

Wojciech Medycki

List of Publications by Year in descending order

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113
papers

1,618
citations

331670

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30
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117
all docs

117
docs citations

117
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and phase transitions in [(CH ₃) ₄ P] ₃ [Sb ₂ Br ₉] and [(CH ₃) ₄ P] ₃ [Bi ₂ Br ₉]. Journal of Solid State Chemistry, 2004, 177, 1575-1584.	2.9	76
2	Ferroelectricity and Ferroelasticity in Organic Inorganic Hybrid (Pyrrolidinium) ₃ [Sb ₂ Cl ₉]. Chemistry of Materials, 2018, 30, 4597-4608.	6.7	65
3	Structure-property relationships in hybrid (C ₃ H ₅ N ₂) ₃ [Sb ₂ I ₉] and (C ₃ H ₅ N ₂) ₃ [Bi ₂ I ₉] isomorphs. Inorganic Chemistry Frontiers, 2016, 3, 1306-1316.	6.0	47
4	Quadrupole relaxation enhancement application to molecular crystals. Solid State Nuclear Magnetic Resonance, 2011, 40, 114-120.	2.3	44
5	Synthesis, crystal structure and phase transitions of a series of imidazolium iodides. CrystEngComm, 2013, 15, 5633.	2.6	38
6	Ferroelectricity in bis(ethylammonium) pentachlorobismuthate(III): synthesis, structure, polar and spectroscopic properties. Inorganic Chemistry Frontiers, 2017, 4, 1281-1286.	6.0	36
7	Structure, phase transition and molecular motions in (C ₅ H ₅ NH)BiCl ₄ . Physical Chemistry Chemical Physics, 2001, 3, 3222-3228.	2.8	34
8	Isostructural phase transition, quasielastic neutron scattering and magnetic resonance studies of a bistable dielectric ion-pair crystal [(CH ₃) ₂ NH] ₂ KCr(CN) ₆ . Dalton Transactions, 2019, 48, 4190-4202.	3.3	34
9	Structural characterization, molecular dynamics, dielectric and spectroscopic properties of tetrakis(pyrazolium) bis(1/2-bromo-tetrabromobismuthate(III)) dihydrate, [C ₃ N ₂ H ₅] ₄ [Bi ₂ Br ₁₀]·2H ₂ O. Solid State Sciences, 2007, 9, 1036-1048.	3.2	32
10	Physical and Structural Characterization of Imidazolium-Based Organic-Inorganic Hybrid: (C ₃ N ₂ H ₅) ₂ [CoCl ₄]. Journal of Physical Chemistry A, 2016, 120, 2014-2021.	2.5	29
11	Structure, phase transitions and molecular motions in 4-aminopyridinium perchlorate. Journal of Physics Condensed Matter, 2002, 14, 8497-8512.	1.8	28
12	Structural characterization, thermal, dielectric, vibrational properties and molecular motions in. Journal of Solid State Chemistry, 2009, 182, 2949-2960.	2.9	28
13	Investigation of structure-properties relationship in a novel family of halogenoantimonates(III) and halogenobismuthates(III) with morpholinium cation: [NH ₂ (C ₂ H ₄) ₂ O]MX ₄ . Crystal structure, phase transitions and dynamics of molecules. Dalton Transactions, 2013, 42, 15069.	3.3	28
14	Anomalous dielectric behaviour in centrosymmetric organic-inorganic hybrid chlorobismuthate(III) containing functional N,N-dimethylethylammonium ligand. Crystal structure and properties. Materials Research Bulletin, 2013, 48, 151-157.	5.2	28
15	Exploring a hybrid ferroelectric with a 1-D perovskite-like structure: bis(pyrrrolidinium) pentachloroantimonate(III). Journal of Materials Chemistry C, 2019, 7, 10360-10370.	5.5	28
16	Symmetry breaking structural phase transitions, dielectric properties and molecular motions of formamidinium cations in 1D and 2D hybrid compounds: (NH ₂ CH ₂) ₃ [Bi ₂ Cl ₉] and (NH ₂ CH ₂) ₃ [Bi ₂ Br ₉]. Dalton Transactions, 2019, 48, 14829-14838.	3.3	28
17	Structure, phase transitions and molecular dynamics in 4-methylpyridinium tetrachloroantimonate(III), [4-CH ₃ C ₅ H ₄ NH][SbCl ₄]. Journal of Physics and Chemistry of Solids, 2004, 65, 871-879.	4.0	26
18	Crystal structure and phase transition of 4-aminopyridinium tetrachlorobismuthate(III), [4-NH ₂ C ₅ H ₄ NH][BiCl ₄], as studied by x-ray diffraction, dielectric, proton NMR and infrared spectroscopy. Journal of Physics Condensed Matter, 2006, 18, 5087-5104.	1.8	26

