

# Igor Flerov

## List of Publications by Year in descending order

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143  
papers

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361413

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#	ARTICLE	IF	CITATIONS
1	Comparative analysis of elastocaloric and barocaloric effects in single-crystal and ceramic ferroelectric (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> . Scripta Materialia, 2021, 191, 149-154.	5.2	7
2	Investigation of thermal properties and structure of complex fluoride K <sub>3</sub> ZrF <sub>7</sub> . Journal of Fluorine Chemistry, 2021, 241, 109677.	1.7	4
3	Phase transition in RbCdZrF <sub>7</sub> : Structure and thermal properties. Journal of Fluorine Chemistry, 2021, 245, 109748.	1.7	1
4	The role of chemical pressure in the formation of the piezocaloric effect in fluorine-oxide ferroics. Ferroelectrics, 2020, 567, 1-12.	0.6	0
5	Anisotropy of piezocaloric effect at ferroelectric phase transitions in ammonium hydrogen sulphate. Journal of Alloys and Compounds, 2020, 839, 155085.	5.5	4
6	Thermodynamic Properties of Vanadium Oxyptafluoride (IV) (NH <sub>4</sub> ) <sub>3</sub> VOF <sub>5</sub> . Physics of the Solid State, 2020, 62, 1271-1279.	0.6	1
7	Calorimetric, dilatometric and DTA under pressure studies of the phase transitions in elpasolite (NH <sub>4</sub> ) <sub>2</sub> KZrF <sub>7</sub> . Journal of Fluorine Chemistry, 2020, 235, 109523.	1.7	2
8	Thermal expansion and polarization of (1-x)PNN-xPT solid solutions. Integrated Ferroelectrics, 2019, 196, 60-63.	0.7	1
9	Conventional and inverse barocaloric effects in ferroelectric NH <sub>4</sub> HSO <sub>4</sub> . Journal of Alloys and Compounds, 2019, 806, 1047-1051.	5.5	15
10	X-Ray, Dielectric, and Thermophysical Studies of Rubidium Tetrachlorozincate inside Porous Glasses. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 1072-1076.	0.6	1
11	Heat capacity, thermal expansion and barocaloric effect in fluoride $K_2TaF_7$ . Journal of Materials Science, 2019, 54, 14287-14295.	3.7	8
12	Effect of Deuteration on Phase Transitions in Vanadium Dioxotetrafluoride. Physics of the Solid State, 2019, 61, 192-200.	0.6	2
13	Heat capacity, thermal expansion and sensitivity to hydrostatic pressure of $K_2TaF_7$ . Journal of Solid State Chemistry, 2019, 276, 152-158.	2.9	3
14	Study of the Physical Properties and Electrocaloric Effect in the BaTiO <sub>3</sub> Nano- and Microceramics. Physics of the Solid State, 2019, 61, 1052-1061.	0.6	7
15	Effect of Isovalent Cation Substitution on the Thermal, Caloric, and Magnetocaloric Properties of the (La <sub>1-x</sub> Eu <sub>x</sub> ) <sub>0.7</sub> Pb <sub>0.3</sub> MnO <sub>3</sub> Manganites. Physics of the Solid State, 2019, 61, 62-68.	0.6	1
16	Optical and calorimetric studies of K <sub>2</sub> TaF <sub>7</sub> . Journal of Fluorine Chemistry, 2019, 222-223, 75-80.	1.7	2
17	Effect of Sequential Heat Impacts on the Formation of a Stable State of the xLPM-(1-x)PT Multiferroic Composites. Physics of the Solid State, 2018, 60, 2524-2531.	0.6	0
