

List of Publications by Citations

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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.

119 papers	2,371 citations	27 h-index	43 g-index
127 ext. papers	2,590 ext. citations	3.6 avg, IF	5.07 L-index

#	Paper	IF	Citations
119	Field-cycling NMR relaxometry of viscous liquids and polymers. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , <b>2012</b> , 63, 33-64	10.4	131
118	NMR RELAXATION IN SOLUTION OF PARAMAGNETIC COMPLEXES: RECENT THEORETICAL PROGRESS FOR S <sub>1/2</sub> . <i>Advances in Inorganic Chemistry</i> , <b>2005</b> , 57, 41-104	2.1	101
117	Comparison of different methods for calculating the paramagnetic relaxation enhancement of nuclear spins as a function of the magnetic field. <i>Journal of Chemical Physics</i> , <b>2008</b> , 128, 052315	3.9	87
116	Solid state field-cycling NMR relaxometry: instrumental improvements and new applications. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , <b>2014</b> , 82, 39-69	10.4	84
115	Nuclear spin relaxation in paramagnetic systems with zero-field splitting and arbitrary electron spin. <i>Physical Chemistry Chemical Physics</i> , <b>2001</b> , 3, 4907-4917	3.6	73
114	Translational and rotational diffusion of glycerol by means of field cycling 1H NMR relaxometry. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 951-7	3.4	70
113	Nuclear magnetic resonance relaxometry as a method of measuring translational diffusion coefficients in liquids. <i>Physical Review E</i> , <b>2012</b> , 85, 020201	2.4	68
112	Determining diffusion coefficients of ionic liquids by means of field cycling nuclear magnetic resonance relaxometry. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 244509	3.9	66
111	Evolution of the dynamic susceptibility in molecular glass formers: results from light scattering, dielectric spectroscopy, and NMR. <i>Journal of Chemical Physics</i> , <b>2013</b> , 138, 12A510	3.9	64
110	Intermolecular relaxation in glycerol as revealed by field cycling 1H NMR relaxometry dilution experiments. <i>Journal of Chemical Physics</i> , <b>2012</b> , 136, 034508	3.9	62
109	Intermolecular spin relaxation and translation diffusion in liquids and polymer melts: insight from field-cycling 1H NMR relaxometry. <i>ChemPhysChem</i> , <b>2013</b> , 14, 3071-81	3.2	55
108	Mean Square Displacement and Reorientational Correlation Function in Entangled Polymer Melts Revealed by Field Cycling 1H and 2H NMR Relaxometry. <i>Macromolecules</i> , <b>2012</b> , 45, 6516-6526	5.5	49
107	Zero-field splitting in nickel(II) complexes: a comparison of DFT and multi-configurational wavefunction calculations. <i>Journal of Chemical Physics</i> , <b>2013</b> , 138, 064304	3.9	45
106	Comparative studies of the dynamics in viscous liquids by means of dielectric spectroscopy and field cycling NMR. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 7847-55	2.8	45
105	Inter- and Intramolecular Relaxation in Molecular Liquids by Field Cycling 1H NMR Relaxometry. <i>Applied Magnetic Resonance</i> , <b>2013</b> , 44, 153-168	0.8	42
104	Protracted Crossover to Reptation Dynamics: A Field Cycling 1H NMR Study Including Extremely Low Frequencies. <i>Macromolecules</i> , <b>2012</b> , 45, 1408-1416	5.5	42
103	Glassy, Rouse, and Entanglement Dynamics As Revealed by Field Cycling 1H NMR Relaxometry. <i>Macromolecules</i> , <b>2012</b> , 45, 2390-2401	5.5	41

102	Quadrupole relaxation enhancement--application to molecular crystals. <i>Solid State Nuclear Magnetic Resonance</i> , <b>2011</b> , 40, 114-20	3.1	40