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19	Investigations of organic-inorganic hybrids based on homopiperidinium cation with haloantimonates(X^{III}) and halobismuthates(Y^{III}). Crystal structures, reversible phase transitions, semiconducting and molecular dynamic properties. Dalton Transactions, 2018, 47, 13507-13522.	3.3	25
20	Field cycling methods as a tool for dynamics investigations in solid state systems: Recent theoretical progress. Solid State Nuclear Magnetic Resonance, 2009, 35, 152-163.	2.3	24
21	Reorientational dynamics of organic cations in perovskite-like coordination polymers. Dalton Transactions, 2018, 47, 17329-17341.	3.3	24
22	Structural characterization, thermal, dielectric, vibrational properties and molecular dynamics of $(\text{C}_5\text{H}_5\text{NH})_3\text{BiCl}_6$. Journal of Molecular Structure, 2009, 932, 6-15.	3.6	22
23	Enormous lattice distortion through an isomorphous phase transition in an organic-inorganic hybrid based on haloantimonate(X^{III}). CrystEngComm, 2016, 18, 6184-6194.	2.6	22
24	The Effect of Low-Temperature Dynamics of the Dimethylammonium Group in $[(\text{CH}_3)_2\text{NH}_2]_3\text{Sb}_2\text{Cl}_9$ on Proton Spin Lattice Relaxation and Narrowing of the Proton NMR Line. Journal of Physical Chemistry A, 2005, 109, 3097-3104.	2.5	21
25	Tris(allylammonium) Hexabromobismuthate(III) - Crystal Structure, Phase Transitions and Thermal, Dielectric, Vibrational and ^1H NMR Properties Over a Range of Temperatures. European Journal of Inorganic Chemistry, 2012, 2012, 636-646.	2.0	21
26	Dynamics and ferroelectric phase transition of $(\text{C}_3\text{N}_2\text{H}_5)_5\text{Bi}_2\text{Br}_{11}$ by means of ac calorimetry and ^1H NMR relaxometry. Chemical Physics, 2013, 410, 19-24.	1.9	21
27	Conformational Stability and Thermal Pathways of Relaxation in Triclosan (Antibacterial/Excipient/Contaminant) in Solid-State: Combined Spectroscopic (^1H NMR) and Computational (Periodic DFT) Study. Journal of Physical Chemistry A, 2015, 119, 4864-4874.	2.5	21