18	Specific Heat and Thermal Expansion of Triglycine Sulfate-Porous Glass Nanocomposites. Physics of the Solid State, 2018, 60, 1338-1343.	0.6	7

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19	Effect of restricted geometry and external pressure on the phase transitions in ammonium hydrogen sulfate confined in a nanoporous glass matrix. <i>Journal of Materials Science</i> , 2018, 53, 12132-12144.	3.7	8
20	Sequence of phase transitions in $(\text{NH}_4)_3\text{SiF}_7$ . <i>Dalton Transactions</i> , 2017, 46, 2609-2617.	3.3	10
21	Effect of Deuteration on the Thermodynamic Properties of Dioxotetrafluoromolybdate(VI), $(\text{NH}_4)_2\text{MoO}_2\text{F}_4$ . <i>Inorganic Chemistry</i> , 2017, 56, 6706-6711.	4.0	1
22	Electrocaloric effect in triglycine sulfate under equilibrium and nonequilibrium thermodynamic conditions. <i>Physics of the Solid State</i> , 2017, 59, 1118-1126.	0.6	9
23	Thermal, optical, and dielectric properties of fluoride $\text{Rb}_2\text{TaF}_7$ . <i>Physics of the Solid State</i> , 2017, 59, 986-991.	0.6	6
24	Thermal, dielectric and barocaloric properties of $\text{NH}_4\text{HSO}_4$ crystallized from an aqueous solution and the melt. <i>Solid State Sciences</i> , 2017, 67, 1-7.	3.2	11
25	$(\text{NH}_4)_3\text{HfF}_7$ : Crystalloptical and calorimetric studies of a number of successive phase transitions. <i>Journal of Fluorine Chemistry</i> , 2017, 204, 45-49.	1.7	4
26	Anomalous behaviour of thermodynamic properties at successive phase transitions in $(\text{NH}_4)_3\text{GeF}_7$ . <i>Journal of Solid State Chemistry</i> , 2017, 256, 162-167.	2.9	5
27	Effect of a restricted geometry on thermal and dielectric properties of $\text{NH}_4\text{HSO}_4$ ferroelectric. <i>Ferroelectrics</i> , 2017, 513, 44-50.	0.6	4
28	Influence of thermal conditions on the electrocaloric effect in a multilayer capacitor based on doped $\text{BaTiO}_3$ . <i>Journal of Advanced Dielectrics</i> , 2017, 07, 1750041.	2.4	10
29	Behaviour of thermal expansion of $(1-x)\text{Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3-x\text{PbTiO}_3$ solid solutions. <i>Proceedings of the Estonian Academy of Sciences</i> , 2017, 66, 363.	1.5	2
30	$T$ - $p$ phase diagrams and the barocaloric effect in materials with successive phase transitions. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 384002.	2.8	21
31	Thermal properties of $(\text{NH}_4)_2\text{MeF}_6 \cdot \text{NH}_4\text{F}$ (Me: Ti, Sn) crystals undergoing transformation between two cubic phases. <i>Ferroelectrics</i> , 2016, 501, 20-25.	0.6	3
32	Thermal properties and phase transition in the fluoride, $(\text{NH}_4)_3\text{SnF}_7$ . <i>Journal of Solid State Chemistry</i> , 2016, 237, 269-273.	2.9	10
33	The structure and phase transitions in oxyfluoride $(\text{NH}_4)_2\text{MoO}_2\text{F}_4$ . <i>Solid State Sciences</i> , 2016, 61, 155-160.	3.2	3
34	Intensive electrocaloric effect in triglycine sulfate under nonequilibrium thermal conditions and periodic electric field. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 2073-2078.	1.5	7