101	Polymer Dynamics of Polybutadiene in Nanoscopic Confinement As Revealed by Field Cycling $^1\text{H}$ NMR. <i>Macromolecules</i> , <b>2011</b> , 44, 4017-4021	5.5	34
100	General treatment of paramagnetic relaxation enhancement associated with translational diffusion. <i>Journal of Chemical Physics</i> , <b>2009</b> , 130, 174104	3.9	34
99	Nuclear spin relaxation in paramagnetic systems ( $S \geq 1$ ) under fast rotation conditions. <i>Journal of Magnetic Resonance</i> , <b>2003</b> , 162, 229-40	3	31
98	Dynamics of ionic liquids in bulk and in confinement by means of $(^1\text{H})$ NMR relaxometry - BMIM-OcSO <sub>4</sub> in an SiO <sub>2</sub> matrix as an example. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 23184-94	3.6	31
97	Iso-Frictional Mass Dependence of Diffusion of Polymer Melts Revealed by $^1\text{H}$ NMR Relaxometry. <i>Macromolecules</i> , <b>2013</b> , 46, 5538-5548	5.5	28
96	Analysis of $^1\text{H}$ / $^{14}\text{N}$ polarization transfer experiments in molecular crystals. <i>Journal of Physics Condensed Matter</i> , <b>2005</b> , 17, 519-533	1.8	28
95	Revealing the Charge Transport Mechanism in Polymerized Ionic Liquids: Insight from High Pressure Conductivity Studies. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 8082-8092	9.6	27
94	Dynamical properties of EMIM-SCN confined in a SiO matrix by means of $^1\text{H}$ NMR relaxometry. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 32605-32616	3.6	27
93	Outer-sphere nuclear spin relaxation in paramagnetic systems: a low-field theory. <i>Molecular Physics</i> , <b>2001</b> , 99, 1435-1445	1.7	27
92	Joint analysis of ESR lineshapes and $^1\text{H}$ NMRD profiles of DOTA-Gd derivatives by means of the slow motion theory. <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 024508	3.9	26
91	Field-dependent nuclear relaxation of spins $1/2$ induced by dipole-dipole couplings to quadrupole spins: LaF <sub>3</sub> crystals as an example. <i>Journal of Magnetic Resonance</i> , <b>2006</b> , 179, 250-62	3	26
90	Nuclear and electron spin relaxation in paramagnetic complexes in solution: effects of the quantum nature of molecular vibrations. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 2215-27	3.9	26
89	Nuclear spin relaxation in solution of paramagnetic complexes with large transient zero-field splitting. <i>Molecular Physics</i> , <b>2003</b> , 101, 2861-2874	1.7	25
88	Bi quadrupole relaxation enhancement in solids as a step towards new contrast mechanisms in magnetic resonance imaging. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 12710-12718	3.6	23
87	Field cycling methods as a tool for dynamics investigations in solid state systems: recent theoretical progress. <i>Solid State Nuclear Magnetic Resonance</i> , <b>2009</b> , 35, 152-63	3.1	23
86	Structural characterization, thermal, dielectric, vibrational properties and molecular motions in. <i>Journal of Solid State Chemistry</i> , <b>2009</b> , 182, 2949-2960	3.3	23
85	Extensive NMRD studies of Ni(II) salt solutions in water and water-glycerol mixtures. <i>Journal of Magnetic Resonance</i> , <b>2008</b> , 195, 103-11	3	23

84	Field-dependent proton relaxation in aqueous solutions of some manganese(II) complexes: a new interpretation. <i>Journal of Biological Inorganic Chemistry</i> , <b>2003</b> , 8, 512-518	3.7	23
83	Physical and Structural Characterization of Imidazolium-Based Organic-Inorganic Hybrid: (C <sub>3</sub> N <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> [CoCl <sub>4</sub> ]. <i>Journal of Physical Chemistry A</i> , <b>2016</b> , 120, 2014-21	2.8	22
82	Generalization of the Cole-Davidson and Kohlrausch functions to describe the primary response of glass-forming systems. <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 365101	1.8	21