28	Dynamics of Ferroelectric Bis(imidazolium) Pentachloroantimonate(III) by Means of Nuclear Magnetic Resonance ^1H Relaxometry and Dielectric Spectroscopy. Journal of Physical Chemistry A, 2014, 118, 3564-3571.	2.5	20
29	Unprecedented transformation of $[\text{I}^{\text{V}}\text{I}_3]^+$ to $[\text{I}^{\text{V}}\text{I}_4]^+$ polyiodides in the solid state: structures, phase transitions and characterization of dipyrzolinium iodide triiodide. Dalton Transactions, 2015, 44, 18447-18458.	3.3	20
30	A novel method of recognizing liquefied honey. Food Chemistry, 2018, 245, 885-889.	8.2	20
31	Molecular dynamics of the methylammonium cation in $[\text{CH}_3\text{NH}_3]_5\text{Bi}_2\text{Cl}_{11}$. Solid State Nuclear Magnetic Resonance, 1993, 2, 197-200.	2.3	19
32	Molecular dynamics in ferroelectric 4-aminopyridinium tetrachloroantimonate(III), $[\text{4-NH}_2\text{C}_5\text{H}_4\text{NH}][\text{SbCl}_4]$. Solid State Nuclear Magnetic Resonance, 2003, 24, 209-217.	2.3	19
33	Screening Ferroelastic Transitions in Switchable Cyano-Bridged Perovskites: $[\text{CH}_3\text{C}(\text{NH}_2)_2]_2[\text{KM}(\text{CN})_6]$, $\text{M} = \text{Cr}^{3+}$, Fe^{3+} , Co^{3+} . Crystal Structure Characterization, Dielectric Properties, ^1H NMR, and Quasielastic Neutron Scattering Studies. Crystal Growth and Design, 2019, 19, 1526-1537.	3.0	19
34	Polar and antiferroelectric behaviour of a hybrid crystal - piperazinium perchlorate. CrystEngComm, 2015, 17, 3171-3180.	2.6	18
35	Nuclear Magnetic Resonance Investigation of Intramolecular Motions in Methylpyranosides. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1995, 99, 152-157.	0.9	17
36	Phase transitions and molecular motions in $[\text{Cd}(\text{H}_2\text{O})_6](\text{BF}_4)_2$ studied by DSC, ^1H and ^{19}F NMR and FT-MIR. Journal of Solid State Chemistry, 2004, 177, 3795-3804.	2.9	17