35	Barocaloric effect in ferroelastic fluorides and oxyfluorides. <i>Ferroelectrics</i> , 2016, 500, 153-163.	0.6	8
36	Thermophysical study of structural phase transitions in $\text{Na}_{0.95}\text{Li}_{0.05}\text{NbO}_3$ solid solution. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016, 80, 1046-1050.	0.6	3

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37	Heat capacity and magnetic properties of fluoride CsFe <sub>2</sub> +Fe <sub>3</sub> +F <sub>6</sub> with defect pyrochlore structure. Journal of Solid State Chemistry, 2016, 237, 330-335.	2.9	9
38	Thermal, structural, optical, dielectric and barocaloric properties at ferroelastic phase transition in trigonal (NH <sub>4</sub> ) <sub>2</sub> SnF <sub>6</sub> : A new look at the old compound. Journal of Fluorine Chemistry, 2016, 183, 1-9.	1.7	28
39	Caloric and multicaloric effects in oxygen ferroics and multiferroics. Physics of the Solid State, 2015, 57, 429-441.	0.6	29
40	Magnetization and magnetocaloric effect in La <sub>0.7</sub> Pb <sub>0.3</sub> MnO <sub>3</sub> ceramics and 0.85(La <sub>0.7</sub> Pb <sub>0.3</sub> MnO <sub>3</sub> ) $\hat{a}$ 0.15(PbTiO <sub>3</sub> ) composite. Journal of Materials Research, 2015, 30, 278-285.	2.6	9
41	Reconstructive phase transition in (NH <sub>4</sub> ) <sub>3</sub> TiF <sub>7</sub> accompanied by the ordering of TiF <sub>6</sub> octahedra. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 924-931.	1.1	13
42	Studies of the heat capacity and thermal expansion of the Na <sub>0.95</sub> K <sub>0.05</sub> NbO <sub>3</sub> solid solution. Physics of the Solid State, 2014, 56, 367-372.	0.6	2
43	Structural, spectroscopic, and thermophysical investigations of the oxyfluorides CsZnMoO <sub>3</sub> F <sub>3</sub> and CsMnMoO <sub>3</sub> F <sub>3</sub> with the pyrochlore structure. Physics of the Solid State, 2014, 56, 599-605.	0.6	2
44	Thermal and physical properties of sodium niobate ceramics over a wide temperature range. Physics of the Solid State, 2013, 55, 821-828.	0.6	16
45	Ferroelastic phase transitions in (NH <sub>4</sub> ) <sub>2</sub> TaF <sub>7</sub> . Physics of the Solid State, 2013, 55, 611-618.	0.6	7
46	Investigation into phase diagrams of the fluorine-oxygen system: Ferroelastic-antiferroelectric (NH <sub>4</sub> ) <sub>2</sub> WO <sub>2</sub> F <sub>4</sub> -(NH <sub>4</sub> ) <sub>2</sub> MoO <sub>2</sub> F <sub>4</sub> . Physics of the Solid State, 2013, 55, 409-418.	0.6	6
47	Thermal properties, magneto- and baro-caloric effects in La <sub>0.7</sub> Pb <sub>0.3</sub> MnO <sub>3</sub> single crystal. Journal of Applied Physics, 2013, 113, .	2.5	16
48	Thermal properties and phase transitions in (NH <sub>4</sub> ) <sub>3</sub> ZrF <sub>7</sub> . Journal of Fluorine Chemistry, 2013, 154, 1-6.	1.7	16
49	Refinement of the crystal structure of the high-temperature phase G <sub>0</sub> in (NH <sub>4</sub> ) <sub>2</sub> WO <sub>2</sub> F <sub>4</sub> (powder, X-ray,). Tj ETQq1 1 0.784314 rgBT / 0,6		
