

Elena Charnaya

List of Publications by Year in descending order

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207
papers

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citations

279798

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454955

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207
all docs

207
docs citations

207
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	SANS Studies of the Gallium-Indium Alloy Structure within Regular Nanopores. <i>Nanomaterials</i> , 2022, 12, 2245.	4.1	2
2	Phonon Spectroscopy of the Schottky-Like Low-Energy Paramagnetic Excitations in Garnet Solid Solution Crystals. <i>Journal of Experimental and Theoretical Physics</i> , 2021, 132, 94-101.	0.9	3
3	The morphologic correlation between vortex transformation and upper critical field line in opal-based nanocomposites. <i>Scientific Reports</i> , 2021, 11, 4807.	3.3	2
4	¹²⁵ Te spin-lattice relaxation in a candidate to Weyl semimetals WTe ₂ . <i>Results in Physics</i> , 2021, 21, 103793.	4.1	3
5	Dielectric properties of ferroelectric diisopropylammonium iodide embedded in porous glass. <i>Ferroelectrics</i> , 2021, 575, 56-63.	0.6	0
6	Stabilization of ¹²¹ Ga Structure in Nanostructured Ga-In Alloy. <i>Applied Magnetic Resonance</i> , 2021, 52, 1721-1727.	1.2	1
7	Impact of opal nanoconfinement on the ferroelectric transition in deuterated KDP. <i>Results in Physics</i> , 2021, 26, 104354.	4.1	3
8	Dielectric and Thermal Properties of KNO ₃ Encapsulated in Carbon Nanotubes. <i>Physics of the Solid State</i> , 2021, 63, 872-876.	0.6	5
9	Dielectric and thermal properties of organic ferroelectric (R)-3-quinuclidinol in porous glass. <i>Journal of Physics: Conference Series</i> , 2021, 2103, 012198.	0.4	0
10	Atomic Mobility in the Crystalline Phase of a Nanostructured Ga-In Alloy with the ¹²¹ Ga Structure. <i>Physics of the Solid State</i> , 2021, 63, 1739-1743.	0.6	1
11	NMR Studies of a Nanocomposite Based on Molecular Ferroelectric Diisopropylammonium Bromide. <i>Applied Magnetic Resonance</i> , 2020, 51, 129-134.	1.2	3
12	Acoustic Studies of the Phase Transitions of Melting and Crystallization in Indium Gallium Alloys Embedded in the Pores of Mesoporous Silica Matrices. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2020, 84, 657-661.	0.6	1
13	Structural Evolution of Diisopropylammonium Chloride (DIPAC) Molecular Ferroelectric. <i>Physics of the Solid State</i> , 2020, 62, 1195-1198.	0.6	1
14	Superconductivity in a Ga-Ag nanocomposite with dendritic morphology.. <i>Physica C: Superconductivity and Its Applications</i> , 2020, 574, 1353666.	1.2	3
15	Effect of Nanoconfinement on the Kinetics of Phase Transitions in Organic Ferroelectric DIPAC. <i>Physics of the Solid State</i> , 2020, 62, 1199-1203.	0.6	1
16	Phase transitions in bulk and confined organic ferroelectric DIPAC. <i>Results in Physics</i> , 2020, 17, 103069.	4.1	5
17	Kinetic Characteristics of Phonons and the Structural Heterogeneities of the Monoaluminate Y _{1-x} Er _x AlO ₃ Solid Solutions. <i>Journal of Experimental and Theoretical Physics</i> , 2020, 130, 76-81.	0.9	4
18	Dielectric Properties of C ₆ H ₁₆ NBr/Al ₂ O ₃ Ferroelectric Nanocomposites. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2020, 84, 1569-1572.	0.6	0

