

Kiyonori Takegoshi

List of Publications by Year in descending order

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154
papers

4,876
citations

168829

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63
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160
all docs

160
docs citations

160
times ranked

4586
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid survey of nuclear quadrupole resonance by broadband excitation with comb modulation and dual-mode acquisition. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 25584-25592.	1.3	0
2	NH Tautomerism of N-Confused Porphyrin: Solvent/Substituent Effects and Isomerization Mechanism. <i>Journal of Physical Chemistry A</i> , 2020, 124, 5756-5769.	1.1	14
3	Probing dynamics of carbon dioxide in a metal-organic framework under high pressure by high-resolution solid-state NMR. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 14465-14470.	1.3	10
4	Molecular Basis of Mannose Recognition by Pradimicins and their Application to Microbial Cell Surface Imaging. <i>Cell Chemical Biology</i> , 2019, 26, 950-959.e8.	2.5	13
5	Rotational Motion of Ligand-Cysteine on CdSe Magic-Sized Clusters. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14993-14998.	1.5	7
6	Capping Structure of Ligand-Cysteine on CdSe Magic-Sized Clusters. <i>ACS Omega</i> , 2019, 4, 3476-3483.	1.6	24
7	Inner-product NMR spectroscopy: A variant of covariance NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2018, 297, 146-151.	1.2	7
8	Solid-State Nuclear Magnetic Resonance Analysis Reveals a Possible Calcium Binding Site of Pradimicin A. <i>Biochemistry</i> , 2017, 56, 468-472.	1.2	9
9	Rotational resonance for a heteronuclear spin pair under magic-angle spinning in solid-state NMR. <i>Journal of Chemical Physics</i> , 2017, 146, 154202.	1.2	3
10	Quantitative Solid-State NMR Study on Ligand-Surface Interaction in Cysteine-Capped CdSe Magic-Sized Clusters. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2555-2559.	2.1	26
11	Magic-angle turning with double acquisition. <i>Journal of Magnetic Resonance</i> , 2017, 274, 1-6.	1.2	1
12	Determination of nuclear quadrupolar parameters using singularities in field-swept NMR patterns. <i>Journal of Chemical Physics</i> , 2016, 145, 134201.	1.2	4
13	An XO shim coil for precise magic-angle adjustment. <i>Journal of Magnetic Resonance</i> , 2015, 256, 1-8.	1.2	3
14	Hydride in BaTiO _{2.5} H _{0.5} : A Labile Ligand in Solid State Chemistry. <i>Journal of the American Chemical Society</i> , 2015, 137, 15315-15321.	6.6	69
15	Conformational Characterization of Left-Handed Helices in Poly(¹² -benzyl L-aspartate) by ¹³ C Chemical Shift Anisotropy Using Solid-State NMR. <i>Macromolecules</i> , 2015, 48, 629-636.	2.2	0
16	Susceptibility cancellation of a microcoil wound with a paramagnetic-liquid-filled copper capillary. <i>Journal of Magnetic Resonance</i> , 2015, 258, 1-5.	1.2	6
17	Comparison among Magnus/Floquet/Fer expansion schemes in solid-state NMR. <i>Journal of Chemical Physics</i> , 2015, 142, 134201.	1.2	26
18	Proton decoupling and recoupling under double-nutation irradiation in solid-state NMR. <i>Journal of Chemical Physics</i> , 2014, 141, 224202.	1.2	2