50	Caloric effects and phase transitions in ferromagnetic $\hat{a}$ ferroelectric composites <i>x</i> La <sub>0.7</sub> Pb <sub>0.3</sub> MnO <sub>3</sub> $\hat{a}$ (1 $\hat{a}$ ' <i>x</i> )PbTiO <sub>3</sub> . Journal of Materials Research, 2013, 28, 3322-3331.	2.6	8
51	Electrocaloric and Barocaloric Effects in Some Ferroelectric Hydrosulfates and Triglycinesulfate. Ferroelectrics, 2012, 430, 78-83.	0.6	7
52	Investigation of the thermal expansion and heat capacity of the CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics. Physics of the Solid State, 2012, 54, 1785-1789.	0.6	9
53	Caloric characteristics of PbTiO <sub>3</sub> in the temperature range of the ferroelectric phase transition. Physics of the Solid State, 2012, 54, 1832-1840.	0.6	47
54	Synthesis, Structural, Magnetic, and Electronic Properties of Cubic CsMnMoO <sub>3</sub> F <sub>3</sub> Oxyfluoride. Journal of Physical Chemistry C, 2012, 116, 10162-10170.	3.1	52

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55	Heat capacity and structure of Rb <sub>2</sub> KMeO <sub>3</sub> F <sub>3</sub> (Me: Mo, W) elpasolites. Solid State Sciences, 2012, 14, 166-170.	3.2	2
56	Perovskite-like fluorides and oxyfluorides: Phase transitions and caloric effects. Crystallography Reports, 2011, 56, 9-17.	0.6	48
57	Effect of cation substitution in fluorine-oxygen molybdates (NH <sub>4</sub> ) <sub>2</sub> A <sup>x</sup> x MoO <sub>2</sub> F <sub>4</sub> . Physics of the Solid State, 2011, 53, 303-308.	0.6	6
58	Phase transitions and caloric effects in ferroelectric solid solutions of ammonium and rubidium hydrosulfates. Physics of the Solid State, 2011, 53, 510-517.	0.6	22
59	Thermodynamic properties and structure of oxyfluorides Rb <sub>2</sub> KMoO <sub>3</sub> F <sub>3</sub> and K <sub>2</sub> NaMoO <sub>3</sub> F <sub>3</sub> . Physics of the Solid State, 2011, 53, 1202-1211.	0.6	8
60	Specific heat, cell parameters, phase T-p diagram, and permittivity of cryolite (NH <sub>4</sub> ) <sub>3</sub> Nb(O <sub>2</sub> ) <sub>2</sub> F <sub>4</sub> . Physics of the Solid State, 2011, 53, 2147-2153.	0.6	3
61	Thermal expansion and permittivity of (Ba <sub>1-x</sub> Bi <sub>2x/3</sub> )TiO <sub>3</sub> solid solutions. Physics of the Solid State, 2011, 53, 2073-2079.	0.6	2
62	Disorder and phase transitions in oxyfluoride (NH <sub>4</sub> ) <sub>3</sub> Ta(O <sub>2</sub> ) <sub>2</sub> F <sub>4</sub> . Journal of Fluorine Chemistry, 2011, 132, 713-718.	1.7	5
63	Calorimetric and dielectric studies of the (NH <sub>4</sub> ) <sub>2</sub> MoO <sub>2</sub> F <sub>4</sub> oxyfluoride. Physics of the Solid State, 2010, 52, 158-166.	0.6	10
64	Investigation of thermal expansion, phase diagrams, and barocaloric effect in the (NH <sub>4</sub> ) <sub>2</sub> WO <sub>2</sub> F <sub>4</sub> and (NH <sub>4</sub> ) <sub>2</sub> MoO <sub>2</sub> F <sub>4</sub> oxyfluorides. Physics of the Solid State, 2010, 52, 167-175.	0.6	41
65	Barocaloric effect near the structural phase transition in the Rb <sub>2</sub> KTiOF <sub>5</sub> oxyfluoride. Physics of the Solid State, 2010, 52, 377-383.	0.6	33
