50	Random sampling of evolution time space and Fourier transform processing. <i>Journal of Biomolecular NMR</i> , 2006 , 36, 157-68	3	94
49	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
48	A protein backbone psi and phi angle dependence of $2J(N(i), C\alpha(i-1))$: the new NMR experiment and quantum chemical calculations. <i>Journal of Biomolecular NMR</i> , 2005 , 31, 87-95	3	9
47	The DQ-HN[CACB] and DQ-HN(CO)[CACB] sequences with evolution of double quantum $C\alpha-C\beta$ coherences. <i>Journal of Magnetic Resonance</i> , 2004 , 171, 186-91	3	3
46	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
45	NMR studies of chiral recognition by cyclodextrins. <i>Chirality</i> , 2004 , 16, 90-105	2.1	95
44	^{15}N , ^{13}C and 1H 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
43	$^{15}NH_4^+$ ion movement inside $d(G_4T_4G_4)_2$ G-quadruplex is accelerated in the presence of smaller Na^+ ions. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 1970-3	3.9	32
42	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
41	Multiple quadrature detection in reduced dimensionality experiments. <i>Journal of Biomolecular NMR</i> , 2003 , 26, 157-66	3	64
40	The new HMQC-based technique for the quantitative determination of heteronuclear coupling constants. Application for the measurement of $3J(HR(i), P(i+1))$ in DNA oligomers. <i>Journal of Magnetic Resonance</i> , 2003 , 160, 120-5	3	11
39	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
38	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	2.1	23
37	^{15}N , ^{13}C and 1H 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
36	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
35	Effects of Intermolecular Interactions on ^{33}S Magnetic Shielding in Gaseous SF_6 . <i>Journal of Physical Chemistry A</i> , 2002 , 106, 2829-2832	2.8	22
34	The tautomeric equilibrium and stereochemistry of β -sulfonyl enamines. <i>New Journal of Chemistry</i> , 2002 , 26, 1060-1069	3.6	6
33	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

32	Application of the HECADe method to the measurement of long-range heteronuclear $^{13}\text{C}, ^1\text{H}$ spin-spin coupling constants in tautomeric β -sulfonylenamines. <i>Magnetic Resonance in Chemistry</i> , 2000 , 38, 839-844	2.1	5
31	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
30	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
29	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
28	^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
27	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
26	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
25	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
24	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
23	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
22	Synthesis and Characterization of 1,2-Disubstituted Vinylsilanes and Their Geometric Differentiation with $3J(^{29}\text{Si}, ^1\text{H})$ -Coupling Constants. Application of a Novel Heteronuclear J-Resolved NMR Experiment. <i>Organometallics</i> , 1997 , 16, 3128-3134	3.8	9
21	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
20	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
19	^{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
18	^{57}Fe NMR Study of Ligand Effects in Cyclopentadienyliron Complexes <i>Organometallics</i> , 1996 , 15, 2469-2477	3.8	29
17	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
16	^{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
15	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

14	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
13	An X-ray study of some 2,3-diphenyltetrazolium salts. <i>Journal of Chemical Crystallography</i> , 1995 , 25, 29-35	5	6
12	^{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
11	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
10	Characteristic coupling constants $^1J(^{13}\text{C}-^{13}\text{C})$ of some mesoionic methylides containing a diphenyltetrazolium ring. <i>Spectroscopy</i> , 1994 , 12, 21-23		6
9	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
8	^{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
7	^{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
6	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
5	An X-ray diffraction study of some mesoionic 2,3-diphenyltetrazoles. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993 , 23, 133-141		8
4	^{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
3	A multinuclear NMR study on some cyclic aminimides and related compounds. <i>Journal of Molecular Structure</i> , 1991 , 243, 365-368	3.4	3
2	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
1	^{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