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19	Hydrogen cluster/network in tobermorite as studied by multiple-quantum spin counting 1H NMR. Cement and Concrete Research, 2014, 66, 115-120.	4.6	6
20	Local Structure and Spin State of Cobalt Ion at Defect in Lithium Overstoichiometric LiCoO ₂ As Studied by ^{6/7} Li Solid-State NMR Spectroscopy. Journal of Physical Chemistry C, 2014, 118, 15375-15385.	1.5	15
21	COMPOZER-based longitudinal cross-polarization via dipolar coupling under MAS. Journal of Magnetic Resonance, 2014, 245, 94-97.	1.2	3
22	Paramagnetic shimming for wide-range variable-field NMR. Journal of Magnetic Resonance, 2014, 246, 57-61.	1.2	9
23	Spontaneous Lithium Transportation via LiMn ₂ O ₄ /Electrolyte Interface Studied by ^{6/7} Li Solid-State Nuclear Magnetic Resonance. Electrochimica Acta, 2014, 147, 540-544.	2.6	10
24	Site-specific Inhibitory Mechanism for Amyloid β 42 Aggregation by Catechol-type Flavonoids Targeting the Lys Residues. Journal of Biological Chemistry, 2013, 288, 23212-23224.	1.6	192
25	Exploring various modulation-sideband recoupling conditions of SHA+ sequence at fast MAS. Solid State Nuclear Magnetic Resonance, 2013, 55-56, 42-47.	1.5	5
26	A statistical approach for analyzing the development of 1H multiple-quantum coherence in solids. Physical Chemistry Chemical Physics, 2013, 15, 7403.	1.3	3
27	Mannose Binding Geometry of Pradimicin A. Chemistry - A European Journal, 2013, 19, 10516-10525.	1.7	33
28	Ultrasonic Motor Using Two Sector-Shaped Piezoelectric Transducers for Sample Spinning in High Magnetic Field. Journal of Robotics and Mechatronics, 2013, 25, 384-391.	0.5	14
29	Sensitivity of the NMR density matrix to pulse sequence parameters: A simplified analytic approach. Journal of Magnetic Resonance, 2012, 221, 57-68.	1.2	1
30	Very Long Distance Correlations in Proteins Revealed by Solid State NMR Spectroscopy. ChemPhysChem, 2012, 13, 3585-3588.	1.0	19
31	An oxyhydride of BaTiO ₃ exhibiting hydride exchange and electronic conductivity. Nature Materials, 2012, 11, 507-511.	13.3	251
32	Solid-state NMR analysis of the β -strand orientation of the protofibrils of amyloid β -protein. Biochemical and Biophysical Research Communications, 2012, 428, 458-462.	1.0	18
33	Elemental analysis by NMR. Journal of Magnetic Resonance, 2012, 224, 48-52.	1.2	8
34	Homo- and heteronuclear two-dimensional covariance solid-state NMR spectroscopy with a dual-receiver system. Physical Chemistry Chemical Physics, 2012, 14, 9715.	1.3	21
35	Solid-state NMR analysis of calcium and d-mannose binding of BMY-28864, a water-soluble analogue of pradimicin A. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1040-1043.	1.0	11
36	Quantitative cross-polarization at magic-angle spinning frequency of about 20kHz. Journal of Magnetic Resonance, 2012, 214, 340-345.	1.2	15