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37	Structure and properties of 2-cyanopyridinium perchlorate [2-CNPyH][ClO ₄]. Journal of Physics Condensed Matter, 2006, 18, 3307-3324.	1.8	17
38	Dynamical disorder in 2-methyl-4-nitroaniline and its deuterated analogue crystals studied by Fourier transform infrared and nuclear magnetic resonance. Journal of Chemical Physics, 2009, 131, 144505.	3.0	17
39	Organic-inorganic hybrid crystals, (2,4,6-CH ₃ PyH) ₃ Sb ₂ Cl ₉ and (2,4,6-CH ₃ PyH) ₃ Bi ₂ Cl ₉ . Crystal structure characterization and tunneling of CH ₃ groups studied by ¹ H NMR and neutron spectroscopy. Polyhedron, 2018, 139, 249-256.	2.2	17
40	(C ₃ N ₂ H ₅) ₃ Sb ₂ I ₉ and (C ₃ N ₂ H ₅) ₃ Bi ₂ I ₉ : ferroelastic lead-free hybrid perovskite-like materials as potential semiconducting absorbers. Dalton Transactions, 2022, 51, 1850-1860.	3.3	17
41	A one-dimensional perovskite with ferroelectric and switchable nonlinear optical properties: [azetidinium]CdCl ₃ . Journal of Materials Chemistry C, 2022, 10, 3036-3047.	5.5	17
42	Molecular dynamics of solid furosemide (4-chloro-2-furfurylamino-5-sulfamoyl-benzoic acid) studied by NMR and DFT methods. Chemical Physics Letters, 2006, 430, 127-132.	2.6	16
43	Ferroelasticity and piezoelectricity of organic-inorganic hybrid materials with a one-dimensional anionic structure: so similar, yet so different. CrystEngComm, 2018, 20, 2112-2119.	2.6	16
44	A multiaxial electrical switching in a one-dimensional organic-inorganic (pyrrolidinium) ₂ Cd ₂ I ₆ ferroelectric and photoluminescent crystal. Journal of Materials Chemistry C, 2021, 9, 7665-7676.	5.5	16
45	Phase transitions and molecular motions in [Zn(NH ₃) ₄](BF ₄) ₂ studied by nuclear magnetic resonance, infrared and Raman spectroscopy. Journal of Physics and Chemistry of Solids, 2007, 68, 96-103.	4.0	15
46	¹ H NMR relaxation in glycerol solutions of nitroxide radicals: Effects of translational and rotational dynamics. Journal of Chemical Physics, 2012, 136, 114504.	3.0	15
47	Structural polymorphism in new organic-inorganic hybrid: Pyrazolium bromoantimonates(III) [C ₃ N ₂ H ₅] ₆ Sb ₄ Br ₁₈ ·2H ₂ O (tetragonal and triclinic forms). Thermal, dielectric and proton magnetic resonance (¹ H NMR) studies on the tetragonal form. Solid State Sciences, 2008, 10, 1469-1479.	3.2	14
48	Structure, phase transitions and molecular motions in ferroelastic (C ₄ H ₈ NH ₂)SbCl ₆ ·(C ₄ H ₈ NH ₂)Cl. Journal of Physics Condensed Matter, 2002, 14, 3129-3142.	1.8	13
49	Structure, phase transitions and molecular dynamics in ferroelastic crystal pyrrolidinium hexachloroantimonate(V), [C ₄ H ₈ NH ₂][SbCl ₆]. Solid State Sciences, 2005, 7, 381-390.	3.2	13
50	Complex Nuclear Relaxation Processes in Guanidinium Compounds [C(NH ₂) ₃] ₃ Sb ₂ X ₉ (X=Br, Cl): Effects of Quadrupolar Interactions. Applied Magnetic Resonance, 2010, 39, 233-249.	1.2	13
51	NMR Studies of Solid-State Dynamics. Annual Reports on NMR Spectroscopy, 2012, , 67-138.	1.5	13
52	The structure, phase transition and molecular dynamics of [C(NH ₂) ₃] ₃ [Sb ₂ Br ₉]. Journal of Physics Condensed Matter, 2005, 17, 2509-2528.	1.8	12
53	Structure, phase transitions and molecular dynamics in 4-aminopyridinium hexachloroantimonate(V), [4-NH ₂ C ₅ H ₄ NH][SbCl ₆]. Journal of Molecular Structure, 2006, 783, 88-95.	3.6	12
54	Complex molecular dynamics of (CH ₃ NH ₃) ₅ Bi ₂ Br ₁₁ (MAPBB) protons from NMR relaxation and second moment of NMR spectrum. Journal of Magnetic Resonance, 2011, 211, 207-216.	2.1	12