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19	Dielectric properties of ferroelectric diisopropylammonium bromide embedded in porous glass. Journal of Physics: Conference Series, 2020, 1697, 012091.	0.4	1
20	Calorimetry of DyxY3 $\hat{\sim}$ xAl5O12 garnet solid solutions in magnetic field. Journal of Applied Physics, 2020, 128, 225101.	2.5	2
21	Dielectric properties of an organic ferroelectric of bromide diisopropylammonium embedded into the pores of nanosized Al2O3 films. Journal of Physics Condensed Matter, 2019, 31, 485704.	1.8	4
22	Liquid $\hat{\leftarrow}$ liquid transition in supercooled gallium alloys under nanoconfinement. Journal of Physics Condensed Matter, 2019, 31, 255101.	1.8	10
23	Features of the Low-Temperature Heat Capacity of Er3 $\hat{\leftarrow}$ TmxAl5O12 Garnet Single Crystals. Journal of Communications Technology and Electronics, 2019, 64, 811-817.	0.5	7
24	Linear and nonlinear dielectric properties of nanocomposites based on the organic ferroelectric of diisopropylammonium bromide. Phase Transitions, 2019, 92, 899-906.	1.3	0
25	Size effects in the ferroelastic LiCsSO4. Ferroelectrics, 2019, 543, 12-17.	0.6	1
26	NMR studies of 3D topological insulators over a large temperature range. IOP Conference Series: Materials Science and Engineering, 2019, 525, 012003.	0.6	0
27	Size Effect in Nanocomposites Based on Molecular Ferroelectric Diisopropylammonium Bromide. Physics of the Solid State, 2019, 61, 134-138.	0.6	10
28	Suppression of the defect contribution to nuclear spin-lattice relaxation by long rf magnetic pulses for the particular case of ²³ NaCl. Results in Physics, 2019, 12, 1202-1203.	4.1	1
29	Low-Temperature Heat Capacity and Phonon Kinetics in Some Rare-Earth Pentaphosphate Single Crystals and Glasses. Journal of Experimental and Theoretical Physics, 2019, 129, 849-854.	0.9	4
30	¹³ C NMR of DIPAC and DIPAB organic ferroelectrics. Journal of Physics Condensed Matter, 2019, 31, 505404.	1.8	0
31	⁷⁷ Se Low-Temperature NMR in the Bi2Se3 Single Crystalline Topological Insulator. Applied Magnetic Resonance, 2018, 49, 599-605.	1.2	3
32	Impact of nanoconfinement on the diisopropylammonium chloride (C ₆ H ₁₆ ClN) organic ferroelectric. Phase Transitions, 2018, 91, 293-300.	1.3	17
33	Specific Heat and Phonon Transport in Er-Containing Rare-Earth $\hat{\leftarrow}$ Aluminum Garnets at Liquid-Helium Temperatures. Journal of Experimental and Theoretical Physics, 2018, 127, 705-712.	0.9	6
34	A Possible Liquid $\hat{\leftarrow}$ Liquid Transition in a Ga $\hat{\leftarrow}$ In Melt Introduced into an Opal Matrix. Physics of the Solid State, 2018, 60, 2640-2644.	0.6	3
35	Heat Capacity of Erbium-Doped Gallium-Gadolinium Garnet. Physics of the Solid State, 2018, 60, 1948-1952.	0.6	3
36	Dielectric Properties of Ferroelectric Nanocomposites Based on KD2PO4. Russian Physics Journal, 2018, 61, 989-993.	0.4	3