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37	Mapping of the Primary Mannose Binding Site of Pradimicin A. <i>Journal of the American Chemical Society</i> , 2011, 133, 17485-17493.	6.6	42
38	Solid-state NMR analysis of interaction sites of curcumin and 42-residue amyloid β -protein fibrils. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5967-5974.	1.4	83
39	Sensitive ^{13}C - ^{13}C correlation spectra of amyloid fibrils at very high spinning frequencies and magnetic fields. <i>Journal of Biomolecular NMR</i> , 2011, 50, 129-136.	1.6	22
40	Solid-State NMR Spectroscopic Analysis of the Ca^{2+} -Dependent Mannose Binding of Pradimicin A. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6084-6088.	7.2	28
41	Noise reduction by dynamic signal preemphasis. <i>Journal of Magnetic Resonance</i> , 2011, 208, 305-308.	1.2	5
42	Post-processing of individual signals for de-noising. <i>Journal of Magnetic Resonance</i> , 2011, 211, 52-59.	1.2	6
43	^{10}B and ^{11}B high-resolution NMR studies on boron-doped diamond. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S625-S626.	0.6	4
44	^{14}N Quadrupolar Coupling of Amide Nitrogen and Peptide Secondary Structure As Studied by Solid-State NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 4290-4294.	6.6	9
45	Phase covariance in NMR signal. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11225.	1.3	8
46	Development of a cryogenic duplexer for solid-state nuclear magnetic resonance. <i>Review of Scientific Instruments</i> , 2009, 80, 124702.	0.6	15
47	A cylindrical ultrasonic motor for NMR sample spinning in high magnetic field. , 2009, , .		2
48	Identification of Physiological and Toxic Conformations in $\text{A}\beta_{42}$ Aggregates. <i>ChemBioChem</i> , 2009, 10, 287-295.	1.3	100
49	Improvement of ^1H - ^2H cross polarization under magic-angle spinning by using amplitude/frequency modulation. <i>Solid State Nuclear Magnetic Resonance</i> , 2009, 36, 172-176.	1.5	8
50	Efficient cross-polarization using a composite $\text{O}\hat{\text{A}}^\circ$ pulse for NMR studies on static solids. <i>Journal of Magnetic Resonance</i> , 2009, 196, 105-109.	1.2	20
51	Thermodynamics in Conformational Transition of Poly(β -benzyl L -aspartate) As Studied by High-Resolution Solid-State ^{13}C NMR Spectroscopy. <i>Macromolecules</i> , 2009, 42, 9307-9311.	2.2	6
52	$^{10}\text{B}/^{11}\text{B}$ 1D/2D solid-state high-resolution NMR studies on boron-doped diamond. <i>Diamond and Related Materials</i> , 2009, 18, 1267-1273.	1.8	13
53	Homonuclear Shift-Correlation Experiment in Solids. , 2008, , 689-693.		0
54	Compensation of effect of field instability by reference deconvolution with phase reconstruction. <i>Journal of Magnetic Resonance</i> , 2008, 191, 128-134.	1.2	15

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55	Combination of ^{13}C – ^{13}C COSY and DARR (COCODARR) in solid-state NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 2008, 34, 151-153.	1.5	10
56	Double-acquisition: Utilization of discarded coherences in a 2D separation experiment using the States method. <i>Journal of Magnetic Resonance</i> , 2008, 194, 300-302.	1.2	8
57	Verification of the C-terminal intramolecular β -sheet in $\text{A}\beta_{42}$ aggregates using solid-state NMR: Implications for potent neurotoxicity through the formation of radicals. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3206-3210.	1.0	26
58	Characterization of boron-doped diamonds using ^{11}B high-resolution NMR at high magnetic fields. <i>Diamond and Related Materials</i> , 2008, 17, 1835-1839.	1.8	6
59	Inhomogeneous NMR Line Shape as a Probe of Microscopic Organization of Bicontinuous Cubic Phases. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6636-6645.	1.2	7
60	Verification of the Intermolecular Parallel β -Sheet in E22K- $\text{A}\beta_{42}$ Aggregates by Solid-State NMR Using Rotational Resonance: Implications for the Supramolecular Arrangement of the Toxic Conformer of $\text{A}\beta_{42}$. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2170-2175.	0.6	18
61	Development of a magic-angle spinning nuclear magnetic resonance probe with a cryogenic detection system for sensitivity enhancement. <i>Review of Scientific Instruments</i> , 2008, 79, 044706.	0.6	32
62	Analysis of ^{11}B NMR Powder Lineshape of MgB_2 in the Normal Conductive Phase. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 044711.	0.7	2
63	The Toxic Conformation of the 42-residue Amyloid β Peptide and Its Relevance to Oxidative Stress in Alzheimers Disease. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 1001-1008.	1.1	24
64	^{11}B Nuclear Magnetic Resonance Study on Existence of Boron–Hydrogen Complex in Boron-Doped Diamond. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L1138-L1140.	0.8	7
65	^{15}N solid-NMR and X-ray diffraction studies of N-confused porphyrins. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, S56-S60.	1.1	6
66	Cross polarization via the non-Zeeman spin reservoirs under MAS. <i>Solid State Nuclear Magnetic Resonance</i> , 2007, 31, 115-118.	1.5	3
67	Two-dimensional ^{11}B – ^{11}B exchange NMR study in mesoporous boron carbon nitride at 21.8T. <i>Solid State Nuclear Magnetic Resonance</i> , 2007, 31, 193-196.	1.5	14
68	Rates of Claisen rearrangement determined with a flow-type high-temperature and high-pressure NMR probe. <i>Journal of Supercritical Fluids</i> , 2007, 42, 104-109.	1.6	6
69	High-resolution NMR with resistive and hybrid magnets: Deconvolution using a field-fluctuation signal. <i>Journal of Magnetic Resonance</i> , 2007, 184, 258-262.	1.2	18
70	^2H Natural-Abundance MAS NMR Spectroscopy: An Alternative Approach to Obtain ^1H Chemical Shifts in Solids. <i>Journal of the American Chemical Society</i> , 2006, 128, 9683-9686.	6.6	19
71	Chemically Nonequivalent Sites in Mesoporous BCN Revealed by Solid-state NMR at 21.8 T. <i>Chemistry Letters</i> , 2006, 35, 986-987.	0.7	22
72	Asymmetric ^{13}C – ^{13}C polarization transfer under dipolar-assisted rotational resonance in magic-angle spinning NMR. <i>Journal of Chemical Physics</i> , 2006, 125, 214503.	1.2	11