81	Dynamics of Solid Proteins by Means of Nuclear Magnetic Resonance Relaxometry. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	20
80	Dynamics and ferroelectric phase transition of (C <sub>3</sub> N <sub>2</sub> H <sub>5</sub> ) <sub>5</sub> Bi <sub>2</sub> Br <sub>11</sub> by means of ac calorimetry and <sup>1</sup> H NMR relaxometry. <i>Chemical Physics</i> , <b>2013</b> , 410, 19-24	2.3	20
79	Fluorine dynamics in LaF <sub>3</sub> -type fast ionic conductors [Combined results of NMR and conductivity techniques. <i>Solid State Ionics</i> , <b>2008</b> , 179, 2350-2357	3.3	20
78	( <sup>1</sup> H) NMR relaxometry and quadrupole relaxation enhancement as a sensitive probe of dynamical properties of solids--[C(NH <sub>2</sub> ) <sub>3</sub> ] <sub>3</sub> Bi <sub>2</sub> I <sub>9</sub> as an example. <i>Journal of Chemical Physics</i> , <b>2016</b> , 144, 054501	3.9	20
77	Perspectives of Deuteron Field-Cycling NMR Relaxometry for Probing Molecular Dynamics in Soft Matter. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 7754-66	3.4	19
76	Dynamics of ferroelectric bis(imidazolium) pentachloroantimonate(III) by means of nuclear magnetic resonance <sup>1</sup> H relaxometry and dielectric spectroscopy. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 3564-71	2.8	18
75	<sup>1</sup> H relaxation enhancement induced by nanoparticles in solutions: influence of magnetic properties and diffusion. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 174504	3.9	18
74	Vibrational motions and nuclear spin relaxation in paramagnetic complexes: Hexaaquonickel(II) as an example. <i>Journal of Chemical Physics</i> , <b>2002</b> , 116, 4079-4086	3.9	18
73	Evolution of solid state systems containing mutually coupled dipolar and quadrupole spins: perturbation treatment. <i>Solid State Nuclear Magnetic Resonance</i> , <b>2005</b> , 28, 180-92	3.1	17
72	Simultaneous effects of relaxation and polarization transfer in LaF <sub>3</sub> -type crystals as sources of dynamic information. <i>Solid State Nuclear Magnetic Resonance</i> , <b>2007</b> , 31, 141-52	3.1	16
71	Mechanism of Water Dynamics in Hyaluronic Dermal Fillers Revealed by Nuclear Magnetic Resonance Relaxometry. <i>ChemPhysChem</i> , <b>2019</b> , 20, 2816-2822	3.2	15
70	Long-Time Diffusion in Polymer Melts Revealed by <sup>1</sup> H NMR Relaxometry.. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 96-99	6.6	15
69	Understanding Spin Dynamics		15
68	<sup>1</sup> H relaxation dispersion in solutions of nitroxide radicals: effects of hyperfine interactions with <sup>14</sup> N and <sup>15</sup> N nuclei. <i>Journal of Chemical Physics</i> , <b>2012</b> , 137, 044512	3.9	14
67	Nuclear spin relaxation in ligands outside of the first coordination sphere in a gadolinium (III) complex: Effects of intermolecular forces. <i>Journal of Chemical Physics</i> , <b>2002</b> , 117, 1194-1200	3.9	14

66	1H NMR relaxation in glycerol solutions of nitroxide radicals: effects of translational and rotational dynamics. <i>Journal of Chemical Physics</i> , <b>2012</b> , 136, 114504	3.9	13
65	Complex Nuclear Relaxation Processes in Guanidinium Compounds [C(NH <sub>2</sub> ) <sub>3</sub> ]SbX <sub>2</sub> (X = Br, Cl): Effects of Quadrupolar Interactions. <i>Applied Magnetic Resonance</i> , <b>2010</b> , 39, 233-249	0.8	13
64	Structure and dynamics of [NH(CH)]SbCl by means of H NMR relaxometry - quadrupolar relaxation enhancement effects. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 11197-11205	3.6	12