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37	Heat capacity jumps induced by magnetic field in the Er ₂ HoAl ₅ O ₁₂ garnet. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 330-333.	2.1	7
38	Features of defects of the crystal structure and magnetic properties of an undoped ZnO monocrystal. Journal of Communications Technology and Electronics, 2017, 62, 406-409.	0.5	1
39	Heat capacity of rare-earth aluminum garnets. Journal of Alloys and Compounds, 2017, 717, 183-189.	5.5	17
40	NMR studies of single crystals of the topological insulator Bi ₂ Te ₃ at low temperatures. Physics of the Solid State, 2017, 59, 855-859.	0.6	8
41	NMR and dielectric studies of ferroelectric nanocomposites with KDP. Ferroelectrics, 2017, 514, 50-60.	0.6	5
42	Field-induced magnetic transition in a mixed rare-earth aluminum garnet Er ₂ HoAl ₅ O ₁₂ . Physics of the Solid State, 2017, 59, 733-736.	0.6	5
43	Atomic mobility in a ternary liquid Ga-In-Sn alloy of the eutectic composition. Physics of the Solid State, 2017, 59, 362-367.	0.6	1
44	NMR study of topological insulator Bi ₂ Te ₃ in a wide temperature range. Physics of the Solid State, 2017, 59, 2331-2339.	0.6	9
45	Dynamical shift of NMR lines in nanostructured Ga-In-Sn melt. Physics of the Solid State, 2017, 59, 2481-2485.	0.6	1
46	Transport characteristics of phonons and the specific heat of Y ₂ O ₃ :ZrO ₂ solid solution single crystals. Journal of Experimental and Theoretical Physics, 2017, 125, 768-774.	0.9	12
47	Nuclear magnetic resonance investigation of metallic sodium nanoparticles in porous glass. Physics of the Solid State, 2016, 58, 1234-1238.	0.6	1
48	Nuclear magnetic resonance study of potassium dihydrophosphate. Physics of the Solid State, 2016, 58, 685-688.	0.6	1
49	Acoustic and NMR investigations of melting and crystallization of indium-gallium alloys in pores of synthetic opal matrices. Acoustical Physics, 2016, 62, 306-312.	1.0	8
50	Dielectric studies of ferroelectric nanocomposites with KDP. Ferroelectrics, 2016, 501, 109-113.	0.6	3
51	Polymorphism of Metallic Sodium under Nanoconfinement. Nano Letters, 2016, 16, 791-794.	9.1	7
52	Dielectric studies of ferroelectric NH ₄ HSO ₄ nanoparticles embedded into porous matrices. Ferroelectrics, 2016, 493, 85-92.	0.6	15
53	Size effects on the phase transitions in a thin multiferroic film. Ferroelectrics, 2016, 493, 30-38.	0.6	0
54	Nuclear magnetic resonance study of a Bi ₂ Te ₃ topological insulator. Physics of the Solid State, 2015, 57, 1741-1745.	0.6	10

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55	Phonon spectroscopy of the low-energy excitations in the solid solutions of yttrium-rare-earth metal-aluminum garnets. <i>Journal of Experimental and Theoretical Physics</i> , 2015, 121, 48-53.	0.9	5
56	Diffusion slowdown in the nanostructured liquid Ga-In alloy. <i>Annalen Der Physik</i> , 2015, 527, 248-253.	2.4	4
57	Phase transitions in the $(\text{BaTiO}_3) / (\text{BiFeO}_3)_{1-x}$ composite ceramics: Dielectric studies. <i>Composites Part B: Engineering</i> , 2015, 80, 15-19.	12.0	7
58	The Transverse Ising Model of the Ferroelectric Phase Transition in a System of Coupled Small Particles. <i>Ferroelectrics</i> , 2015, 482, 70-81.	0.6	15
59	Impact of opal nanoconfinement on electronic properties of sodium particles: NMR studies. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 705-709.	2.1	5
60	Linear and nonlinear dielectric properties of BaTiO_3/Si film heterostructures prepared by pulsed laser deposition. <i>Physics of the Solid State</i> , 2015, 57, 395-398.	0.6	4
61	Polymorphism of Ga-In alloys in nanoconfinement conditions. <i>Physics of the Solid State</i> , 2015, 57, 131-135.	0.6	10
62	Acoustic investigation of $\text{NaBi}(\text{MoO}_4)_2$ and $\text{NaBi}(\text{WO}_4)_2$ crystals at high temperatures. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 1306-1309.	0.6	3
63	Elastic anomalies at phase transitions in multiferroics. <i>Acoustical Physics</i> , 2014, 60, 509-514.	1.0	1
64	Full Analysis of the Ferroelectric Phase Transition in a Thin Film with Various Boundary Conditions. <i>Ferroelectrics</i> , 2014, 460, 68-81.	0.6	1
65	Dielectric Studies of Thiourea, $\text{S}(\text{NH}_2)_2$, Embedded into Molecular Sieves. <i>Ferroelectrics</i> , 2014, 471, 109-117.	0.6	5
66	Effect of coupling with strain in multiferroics on phase diagrams and elastic anomalies. <i>Physica B: Condensed Matter</i> , 2014, 443, 49-53.	2.7	6
67	Dielectric properties of the nanoporous MCM-41 matrix filled with the $(\text{NH}_4)_2\text{SO}_4$ ferroelectric. <i>Physics of the Solid State</i> , 2013, 55, 1070-1073.	0.6	10
68	Magnetic properties of some opal-based nanocomposites. <i>Physics of the Solid State</i> , 2013, 55, 629-633.	0.6	4
69	Ac susceptibility studies of a superconducting gallium nanocomposite: Crossover in the upper critical field line and activation barriers. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	5
70	Quantum chemical calculations of intracell potential profile in superionic transition range in LaF_3 . <i>Russian Journal of Electrochemistry</i> , 2013, 49, 1154-1159.	0.9	1
71	Paramagnetic response in a Pb-porous glass nanocomposite superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2013, 495, 221-224.	1.2	3
72	Influence of the fractality of opal matrices on melting and crystallization of decane in pores. <i>Russian Journal of General Chemistry</i> , 2013, 83, 2217-2221.	0.8	1