66	Phase transitions in the (NH <sub>4</sub> ) <sub>2</sub> NbOF <sub>5</sub> oxyfluoride. Physics of the Solid State, 2010, 52, 781-788.	0.6	6
67	Barocaloric Effect in Oxyfluorides Rb <sub>2</sub> KTiOF <sub>5</sub> and (NH <sub>4</sub> ) <sub>2</sub> NbOF <sub>5</sub> . Ferroelectrics, 2010, 397, 76-80.	0.6	23
68	Thermal expansion, phase diagrams and barocaloric effects in (NH <sub>4</sub> ) <sub>2</sub> NbOF <sub>5</sub> . Journal of Physics Condensed Matter, 2010, 22, 185901.	1.8	21
69	10.1007/s11451-008-3014-8. , 2010, 50, 478.		0
70	10.1007/s11451-008-3021-9. , 2010, 50, 515.		0
71	Thermal expansion, polarization and phase diagrams of Ba <sub>1-x</sub> Bi <sub>2y/3</sub> Ti <sub>1-x</sub> Zr <sub>x</sub> O <sub>3</sub> and Ba <sub>1-x</sub> La <sub>y</sub> Ti <sub>1-y</sub> /4O <sub>3</sub> compounds. Journal of Physics Condensed Matter, 2009, 21, 075902.	1.8	5
72	Phase transitions and thermodynamic properties of (NH <sub>4</sub> ) <sub>3</sub> VO <sub>2</sub> F <sub>4</sub> cryolite. Solid State Sciences, 2009, 11, 836-840.	3.2	7

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73	Thermal expansion of $(\text{Ba}_{1-x}\text{La}_x)\text{Ti}_2\text{O}_7$ solid solutions. <i>Physics of the Solid State</i> , 2009, 51, 790-796.	0.6	8
74	Inelastic neutron scattering study of the specific features of the phase transitions in $(\text{NH}_4)_2\text{WO}_2\text{F}_4$ . <i>Physics of the Solid State</i> , 2009, 51, 2362-2366.	0.6	3
75	Thermal behavior of ammonium-containing titanium and germanium fluoride complexes $(\text{NH}_4)_4\text{Li}_2(\text{AF}_6)_3$ and $\text{NH}_4\text{NaAF}_6$ (A = Ge or Ti). <i>Russian Journal of Inorganic Chemistry</i> , 2008, 53, 583-587.	1.3	0
76	Electrocaloric effect and anomalous conductivity of the ferroelectric $\text{NH}_4\text{HSO}_4$ . <i>Physics of the Solid State</i> , 2008, 50, 478-484.	0.6	28
77	Mechanism and nature of phase transitions in the $(\text{NH}_4)_3\text{MoO}_3\text{F}_3$ oxyfluoride. <i>Physics of the Solid State</i> , 2008, 50, 515-524.	0.6	22
78	Adiabatic calorimetric study of the intense magnetocaloric effect and the heat capacity of $(\text{La}_{0.4}\text{Eu}_{0.6})_{0.7}\text{Pb}_{0.3}\text{MnO}_3$ . <i>Physics of the Solid State</i> , 2008, 50, 2115-2120.	0.6	37
79	Heat capacity, p-T phase diagram, and structure of $\text{Rb}_2\text{KTiOF}_5$ . <i>Physics of the Solid State</i> , 2008, 50, 2175-2183.	0.6	20
80	Heat capacity of a mixed-valence manganese oxide $\text{Pb}_3\text{Mn}_7\text{O}_{15}$ . <i>Journal of Physics Condensed Matter</i> , 2008, 20, 445214.	1.8	6
81	Phase Transitions in Oxides, Fluorides and Oxyfluorides with the Ordered Perovskite Structure. <i>Ferroelectrics</i> , 2007, 346, 77-83.	0.6	7
82	Effect of Cationic Substitution on Ferroelectric and Ferroelastic Phase Transitions in Oxyfluorides $\text{A}_2\text{A}'\text{WO}_3\text{F}_3$ (A, A' = K, $\text{NH}_4$ , Cs). <i>Ferroelectrics</i> , 2007, 347, 60-64.	0.6	26
83	Heat capacity and thermal expansion study of $\text{Ba}_{0.9}\text{Bi}_{0.067}(\text{Ti}_{1-x}\text{Zr}_x)\text{O}_3$ ceramics. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 346237.	1.8	0