63	Systematic theoretical investigation of the zero-field splitting in Gd(III) complexes: wave function and density functional approaches. <i>Journal of Chemical Physics</i> , <b>2015</b> , 142, 034304	3.9	12
62	R dispersion contrast at high field with fast field-cycling MRI. <i>Journal of Magnetic Resonance</i> , <b>2018</b> , 290, 68-75	3	12
61	NMR Studies of Solid-State Dynamics. <i>Annual Reports on NMR Spectroscopy</i> , <b>2012</b> , 67-138	1.7	12
60	Verification of the authenticity of drugs by means of NMR relaxometry-Viagra as an example. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 135, 199-205	3.5	11
59	Estimation of the magnitude of quadrupole relaxation enhancement in the context of magnetic resonance imaging contrast. <i>Journal of Chemical Physics</i> , <b>2019</b> , 150, 184306	3.9	11
58	Primary and secondary relaxation process in plastically crystalline cyanocyclohexane studied by 2H nuclear magnetic resonance. II. Quantitative analysis. <i>Journal of Chemical Physics</i> , <b>2013</b> , 138, 074504	3.9	11
57	Transport properties of CsHSO <sub>4</sub> investigated by impedance spectroscopy and nuclear magnetic resonance. <i>Ionics</i> , <b>2008</b> , 14, 223-226	2.7	11
56	Dynamics of [C <sub>3</sub> H <sub>5</sub> N <sub>2</sub> ] <sub>6</sub> [Bi <sub>4</sub> Br <sub>18</sub> ] by means of (1)H NMR relaxometry and quadrupole relaxation enhancement. <i>Journal of Chemical Physics</i> , <b>2015</b> , 142, 204503	3.9	10
55	Field-dependent NMR relaxometry for Food Science: Applications and perspectives. <i>Trends in Food Science and Technology</i> , <b>2021</b> , 110, 513-524	15.3	10
54	Peculiar relaxation dynamics of propylene carbonate derivatives. <i>Journal of Chemical Physics</i> , <b>2019</b> , 150, 044504	3.9	9
53	Dynamics of fluorine ions in LaF <sub>3</sub> -type crystals investigated by NMR lineshape analysis. <i>Journal of Physics Condensed Matter</i> , <b>2006</b> , 18, 1725-1741	1.8	9
52	Slow dynamics of solid proteins - Nuclear magnetic resonance relaxometry versus dielectric spectroscopy. <i>Journal of Magnetic Resonance</i> , <b>2020</b> , 314, 106721	3	8
51	Translational diffusion in paramagnetic liquids by 1H NMR relaxometry: nitroxide radicals in solution. <i>Journal of Chemical Physics</i> , <b>2013</b> , 138, 024506	3.9	8
50	On the problem of field-gradient NMR measurements of intracrystalline diffusion in small crystallites--water in NaA zeolites as an example. <i>Solid State Nuclear Magnetic Resonance</i> , <b>2005</b> , 28, 244-9	3.1	8
49	ESR Studies of Paramagnetic Centers in Pharmaceutical Materials - Cefaclor and Clarithromycin as an Example. <i>Acta Physica Polonica A</i> , <b>2012</b> , 121, 514-517	0.6	8

48	Tuning Nuclear Quadrupole Resonance: A Novel Approach for the Design of Frequency-Selective MRI Contrast Agents. <i>Physical Review X</i> , <b>2018</b> , 8,	9.1	8
47	The indications of tautomeric conversion in amorphous bicalutamide drug. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 110, 117-123	5.1	7
46	Internal dynamics of hydroxymethyl rotation from CH <sub>2</sub> cross-correlated dipolar relaxation in methyl-beta-D-glucopyranoside. <i>Journal of Magnetic Resonance</i> , <b>2004</b> , 167, 273-81	3	7
45	Multi-quantum quadrupole relaxation enhancement effects in Bi compounds. <i>Journal of Chemical Physics</i> , <b>2019</b> , 150, 184309	3.9	6
44	Crystal structure and characterization of a novel ferroelastic ionic crystal: 1-Aminopyridinium iodide (C <sub>5</sub> H <sub>7</sub> N <sub>2</sub> ) <sup>+</sup> I <sup>-</sup> <i>Chemical Physics Letters</i> , <b>2012</b> , 537, 38-47	2.5	6