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73	Verification of the turn at positions 22 and 23 of the β -amyloid fibrils with Italian mutation using solid-state NMR. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6803-6809.	1.4	42
74	H1 to H2 uniform cross-polarization nuclear magnetic resonance using H2 Lee's "Goldburg irradiation in static powders. <i>Journal of Chemical Physics</i> , 2005, 122, 084322.	1.2	9
75	Structure of β -amyloid fibrils and its relevance to their neurotoxicity: Implications for the pathogenesis of Alzheimer's disease. <i>Journal of Bioscience and Bioengineering</i> , 2005, 99, 437-447.	1.1	84
76	Development of a high-temperature and high-pressure nuclear magnetic resonance probe for studies of chemical reactions in supercritical water. <i>Review of Scientific Instruments</i> , 2004, 75, 467-471.	0.6	5
77	Switching-angle sample spinning NMR probe with a commercially available 20kHz spinning system. <i>Journal of Magnetic Resonance</i> , 2004, 171, 15-19.	1.2	13
78	Sequential Arrangement of β -Valerolactone Enantiomers Enclathrated in Cholic Acid Channels as Studied by ^{13}C Solid-State NMR: Elucidation of the Optical Resolution Mechanism. <i>Journal of the American Chemical Society</i> , 2004, 126, 8769-8776.	6.6	13
79	^{13}C Nuclear Overhauser Polarization ~ Magic-Angle Spinning Nuclear Magnetic Resonance Spectroscopy in Uniformly ^{13}C -Labeled Solid Proteins. <i>Journal of the American Chemical Society</i> , 2004, 126, 3653-3657.	6.6	23
80	Dynamic Nuclear Polarization by Electron Spins in the Photoexcited Triplet State: I. Attainment of Proton Polarization of 0.7 at 105 K in Naphthalene. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 2313-2318.	0.7	34
81	Dynamic Nuclear Polarization by Electron Spins in the Photoexcited Triplet State: II. High Polarization of the Residual Protons in Deuterated Naphthalene. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 2319-2322.	0.7	21
82	^{13}C - ^1H dipolar-driven ^{13}C - ^{13}C recoupling without ^{13}C rf irradiation in nuclear magnetic resonance of rotating solids. <i>Journal of Chemical Physics</i> , 2003, 118, 2325-2341.	1.2	278
83	^{13}C nuclear Overhauser polarization nuclear magnetic resonance in rotating solids: Replacement of cross polarization in uniformly ^{13}C labeled molecules with methyl groups. <i>Journal of Chemical Physics</i> , 2002, 117, 1700-1707.	1.2	32
84	Effects of Xe Gas on Segmental Motion in a Polymer Blend As Studied by ^{13}C and ^{129}Xe High-Pressure MAS NMR. <i>Macromolecules</i> , 2002, 35, 151-154.	2.2	8
85	Zero-field electron spin resonance and theoretical studies of light penetration into single crystal and polycrystalline material doped with molecules photoexcitable to the triplet state via intersystem crossing. <i>Journal of Chemical Physics</i> , 2002, 117, 4940-4946.	1.2	24
86	Indirect High-Resolution Observation of ^{14}N NMR in Rotating Solids. <i>Journal of the American Chemical Society</i> , 2001, 123, 10786-10787.	6.6	22
87	^1H decoupling with third averaging in solid NMR. <i>Chemical Physics Letters</i> , 2001, 341, 540-544.	1.2	52
88	" dipolar-assisted rotational resonance in magic-angle spinning NMR. <i>Chemical Physics Letters</i> , 2001, 344, 631-637.	1.2	928
89	Dynamic nuclear polarization by photoexcited-triplet electron spins in polycrystalline samples. <i>Chemical Physics Letters</i> , 2001, 345, 166-170.	1.2	30
90	Free volume study of amorphous polymers detected by solid-state ^{13}C NMR linewidth experiments. <i>Journal of Chemical Physics</i> , 2001, 115, 8665-8669.	1.2	15