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55	1H and 2H NMR relaxation study of hydrogen bond dynamics in solid naphthazarin A and C. <i>Molecular Physics</i> , 1998, 93, 323-328.	1.7	12
56	1H NMR studies on molecular motions of 4-aminopyridinium and pyrrolidinium cations in new ferroics. <i>Solid State Nuclear Magnetic Resonance</i> , 2004, 25, 129-132.	2.3	11
57	Structure and Tunneling Splitting Spectra of Methyl Groups of Tetramethylpyrazine in Complexes with Chloranilic and Bromanilic Acids. <i>Journal of Physical Chemistry A</i> , 2014, 118, 7159-7166.	2.5	11
58	Ferroelectricity in a lead free organic-inorganic OD hybrid: formamidinium bromoantimonate. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5025-5028.	5.5	11
59	Crystal structure, dielectric properties and molecular motions of molecules in thiazolium halometalates(III): (C ₃ H ₄ NS) ₆ M ₄ Br ₁₈ ·2H ₂ O (M=Sb, Bi). <i>Journal of Molecular Structure</i> , 2012, 1013, 55-60.	3.6	10
60	Structure and properties of [2-NH ₂ C ₅ H ₄ NH][SbCl ₄] and [2-NH ₂ C ₅ H ₄ NH][SbBr ₄]. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 8155-8172.	1.8	9
61	Complex methyl groups dynamics in [(CH ₃) ₄ P] ₃ Sb ₂ Br ₉ (PBA) from low to high temperatures by proton spin-lattice relaxation and narrowing of proton NMR spectrum. <i>Solid State Nuclear Magnetic Resonance</i> , 2009, 36, 144-150.	2.3	9
62	Widely used hardly known. An insight into electric and dynamic properties of formamidinium iodide. <i>RSC Advances</i> , 2018, 8, 26506-26516.	3.6	9
63	Structural phase transitions coupled with prominent dielectric anomalies and dielectric relaxation in [(CH ₃) ₃ NH] ₂ [KCo(CN) ₆] and mixed [(CH ₃) ₃ NH] ₂ [KFe _x Co _{1-x} (CN) ₆] double perovskite hybrids. <i>Dalton Transactions</i> , 2020, 49, 1830-1838.	3.3	9
64	The structure and switchable dielectric properties of a dabco complex with chromium chloride. <i>Dalton Transactions</i> , 2020, 49, 10394-10401.	3.3	9
65	1H NMR, DSC, dielectric, and dilatometric studies of phase transitions and molecular dynamics in N(C ₂ H ₅) ₄ SbCl ₄ . <i>Physica Status Solidi A</i> , 1994, 144, 81-89.	1.7	8
66	NMR Study of Phase Transitions in New Ferroelectric Crystal (C ₅ H ₅ NH) ₅ Bi ₂ Br ₁₁ . <i>Solid State Nuclear Magnetic Resonance</i> , 2002, 21, 44-52.	2.3	8
67	Application of Schrödinger Equation to Study the Tunnelling Dynamics of Proton Transfer in the Hydrogen Bond of 2,5-Dinitrobenzoic Acid: A Proton T ₁ ρ and Deuteron T ₁ ρ Relaxation Methods. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1351-1357.	2.5	8
68	Vibrational and thermodynamic properties and molecular motions in the incommensurate crystal of morpholinium tetrafluoroborate studied by 1H NMR. <i>Chemical Physics</i> , 2011, 381, 11-20.	1.9	8
69	Phase stability and dynamics of hybrid organic-inorganic crystals [(CH ₃) ₃ PH] ₃ [SbCl ₄] and [(CH ₃) ₃ PH] ₃ [SbBr ₄]: a computational and NMR approach. <i>CrystEngComm</i> , 2016, 18, 2413-2424.	2.6	8
70	Structures and phase transitions in neat 4,4'-di- <i>tert</i> -butyl-2,2'-bipyridyl and in its molecular complexes with either bromanilic or iodanilic acid. <i>CrystEngComm</i> , 2017, 19, 6883-6895.	2.6	8
71	Hybrid organic-inorganic bismuth(III)-based material [4-NH ₂ C ₅ H ₄ NH] ₇ [BiCl ₆] ₂ Cl. Crystal structure, dielectric properties and molecular motions of 4-aminopyridinium cations. <i>Journal of Molecular Structure</i> , 2019, 1179, 297-303.	3.6	8
72	Phase transitions and properties of OD hybrid iodoantimonate(III) and iodobismuthate(III) semiconducting ferroics: [C(NH ₂) ₃] ₃ Bi ₂ I ₉ and [C(NH ₂) ₃] ₃ Sb ₂ I ₉ . <i>Journal of Molecular Structure</i> , 2021, 1226, 129387.	3.6	8