84	Heat capacity, structure, and p-T phase diagram of elpasolite $(\text{NH}_4)_2\text{KMoO}_3\text{F}_3$ . <i>Physics of the Solid State</i> , 2007, 49, 141-147.	0.6	4
85	Effect of deuteration on the thermal properties and structural parameters of the $(\text{NH}_4)_2\text{WO}_2\text{F}_4$ oxyfluoride. <i>Physics of the Solid State</i> , 2007, 49, 1149-1156.	0.6	7
86	Thermophysical studies of the phase transitions in $(\text{NH}_4)_3\text{NbOF}_6$ crystals. <i>Physics of the Solid State</i> , 2007, 49, 1548-1553.	0.6	15
87	Structural phase transition in elpasolite-like $(\text{NH}_4)_2\text{KWO}_3\text{F}_3$ . <i>Physics of the Solid State</i> , 2006, 48, 106-112.	0.6	11
88	Mechanism of phase transitions in the $(\text{NH}_4)_2\text{WO}_2\text{F}_4$ ferroelastic. <i>Physics of the Solid State</i> , 2006, 48, 759-764.	0.6	13
89	Heat capacity, structural disorder, and the phase transition in cryolite $(\text{NH}_4)_3\text{Ti}(\text{O}_2)\text{F}_5$ . <i>Physics of the Solid State</i> , 2006, 48, 1559-1567.	0.6	3
90	Calorimetric and optical studies of orthorhombic and cubic $\text{CsLiCrO}_4$ crystals. <i>Physics of the Solid State</i> , 2006, 48, 2171-2176.	0.6	0

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91	Heat Capacity and Phase Transitions in $\text{NH}_4\text{LiSO}_4$ , $\text{Cs}_x(\text{NH}_4)_{1-x}\text{LiSO}_4$ , and $\text{RbLiSO}_4$ . <i>Physics of the Solid State</i> , 2005, 47, 720.	0.6	0
92	Heat Capacity Study of Double Perovskite-Like Compounds $\text{BaTi}_{1-x}\text{Zr}_x\text{O}_3$ . <i>Physics of the Solid State</i> , 2005, 47, 2304.	0.6	6
93	Heat Capacity and Thermal Expansion Studies of Relaxors. <i>Ferroelectrics</i> , 2004, 307, 127-136.	0.6	13
94	Heat capacity and thermal expansion study of relaxor-ferroelectric $\text{Ba}_{0.92}\text{Ca}_{0.08}\text{Ti}_{0.76}\text{Zr}_{0.24}\text{O}_3$ . <i>Journal of Physics Condensed Matter</i> , 2004, 16, 7143-7150.	1.8	6
95	Ferroelastic phase transitions in fluorides with cryolite and elpasolite structures. <i>Crystallography Reports</i> , 2004, 49, 100-107.	0.6	16
96	Heat capacity of the $\text{PbFe}_{1/2}\text{Ta}_{1/2}\text{O}_3$ perovskite-like compound. <i>Physics of the Solid State</i> , 2004, 46, 521-525.	0.6	10
97	Calorimetric and x-ray diffraction studies of the $(\text{NH}_4)_3\text{WO}_3\text{F}_3$ and $(\text{NH}_4)_3\text{TiOF}_5$ perovskite-like oxyfluorides. <i>Physics of the Solid State</i> , 2004, 46, 915-921.	0.6	28
98	Phase transitions in perovskite-like oxyfluorides $(\text{NH}_4)_3\text{WO}_3\text{F}_3$ and $(\text{NH}_4)_3\text{TiOF}_5$ . <i>Solid State Sciences</i> , 2004, 6, 367-370.	3.2	12
99	Low-temperature specific heat of the $\text{Rb}_2\text{KScF}_6$ elpasolite. <i>Physics of the Solid State</i> , 2003, 45, 167-170.	0.6	1
100	Heat capacity study of relaxor $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ in a wide temperature range. <i>Journal of Experimental and Theoretical Physics</i> , 2003, 96, 531-537.	0.9	29