43	Thermodynamic properties and molecular motions in ferroelectric (C <sub>3</sub> N <sub>2</sub> H <sub>5</sub> ) <sub>5</sub> Sb <sub>2</sub> Br <sub>11</sub> . <i>Chemical Physics</i> , <b>2011</b> , 380, 86-91	2.3	6
42	<sup>13</sup> C NMR lineshapes for the <sup>13</sup> C <sub>2</sub> H <sub>2</sub> H <sub>2</sub> O isotopomeric spin grouping. <i>ChemPhysChem</i> , <b>2002</b> , 3, 933-8	3.2	6
41	Recent development in <sup>1</sup> H NMR relaxometry. <i>Annual Reports on NMR Spectroscopy</i> , <b>2020</b> , 119-184	1.7	6
40	Dynamics of Ionic Liquids in Confinement by Means of NMR Relaxometry-EMIM-FSI in a Silica Matrix as an Example. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
39	Dynamics of Molecular Crystals by Means of ( <sup>1</sup> H) NMR Relaxometry: Dynamical Heterogeneity versus Homogenous Motion. <i>ChemPhysChem</i> , <b>2016</b> , 17, 2329-39	3.2	6
38	Exploring the water mobility in gelatin based soft candies by means of Fast Field Cycling (FFC) Nuclear Magnetic Resonance relaxometry. <i>Journal of Food Engineering</i> , <b>2021</b> , 294, 110422	6	6
37	Model - free approach to quadrupole spin relaxation in solid Bi-aryl compounds. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 23414-23423	3.6	6
36	Dynamic Properties of Glass-Formers Governed by the Frequency Dispersion of the Structural Relaxation: Examples from Prilocaine. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 12699-707	3.4	5
35	<sup>1</sup> H relaxation dispersion in solutions of nitroxide radicals: influence of electron spin relaxation. <i>Journal of Chemical Physics</i> , <b>2013</b> , 138, 124506	3.9	5
34	ESR lineshape and <sup>1</sup> H spin-lattice relaxation dispersion in propylene glycol solutions of nitroxide radicals--joint analysis. <i>Journal of Chemical Physics</i> , <b>2013</b> , 139, 244502	3.9	5
33	Fluorine dynamics in BaF <sub>2</sub> crystal lattice as an example of complex motion in a simple system. <i>Solid State Nuclear Magnetic Resonance</i> , <b>2009</b> , 35, 187-93	3.1	5
32	<sup>13</sup> C NMR Line Shapes in the Study of Dynamics of Perdeuterated Methyl Groups. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 9018-9025	2.8	5
31	Water mobility in cheese by means of Nuclear Magnetic Resonance relaxometry. <i>Journal of Food Engineering</i> , <b>2021</b> , 298, 110483	6	5



30	Segmentation Integrating Watershed and Shape Priors Applied to Cardiac Delayed Enhancement MR Images. <i>Irbm</i> , <b>2017</b> , 38, 224-227	4.8	4
29	NMR relaxation spectroscopy: Interference effects. <i>Applied Magnetic Resonance</i> , <b>1999</b> , 17, 367-374	0.8	4
28	Field Dependent Electron and Quadrupole Spin Relaxation: A Unified Treatment. <i>Acta Physica Polonica A</i> , <b>2007</b> , 111, 215-238	0.6	3
27	Towards applying NMR relaxometry as a diagnostic tool for bone and soft tissue sarcomas: a pilot study. <i>Scientific Reports</i> , <b>2020</b> , 10, 14207	4.9	3
26	<sup>1</sup> H spin lattice relaxation in water solution of <sup>209</sup> Bi counterparts of Gd <sup>3+</sup> -contrast agents. <i>Molecular Physics</i> , <b>2019</b> , 117, 927-934	1.7	3
25	Predicting quadrupole relaxation enhancement peaks in proton R1-NMRD profiles in solid Bi-aryl compounds from NQR parameters. <i>Molecular Physics</i> , <b>2019</b> , 117, 910-920	1.7	3
24	Correlated Dynamics in Ionic Liquids by Means of NMR Relaxometry: Butyltriethylammonium bis(Trifluoromethanesulfonyl)imide as an Example. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
23	Dynamics of solid alanine by means of nuclear magnetic resonance relaxometry. <i>Journal of Chemical Physics</i> , <b>2017</b> , 146, 164501	3.9	2