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91	One- and two-dimensional $^{13}\text{C}/^{15}\text{N}$ dipolar correlation experiments under fast magic-angle spinning for determining the peptide dihedral angle ϕ . <i>Solid State Nuclear Magnetic Resonance</i> , 2000, 16, 271-278.	1.5	19
92	Three-dimensional structure determination of a uniformly labeled molecule by frequency-selective dipolar recoupling under magic-angle spinning. <i>Journal of Biomolecular NMR</i> , 2000, 17, 111-123.	1.6	37
93	dipolar recoupling under very fast magic-angle spinning using virtual pulses. <i>Solid State Nuclear Magnetic Resonance</i> , 1999, 13, 203-212.	1.5	27
94	$^{13}\text{C}/^{13}\text{C}$ polarization transfer by resonant interference recoupling under magic-angle spinning in solid-state NMR. <i>Chemical Physics Letters</i> , 1999, 307, 295-302.	1.2	34
95	Narrowband Excitation of ^2H Powder Pattern and Its Application to ^2H 1D Exchange Sample-Turning NMR. <i>Journal of Magnetic Resonance</i> , 1999, 139, 308-313.	1.2	11
96	Dynamic Alternation between Inter- and Intra-Polymer Hydrogen Bonds in a Polymer Complex As Studied by Solid-State ^{13}C 2D Exchange NMR. <i>Macromolecules</i> , 1999, 32, 8914-8917.	2.2	26
97	Determination of the Complete Structure of a Uniformly Labeled Molecule by Rotational Resonance Solid-State NMR in the Tilted Rotating Frame. <i>Journal of the American Chemical Society</i> , 1999, 121, 4064-4065.	6.6	87
98	^{13}C CP/MAS and ^7Li NMR Study of Lithium Perchlorate/Poly(ethylene oxide). <i>Polymer Journal</i> , 1999, 31, 602-608.	1.3	11
99	Solid-state photodimerization of 9-methylanthracene as studied by solid-state NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 1998, 11, 189-196.	1.5	16
100	Polymer Blends and Miscibility. <i>Studies in Physical and Theoretical Chemistry</i> , 1998, , 351-414.	0.0	18
101	^{13}C High-Pressure CPMAS NMR Characterization of the Molecular Motion of Polystyrene Plasticized by CO_2 Gas. <i>Macromolecules</i> , 1997, 30, 6582-6585.	2.2	26
102	^7Li NMR study of Li-doped polyacenic semiconductor (PAS) materials. <i>Synthetic Metals</i> , 1997, 89, 141-147.	2.1	15
103	High-resolution solid state ^{13}C n.m.r. study of the interpolymer interaction, morphology and chain dynamics of the poly(acrylic acid)/poly(ethylene oxide) complex. <i>Polymer</i> , 1997, 38, 2315-2320.	1.8	81
104	^{129}Xe n.m.r. study of free volume and phase separation of the polystyrene/poly(vinyl methyl ether) blend. <i>Polymer</i> , 1997, 38, 5475-5480.	1.8	26
105	Selective Homonuclear Polarization Transfer in the Tilted Rotating Frame under Magic Angle Spinning in Solids. <i>Journal of Magnetic Resonance</i> , 1997, 127, 206-216.	1.2	54
106	Deuteron 2D exchange sample-turning NMR: determination of interbond angles. <i>Chemical Physics Letters</i> , 1996, 260, 159-165.	1.2	23
107	Modulatory resonance recoupling of heteronuclear dipolar interactions under magic angle spinning. <i>Chemical Physics Letters</i> , 1996, 260, 331-335.	1.2	26
108	High-resolution solid-state ^{13}C nuclear magnetic resonance study of a polymer complex: poly(methacrylic acid)/poly(ethylene oxide). <i>Polymer</i> , 1996, 37, 11-18.	1.8	58