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73	Phase transitions in KNO ₃ embedded in MCM-41 films with regular nanopores. <i>Physics of the Solid State</i> , 2013, 55, 2566-2570.	0.6	17
74	Superconductivity in Sn nanocomposites. <i>Superconductor Science and Technology</i> , 2013, 26, 055009.	3.5	7
75	Continuous melting and thermal-history-dependent freezing in the confined Na-K eutectic alloy. <i>Physical Review B</i> , 2013, 87, .	3.2	5
76	Order Parameter Distribution and Phase Transition Temperature for a Thin Film With Asymmetric Boundaries. <i>Ferroelectrics</i> , 2012, 437, 8-15.	0.6	2
77	Magnetic properties of porous glass-CuO nanocomposites. <i>Physics of the Solid State</i> , 2012, 54, 1891-1895.	0.6	2
78	The study of the ferroelectric phase transition in nanoscale sodium nitrite by the method of thermal noise. <i>Physics Procedia</i> , 2012, 23, 77-80.	1.2	2
79	Slowdown of atomic diffusion in liquid gallium-indium alloy under different nanoconfinements. <i>Physica B: Condensed Matter</i> , 2012, 407, 2063-2067.	2.7	3
80	Double anomalies in heat capacity and dc and ac magnetization in a superconducting Pb-porous glass nanocomposite. <i>Physica C: Superconductivity and Its Applications</i> , 2012, 477, 51-55.	1.2	4
81	Magnetic and dielectric studies of multiferroic CuO nanoparticles confined to porous glass. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 2921-2925.	2.3	16
82	Dielectric and calorimetric investigations of KNO ₃ in pores of nanoporous silica matrices MCM-41. <i>Physics of the Solid State</i> , 2012, 54, 636-641.	0.6	31
83	Influence of size effects on the Knight shift of NMR lines in the gallium-indium alloy. <i>Physics of the Solid State</i> , 2012, 54, 1104-1107.	0.6	5
84	Ionic mobility and attenuation of ultrasound in doped cerium trifluoride crystals. <i>Russian Journal of Electrochemistry</i> , 2011, 47, 310-315.	0.9	1
85	Acoustic studies of melting and crystallization of indium-gallium alloy in porous glass. <i>Acoustical Physics</i> , 2011, 57, 637-641.	1.0	10
86	Effect of confined geometry on linear and nonlinear dielectric properties of triglycine sulfate near the phase transition. <i>Physics of the Solid State</i> , 2011, 53, 1212-1215.	0.6	26
87	Studies of nanoporous matrices filled with sodium nitrite by nonlinear dielectric spectroscopy. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011, 75, 710-712.	0.6	1
88	Studies of TGS in nanoscale silicate matrices by nonlinear dielectric spectroscopy. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011, 75, 1112-1114.	0.6	4
89	Vortex avalanches in a Pb-porous glass nanocomposite. <i>Physical Review B</i> , 2011, 83, .	3.2	15
90	Magnetization jumps in a lead-porous glass composite: Experiment and simulation. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	10