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73	Molecular dynamics in $[N(CH_3)_4]_3Sb_2Cl_9$. Solid State Communications, 1990, 76, 869-871.	1.9	7
74	NMR and Dilatometric Studies on $[N(CH_3)_3]_3M_2X_9$ ($M = Sb, Bi; X = Cl, Br$). Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1993, 48, 748-752.	1.5	7
75	A study of classical and quantum dynamics of protons in polycrystalline 2,5-dinitrobenzoic acid. Molecular Physics, 1995, 86, 257-262.	1.7	7
76	Thermal, dielectric and vibrational properties of ferroelastic $[(CH_3)_3PH]_3[Sb_2Cl_9]$ crystal. Molecular motion of trimethylphosphonium cations studied by proton magnetic resonance. Chemical Physics, 2010, 371, 66-75.	1.9	7
77	Crystal structure and characterization of a novel ferroelastic ionic crystal: 1-Aminopyridinium iodide $(C_5H_7N_2)^+I^-$. Chemical Physics Letters, 2012, 537, 38-47.	2.6	7
78	Complex Mechanism of Relaxation in Solid Chloroxylenol (Antibacterial/Antifungal Agent) Studied by 1H NMR Spectroscopy and Density Functional Theory Calculations. Journal of Physical Chemistry A, 2014, 118, 2209-2219.	2.5	7
79	X-ray structure and investigation of molecular motions by dielectric, vibrational and 1H NMR methods for two organic-inorganic hybrid piperazinium compounds: $(C_4H_{12}N_2)_2[Sb_2Cl_{10}] \cdot 2H_2O$ and $(C_4H_{12}N_2)_2[Sb_2Br_{10}] \cdot 2H_2O$. Materials Research Bulletin, 2018, 104, 202-211.	5.2	7
80	Temperature-Stimulus Responsive Ferroelastic Molecular "Ionic Crystal: $(C_8H_{20}N)_4[BF_4]$. Journal of Physical Chemistry C, 2020, 124, 18209-18218.	3.1	7
81	Symmetry-breaking phase transitions, dielectric and magnetic properties of pyrrolidinium-tetrahalidocobaltates. Inorganic Chemistry Frontiers, 2022, 9, 2353-2364.	6.0	7
82	Classical and quantum molecular dynamics of cation in $(CH_3NH_3)_3Sb_2Br_9$ polycrystal as studied by. Solid State Nuclear Magnetic Resonance, 1999, 14, 137-143.	2.3	6
83	Thermodynamic properties and molecular motions in ferroelectric $(C_3N_2H_5)_5Sb_2Br_{11}$. Chemical Physics, 2011, 380, 86-91.	1.9	6
84	Crystal structure and characterization of the novel hydrogen bonded polar crystal. Journal of Solid State Chemistry, 2012, 187, 35-44.	2.9	6
85	Proton dynamics at low and high temperatures in a novel ferroelectric diammonium hypodiphosphate $(NH_4)_2H_2P_2O_6$ (ADhP) as studied by 1H spin "lattice relaxation time and second moment of NMR line. Journal of Magnetic Resonance, 2013, 231, 54-60.	2.1	6
86	The relationship between reorientational molecular motions and phase transitions in $[Mg(H_2O)_6](BF_4)_2$, studied with the use of 1H and ^{19}F NMR and FT-MIR. Journal of Chemical Physics, 2015, 142, 064507.	3.0	6
87	Crystal structural analysis of methyl-substituted pyrazines with anilic acids: a combined diffraction, inelastic neutron scattering, 1H -NMR study and theoretical approach. CrystEngComm, 2018, 20, 2016-2028.	2.6	6
88	DSC, Dilatometric, Dielectric, and 1H NMR Studies of Phase Transitions and Molecular Motions in $[N(C_2H_5)_4]_3M_2Cl_9$ ($M = Sb, Bi$) Crystals. Physica Status Solidi (B): Basic Research, 1995, 190, 199-210.	1.5	5
89	1H and 2H NMR relaxation study of hydrogen bond dynamics in solid naphthazarin A and C. Molecular Physics, 1998, 93, 323-327.	1.7	5
90	Stability and molecular dynamics of solid lasamide (API of diuretic and antiviral drugs) studied by 1H NMR spectroscopy and DFT methods. Journal of Molecular Structure, 2009, 931, 94-99.	3.6	5