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109	Miscibility and Molecular Motion of Poly(methyl acrylate)/Poly(vinyl acetate) Blend as Studied by ¹³ C NMR in the Solid State. <i>Polymer Journal</i> , 1995, 27, 284-291.	1.3	17
110	Rotational resonance in the tilted rotating frame. <i>Chemical Physics Letters</i> , 1995, 232, 424-428.	1.2	88
111	Solid state deuteron NMR study of a polystyrene/poly(vinyl methyl ether) blend. <i>Journal of Molecular Structure</i> , 1995, 355, 1-7.	1.8	10
112	Phase separation and microscopic homogenization of polystyrene/poly(vinyl methyl ether) by solid state ² H NMR. <i>Journal of Molecular Structure</i> , 1995, 355, 9-13.	1.8	6
113	Miscibility, Morphology and Molecular Motion in Polymer Blends. <i>Annual Reports on NMR Spectroscopy</i> , 1995, 30, 97-130.	0.7	17
114	Application of a Two-Dimensional ¹ H- ¹³ C Heteronuclear Correlation Experiment in Solids to Polymer Blends. <i>Polymer Journal</i> , 1994, 26, 1377-1380.	1.3	8
115	¹³ C c.p./m.a.s. n.m.r. study on the miscibility and phase separation of a polystyrene/poly(vinyl methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62 Td (alcohol)/p	1.8	40
116	¹³ C NMR Study of Poly(N-vinylpyrrolidone)â€“Cu(II) Complex in Aqueous Solution. <i>Polymer Journal</i> , 1994, 26, 479-483.	1.3	2
117	¹ H NMR Study of Hindered Internal Rotation and Hydrogen Exchange of Amide Side Chain of Poly(acrylamide) in Aqueous Solution. <i>Polymer Journal</i> , 1994, 26, 485-490.	1.3	3
118	Determination of the ¹⁴ N quadrupole coupling tensor of an â„“-alanine single crystal by overtone NMR. <i>Chemical Physics Letters</i> , 1993, 206, 450-454.	1.2	10
119	Molecular motion in a blend of poly(vinylphenol) and poly(ethylene oxide) as studied by high-resolution solid-state carbon- ¹³ NMR spectroscopy. <i>Macromolecules</i> , 1993, 26, 2198-2201.	2.2	41
120	Miscibility and Inter-Polymer Interactions of the Poly(methyl acrylate)/Poly(vinyl acetate) Blend as Studied by NMR in Solution. <i>Polymer Journal</i> , 1993, 25, 59-64.	1.3	14
121	Solid-State NMR Study of Miscibility and Phase-Separation of Polymer Blend: Polycarbonate/Poly(methyl methacrylate).. <i>Polymer Journal</i> , 1992, 24, 555-562.	1.3	34
122	¹ H Spin-Spin Relaxation and Spin-Diffusion of Poly(vinyl phenol)/Poly(methyl acrylate) Blends.. <i>Polymer Journal</i> , 1992, 24, 1403-1407.	1.3	10
123	Inter-Polymer Interaction of Polymer Blend in Solution as Studied by NMR: Polycarbonate/Poly (methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62 Td (alcohol)/p	1.3	19
124	Nuclear Overhauser effect study on intermolecular interaction and miscibility of polymer blends in the solution state. <i>Macromolecules</i> , 1992, 25, 4871-4875.	2.2	14
125	Composition dependence of the miscibility and phase structure of amorphous/crystalline polymer blends as studied by high-resolution solid-state carbon- ¹³ NMR spectroscopy. <i>Macromolecules</i> , 1992, 25, 2336-2340.	2.2	70
126	High-resolution solid-state ¹³ C nuclear magnetic resonance study on poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (alcohol)/p	1.8	82