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91	Incommensurate Phase Transition in a Thin Film. <i>Ferroelectrics</i> , 2011, 413, 399-408.	0.6	6
92	Dielectric properties of crystalline binary $\text{KNO}_3\text{-AgNO}_3$ mixtures embedded in nanoporous silicate matrices. <i>Physics of the Solid State</i> , 2010, 52, 392-396.	0.6	9
93	Ising model for a ferroelectric phase transition in a system of interacting small particles. <i>Physics of the Solid State</i> , 2010, 52, 620-624.	0.6	13
94	Dielectric studies of nanoporous alumina films filled with the Rochelle salt. <i>Physics of the Solid State</i> , 2010, 52, 1444-1447.	0.6	23
95	Effect of a magnetic field on the orientation of the crystallographic axes in tin surface layers. <i>Physics of the Solid State</i> , 2010, 52, 1539-1541.	0.6	1
96	Stabilization of ferroelectricity in KNO_3 embedded into MCM-41 molecular sieves. <i>Physica B: Condensed Matter</i> , 2010, 405, 3299-3302.	2.7	25
97	Structural variations in nanosized confined gallium. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 1570-1573.	2.1	28
98	Double peaks on ac magnetization in a superconducting Pb-porous glass nanocomposite. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 4942-4944.	2.1	3
99	Ferroelastic phase transition in LiCsSO_4 embedded into molecular sieves. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 375, 183-186.	2.1	16
100	Oriented tin on the metal surface obtained by crystallization in magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2712-2714.	2.3	0
101	Specific heat and enthalpy of lattice disordering of LaF_3 superionic crystals. <i>Inorganic Materials</i> , 2010, 46, 1143-1146.	0.8	0
102	Atomic mobility in nanostructured liquid GaIn alloy. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 195108.	1.8	3
103	Size Effects in Fine Barium Titanate Particles. <i>Ferroelectrics</i> , 2010, 400, 135-143.	0.6	12
104	Ferroelectricity in Rochelle Salt Nanoparticles Confined to Porous Alumina. <i>Ferroelectrics</i> , 2010, 396, 3-9.	0.6	22
105	Nonlinear dielectric properties of NaNO_2 in silicate matrices MCM-41. , 2010, , .		0
106	10.1007/s11451-008-3012-x. , 2010, 50, 469.		0
107	Phase transitions in $\text{K}^+\text{Na}^+\text{NO}_3$ embedded into molecular sieves. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 325902.	1.8	19
108	Ferroelectricity and gradual melting in NaNO_2 particles confined within porous alumina. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 2346-2351.	1.5	23