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91	Dielectric and TSC study of semicompatible PVDF/PMMA blends. Polymer Bulletin, 1984, 11, 429-431.	3.3	4
92	Theory of the effect of random rotational jumps on the nuclear spin-lattice relaxation in solids. Journal of Magnetic Resonance, 1991, 92, 377-397.	0.5	4
93	Proton nmr study of molecular dynamics and phase transitions in [NH ₂ (CH ₃) ₂] ₃ Sb ₂ Cl ₉ . Ferroelectrics, 1996, 185, 205-208.	0.6	4
94	¹ H NMR study of molecular dynamics of acetylcholine chloride. Applied Magnetic Resonance, 2004, 26, 357-364.	1.2	4
95	Internal dynamics of (C ₃ N ₂ H ₅) ₅ Bi ₂ Cl ₁₁ studied by IINS, ¹ H NMR and QC methods. Journal of Molecular Structure, 2008, 891, 143-150.	3.6	4
96	Dilatometric, dielectric and NMR studies of structural phase transitions of the (CH ₃ NH ₃) ₃ Bi ₂ Cl ₉ (MACB) crystals. Journal of Molecular Structure, 1996, 385, 145-151.	3.6	3
97	NMR study of monomethylammonium cation in (CH ₃ NH ₃) ₅ Bi ₂ Cl ₁₁ ferroelectric polycrystal. Solid State Nuclear Magnetic Resonance, 1999, 13, 213-218.	2.3	3
98	NMR determination of dynamic parameters of CH ₃ groups in P(CH ₃) ₄ SbCl ₆ . Solid State Nuclear Magnetic Resonance, 1999, 15, 73-77.	2.3	3
99	NMR study of N(CH ₃) ₄ H(ClF ₂ CCOO) ₂ . Solid State Nuclear Magnetic Resonance, 2000, 15, 189-193.	2.3	3
100	NMR study of triglycine sulphate (TGS) in electric field perpendicular to the ferroelectric axis. Solid State Nuclear Magnetic Resonance, 2004, 25, 125-128.	2.3	3
101	Complex dynamics of 1.3.5-trimethylbenzene-2.4.6-D ₃ studied by proton spin-lattice NMR relaxation and second moment of NMR line. Journal of Physics and Chemistry of Solids, 2015, 77, 109-116.	4.0	3
102	Influence of ¹³ C-irradiation on proton spin-lattice relaxation of SBR used as antirads and its ESR investigation. Polymer International, 1994, 34, 135-139.	3.1	2
103	Proton Magnetic Resonance Study of N(CH ₃) ₄ Cation Motion in Ferroelectric N(CH ₃) ₄ H(Cl ₃ CCOO) ₂ . Physica Status Solidi (B): Basic Research, 1997, 199, 213-216.	1.5	2
104	Dynamics of α -Tocopherol Acetate: Proton Relaxation Studies Supported by Molecular Dynamics Simulations. Applied Magnetic Resonance, 2010, 39, 273-283.	1.2	2
105	The influence of structure on the methyl group dynamics of polymorphic complexes: 6,6'-dimethyl-2,2'-dipyridyl with halo derivatives of benzoquinone acids. CrystEngComm, 2020, 22, 6811-6821.	2.6	2
106	³⁵ Cl NQR and ¹⁹ F NMR relaxation studies of CClF ₂ group dynamics in N(CH ₃) ₄ H(ClF ₂ CCOO) ₂ . Solid State Nuclear Magnetic Resonance, 1996, 6, 141-146.	2.3	1
107	CH ₃ NH ₃ ⁺ as a quantum and classical rotor. Phase Transitions, 2003, 76, 867-872.	1.3	1
108	Structure and properties of tris(tetramethylammonium) nonabromodiarсенate(III), [(CH ₃) ₄ N] ₃ [As ₂ Br ₉]. Journal of Physics Condensed Matter, 2007, 19, 236221.	1.8	1

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109	Molecular Motions in Chlorodiazepoxide Studied by ^{35}Cl NQR and ^1H NMR Spectroscopies. Applied Magnetic Resonance, 2008, 34, 121-128.	1.2	1
110	Charge storage in nonmetallized PFA film. Ferroelectrics, 1981, 39, 1244-1244.	0.6	0
111	An efficient method of production of high charge density electrets. Journal of Electrostatics, 1987, 19, 205-207.	1.9	0
112	Proton relaxation studies of ^{17}O hydroxy- and ^{21}O hydroxy-progesterones by ^1H NMR. Applied Magnetic Resonance, 2005, 29, 195-204.	1.2	0
113	^1H NMR Study of Molecular Dynamics of 4-apyH Cation under High Hydrostatic Pressure. Acta Physica Polonica A, 2005, 108, 161-164.	0.5	0