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127	Phase separation and thermal degradation of poly(vinyl alcohol)/poly(methacrylic acid) and poly(vinyl Tj ETQq1 1 0,784314 rgBT /Overl 1.8 48		
128	Effects of sample spinning on ^{13}C -NMR. Chemical Physics Letters, 1992, 194, 359-362.	1.2	18
129	Poly(vinylphenol)/poly(methyl acrylate) and poly(vinylphenol)/poly(methyl methacrylate) blends: hydrogen bonding, miscibility, and blending effects on molecular motions as studied by carbon-13 CP/MAS NMR. Macromolecules, 1991, 24, 5756-5762.	2.2	94

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145	Determination of the ^{14}N quadrupole coupling tensors in a single crystal of l-histidine hydrochloride monohydrate by NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 1986, 69, 283-292.	0.5	4
146	Off resonance heteronuclear spin-decoupling in solids. <i>Journal of Magnetic Resonance</i> , 1986, 66, 14-31.	0.5	11
147	Cross polarization using a time-averaged precession frequency. A simple technique to reduce radiofrequency power requirements for magnetization transfer experiments in solids. <i>Journal of Magnetic Resonance</i> , 1986, 67, 356-361.	0.5	8
148	One- and two-dimensional exchange-resolved CP-MAS NMR spectrum of adamantane. <i>Journal of Chemical Physics</i> , 1986, 84, 2084-2090.	1.2	15
149	Intermolecular hydrogen-bonding effects on the ^{13}C NMR shielding tensor of the carbonyl carbon nucleus in a single crystal of dimedone. <i>Journal of Magnetic Resonance</i> , 1985, 65, 34-42.	0.5	9
150	A "magic echo" pulse sequence for the high-resolution NMR spectra of abundant spins in solids. <i>Chemical Physics Letters</i> , 1985, 116, 100-104.	1.2	97
151	Intermolecular spin-diffusion between ^{31}P nuclei in a single crystal of dipotassium β -D-glucose-1-phosphate dihydrate; a 1-D analogue of the 2-D exchange NMR experiment. <i>Chemical Physics Letters</i> , 1985, 113, 123-128.	1.2	36
152	^1H and ^{13}C NMR study on rotation of congested methyl groups in methyl substituted phenanthrenes, fluorenes, and fluorenones. <i>Journal of Chemical Physics</i> , 1984, 80, 1089-1094.	1.2	19
153	Hydrogen bonding and conformational effects on ^{13}C chemical shifts of hydroxybenzaldehydes in the solid state. <i>Chemical Physics Letters</i> , 1983, 99, 189-192.	1.2	21
154	Intermolecular hydrogen-bonding effects on ^{13}C NMR shielding for enol forms of diketones in the solid state. <i>Chemical Physics Letters</i> , 1982, 92, 642-645.	1.2	31