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109	Acoustic studies of melting and crystallization of sodium nitrite nanocrystals in the pores of mesoporous silicate matrices. <i>Acoustical Physics</i> , 2009, 55, 55-60.	1.0	3
110	The effect of melting and crystallization of indium within pores on properties of photonic crystals at different pore fillings. <i>Acoustical Physics</i> , 2009, 55, 816-820.	1.0	3
111	Dielectric studies of a Li-LiIO_3 crystals grown from neutral and alkaline solutions. <i>Physics of the Solid State</i> , 2009, 51, 708-713.	0.6	2
112	Acoustic studies of melting and crystallization of nanostructured decane. <i>Physics of the Solid State</i> , 2009, 51, 823-828.	0.6	7
113	Dielectric properties of mixed $\text{NaNO}_2\text{-KNO}_3$ ferroelectrics in nanoporous silicate matrices. <i>Physics of the Solid State</i> , 2009, 51, 1243-1247.	0.6	13
114	Inhomogeneous configurations in the Lifshitz-type improper incommensurate ferroelectric thin films. <i>Physics of the Solid State</i> , 2009, 51, 1570-1573.	0.6	3
115	MAS NMR studies of nanoporous matrices filled with sodium nitrite. <i>Physics of the Solid State</i> , 2009, 51, 2152-2156.	0.6	5
116	Size Effects on the Incommensurate Phase Transition in Thin Films. <i>Ferroelectrics</i> , 2009, 386, 62-69.	0.6	4
117	Superconductivity and structure of gallium under nanoconfinement. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 455304.	1.8	26
118	Phase transition in sodium bismuth tungstate $\text{NaBi}(\text{WO}_4)_2$ – acoustic studies. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1517-1519.	1.5	3
119	Self-diffusion slowdown in liquid indium and gallium metals under nanoconfinement. <i>Microelectronics Journal</i> , 2008, 39, 566-569.	2.0	2
120	Temperature features of ultrasonic attenuation in photochromic glasses with copper chloride nanocrystals. <i>Acoustical Physics</i> , 2008, 54, 647-653.	1.0	0
121	Acoustic studies of phase transitions in crystals and nanocomposites. <i>Acoustical Physics</i> , 2008, 54, 802-813.	1.0	14
122	Nuclear magnetic resonance study of langatate. <i>Physics of the Solid State</i> , 2008, 50, 469-471.	0.6	0
123	Dielectric and NMR Studies of the superionic conductor AgI embedded in mesoporous silicate matrices. <i>Physics of the Solid State</i> , 2008, 50, 1342-1346.	0.6	8
124	Dielectric Properties of Mesoporous Sieves Filled with NaNO_2 . <i>Ferroelectrics</i> , 2008, 363, 177-186.	0.6	22
125	NMR studies of structure and ferroelectricity for Rochelle salt nanoparticles embedded in mesoporous sieves. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 215205.	1.8	28
126	Nature of the ^{23}Na Spin Relaxation Increase Near the Ferroelectric Phase Transition in Bulk and Confined Sodium Nitrite. <i>Ferroelectrics</i> , 2008, 366, 74-83.	0.6	2

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127	Superionic phase transition in AgI embedded in molecular sieves. Journal of Physics Condensed Matter, 2008, 20, 025214.	1.8	9
128	Investigation of Barium Titanate Nanoparticles by ^{137}Ba NMR. Ferroelectrics, 2008, 363, 215-226.	0.6	8
129	Slowdown of self-diffusion induced by partial freezing in confined liquid indium. Physical Review B, 2007, 75, .	3.2	11
130	Ferroelectricity in an Array of Electrically Coupled Confined Small Particles. Ferroelectrics, 2007, 350, 75-80.	0.6	35
131	Influence of pore size on the Knight shift in liquid tin and mercury in a confined geometry. Journal of Physics Condensed Matter, 2007, 19, 106217.	1.8	3
132	NMR studies of metallic tin confined within porous matrices. Physical Review B, 2007, 75, .	3.2	25
133	Influence of the geometry of a porous network on the phase transition in a ferroelectric embedded in a porous matrix. Physics of the Solid State, 2007, 49, 339-342.	0.6	9
134	Effect of alkali-earth ions on the local structure of $\text{LaAlO}_3\text{-La}_{0.67}\text{A}_{0.33}\text{MnO}_3$ (A = Ca, Sr, Ba) diluted solid solutions: ^{27}Al NMR studies. Physics of the Solid State, 2007, 49, 449-453.	0.6	7
135	Phase transition in a $\text{NaBi}(\text{MoO}_4)_2$ crystal: Acoustic investigations. Physics of the Solid State, 2007, 49, 516-518.	0.6	2
136	Dielectric parameters of mesoporous sieves filled with NaNO_2 . Physics of the Solid State, 2007, 49, 791-795.	0.6	15
137	^{23}Na spin-lattice relaxation in powder Rochelle salt. Physics of the Solid State, 2007, 49, 1326-1329.	0.6	2
138	Possible liquid-liquid transition of gallium confined in opal. Physical Review B, 2006, 74, .	3.2	35
139	Ultrasonic attenuation in a LiIO_3 crystal. Acoustical Physics, 2006, 52, 77-80.	1.0	3
140	Acoustic study of melting and freezing of mercury nanoparticles in porous glasses. Acoustical Physics, 2006, 52, 138-143.	1.0	12
141	Dielectric and NMR studies of nanoporous matrices loaded with sodium nitrite. Physics of the Solid State, 2006, 48, 593-599.	0.6	30
142	Atomic mobility in liquid gallium under nanoconfinement. Physical Review B, 2005, 72, .	3.2	15
143	Coexistence of melted and ferroelectric states in sodium nitrite within mesoporous sieves. Physical Review B, 2005, 72, .	3.2	46
144	Influence of confined geometry on nuclear spin relaxation and self-diffusion in liquid indium. Physical Review B, 2004, 70, .	3.2	13