22	Sn-Based Alloys Synthesized in an Ionic Liquid at Room Temperature: Cu <sub>6</sub> Sn <sub>5</sub> as a Case Study. <i>ChemNanoMat</i> , <b>2020</b> , 6, 639-647	3.5	2
21	Aspects of structural order in <sup>209</sup> Bi-containing particles for potential MRI contrast agents based on quadrupole enhanced relaxation. <i>Molecular Physics</i> , <b>2019</b> , 117, 935-943	1.7	2
20	Nuclear quadrupole resonance lineshape analysis for different motional models: stochastic Liouville approach. <i>Journal of Chemical Physics</i> , <b>2011</b> , 135, 224511	3.9	2
19	Nuclear quadrupole resonance (NQR) enhancement by polarization transfer and its limitation due to relaxation. <i>Journal Physics D: Applied Physics</i> , <b>2007</b> , 40, 7555-7559	3	2
18	Water dynamics in eggs by means of Nuclear Magnetic Resonance relaxometry. <i>Journal of Magnetic Resonance</i> , <b>2021</b> , 327, 106976	3	2
17	Field-dependent paramagnetic relaxation enhancement in solutions of Ni(II): What happens above the NMR proton frequency of 1 GHz?. <i>Journal of Magnetic Resonance</i> , <b>2020</b> , 314, 106737	3	1
16	Dynamics of Tocopherol Acetate: Proton Relaxation Studies Supported by Molecular Dynamics Simulations. <i>Applied Magnetic Resonance</i> , <b>2010</b> , 39, 273-283	0.8	1
15	Nuclear spin relaxation study of aqueous raffinose solution in the presence of a gadolinium contrast agent. <i>Magnetic Resonance in Chemistry</i> , <b>2005</b> , 43, 235-9	2.1	1
14	Relationship between Translational and Rotational Dynamics of Alkyltriethylammonium-Based Ionic Liquids.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
13	Influence of Sample Rotation on the Shape of the Free Induction Decay. <i>Acta Physica Polonica A</i> , <b>1993</b> , 84, 321-325	0.6	1

12	Diffusion in oils versus their viscosity Insight from Nuclear Magnetic Resonance relaxometry. <i>Journal of Food Engineering</i> , <b>2022</b> , 317, 110848	6	1
11	Prospectives and Limitations of Nqr Signal Enhancement by Polarisation Transfer. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , <b>2009</b> , 81-93	0.2	1
10	H spin-lattice NMR relaxation in the presence of residual dipolar interactions - Dipolar relaxation enhancement. <i>Journal of Magnetic Resonance</i> , <b>2020</b> , 318, 106783	3	1
9	Quadrupole relaxation enhancement and polarisation transfer in DMSO solution of [Bi(NO <sub>3</sub> ) <sub>3</sub> (H <sub>2</sub> O) <sub>3</sub> ]*18-crown-6 in solid state. <i>Molecular Physics</i> , <b>2019</b> , 117, 944-951	1.7	1
8	Relationship between macroscopic properties of honey and molecular dynamics Temperature effects. <i>Journal of Food Engineering</i> , <b>2022</b> , 314, 110782	6	1
7	Sensitivity of 2H NMR spectroscopy to motional models: proteins and highly viscous liquids as examples. <i>Journal of Chemical Physics</i> , <b>2012</b> , 136, 244509	3.9	0
6	Relative Cation-Anion Diffusion in Alkyltriethylammonium-Based Ionic Liquids. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5994	6.3	0
5	Dynamics of condensed matter by means of Nuclear Magnetic Resonance Relaxometry. <i>Molecular Physics</i> , <b>2019</b> , 117, 831-831	1.7	
4	1H relaxation and dynamics of triphenylbismuth in deuterated solvents. <i>Molecular Physics</i> , <b>2019</b> , 117, 921-926	1.7	
3	Nuclear spin relaxation in systems of magnetic spheres. <i>Physica B: Condensed Matter</i> , <b>2003</b> , 328, 302-311	2.8	
2	Analysis of the shape of FID signal and NMR spinning sidebands for the Couette flow. <i>Physica B: Condensed Matter</i> , <b>2001</b> , 301, 349-358	2.8	
1	NMR Relaxation and ESR Lineshape of Anisotropically Rotating Paramagnetic Molecules. <i>Acta Physica Polonica A</i> , <b>2012</b> , 121, 527-532	0.6	