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145	Ferroelastic phase transition in crystalline $K_3Na(CrO_4)_2$: Acoustic studies. <i>Physics of the Solid State</i> , 2004, 46, 775-779.	0.6	4
146	Fluorine mobility in an aluminum-doped CeF_3 crystal: NMR and conductivity studies. <i>Physics of the Solid State</i> , 2004, 46, 1627-1630.	0.6	7
147	Peculiarities of gallium crystallization in confined geometry. <i>Physics of the Solid State</i> , 2004, 46, 2286-2291.	0.6	10
148	Evolution of $NaNO_2$ in porous matrices. <i>Physics of the Solid State</i> , 2004, 46, 2301-2305.	0.6	10
149	Acoustic studies of the ferroelastic phase transition in the $K_3Na(CrO_4)_2$ crystal. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 240, 240-245.	1.5	5
150	Effect of substitutional order on the relaxation of aluminum nuclei in $Y_3Al_5O_{12}$ mixed garnets. <i>Physics of the Solid State</i> , 2003, 45, 1672-1675.	0.6	4
151	NMR of mercury in porous carbon and silica gel. <i>Physics of the Solid State</i> , 2003, 45, 1802-1807.	0.6	2
152	Inhomogeneous states of a thin-film incommensurate ferroelectric. <i>Physics of the Solid State</i> , 2003, 45, 2166-2170.	0.6	3
153	Size effect in nuclear spin-lattice relaxation and atomic mobility for molten gallium particles. <i>Physics of the Solid State</i> , 2003, 45, 2352-2356.	0.6	5
154	The Knight shift in liquid gallium confined within porous glasses and opals. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 5469-5477.	1.8	11
155	Cluster Calculations of Electric-Field-Gradients at the Ta Site for the Ferroelectric $LiTaO_3$ Crystal. <i>Ferroelectrics</i> , 2003, 282, 1-7.	0.6	3
156	Phenomenological Theory of the Incommensurate Phase Transition in Thin Films. <i>Ferroelectrics</i> , 2003, 297, 29-37.	0.6	9
157	Phenomenological Theory of the Incommensurate Phase Transition in Thin Films. <i>Ferroelectrics</i> , 2003, 297, 29-37.	0.6	2
158	Resonance ultrasound attenuation in the doped CeF_3 superionic crystal. <i>Physical Review B</i> , 2002, 65, .	3.2	4
159	Spin-Lattice Relaxation Enhancement in Liquid Gallium Confined within Nanoporous Matrices. <i>Physical Review Letters</i> , 2002, 88, 097602.	7.8	30
160	^{27}Al and ^{45}Sc NMR Studies of the $Y_3Sc_xAl_{5-x}O_{12}$ Mixed Garnets. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 233, 222-229.	1.5	16
161	Temperature dependence of the spin-lattice relaxation time for quadrupole nuclei under conditions of NMR line saturation. <i>Physics of the Solid State</i> , 2002, 44, 1044-1049.	0.6	4
162	Acoustic studies of melting and freezing for mercury embedded into Vycor glass. <i>Physica B: Condensed Matter</i> , 2001, 299, 56-63.	2.7	19

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