101	Investigation of the reconstructive phase transition between metastable ( $\hat{1}\pm$ ) and stable ( $\hat{1}^2$ ) modifications of the $\text{NH}_4\text{LiSO}_4$ crystal. <i>Physics of the Solid State</i> , 2003, 45, 1572-1578.	0.6	9
102	The $p$ - $T$ phase diagram of ammonium hexafluoroaluminate. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 6447-6453.	1.8	6
103	Heat capacity and $T$ - $p$ phase diagram of $\text{Cs}_2\text{NH}_4\text{GaF}_6$ elpasolite. <i>Solid State Sciences</i> , 2002, 4, 15-18.	3.2	8
104	Role of metal fluoride octahedra in the mechanism of phase transitions in $\text{A}_2\text{BMF}_6$ elpasolites. <i>Journal of Fluorine Chemistry</i> , 2002, 116, 9-14.	1.7	33
105	Studies of the thermodynamic properties of the ordered perovskites $\text{Pb}_2\text{CdWO}_6$ and $\text{Pb}_2\text{YbTaO}_6$ within a broad temperature range. <i>Physics of the Solid State</i> , 2002, 44, 353-357.	0.6	4
106	A study of the phase diagrams of $(\text{NH}_4)_3\text{Ga}_{1-x}\text{Sc}_x\text{F}_6$ ammonium cryolites. <i>Physics of the Solid State</i> , 2002, 44, 1954-1960.	0.6	3
107	The influence of deuteration on the phase transitions in $(\text{NH}_4)_3\text{Me}_3\text{F}_6$ cryolites ( $\text{Me}_3 = \text{Sc}$ and $\text{Ga}$ ). <i>Physics of the Solid State</i> , 2002, 44, 1961-1966.	0.6	1
108	Entropy and the mechanism of phase transitions in elpasolites. <i>Physics of the Solid State</i> , 2001, 43, 127-136.	0.6	13

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109	Heat capacity and the p-T phase diagram of Pb <sub>2</sub> MgTeO <sub>6</sub> elpasolite. <i>Physics of the Solid State</i> , 2001, 43, 345-349.	0.6	4
110	Thermodynamic properties of (NH <sub>4</sub> ) <sub>2</sub> KGaF <sub>6</sub> elpasolite. <i>Physics of the Solid State</i> , 2001, 43, 2301-2306.	0.6	3
111	Heat capacity and p-T phase diagrams of the ordered perovskites Pb <sub>2</sub> MgWO <sub>6</sub> and Pb <sub>2</sub> CoWO <sub>6</sub> . <i>Journal of Physics Condensed Matter</i> , 2000, 12, 559-567.	1.8	13
112	Thermodynamic properties and p-T phase diagrams of (NH <sub>4</sub> ) <sub>3</sub> M <sub>3</sub> +F <sub>6</sub> cryolites (M <sub>3</sub> + : Ga, Sc). <i>Journal of Physics Condensed Matter</i> , 1999, 11, 7493-7500.	1.8	19
113	Calorimetric investigations of phase transitions in the cryolites (NH <sub>4</sub> ) <sub>3</sub> Ga <sub>1-x</sub> Sc <sub>x</sub> F <sub>6</sub> (x=1.0, 0.1, 0). <i>Physics of the Solid State</i> , 1999, 41, 468-473.	0.6	4
114	Specific heat of the elpasolite Pb <sub>2</sub> MgWO <sub>6</sub> . <i>Physics of the Solid State</i> , 1999, 41, 1544-1546.	0.6	1
115	Phase transitions in elpasolites (ordered perovskites). <i>Materials Science and Engineering Reports</i> , 1998, 24, 81-151.	31.8	206
116	Ferroelastic phase transitions in Rb <sub>2</sub> KM <sub>3</sub> +F <sub>6</sub> elpasolites. <i>Ferroelectrics</i> , 1998, 217, 21-33.	0.6	13
117	Effect of Sc substitution and pressure on phase transition in Rb <sub>2</sub> KGaF <sub>6</sub> elpasolite. <i>Ferroelectrics, Letters Section</i> , 1997, 22, 127-133.	1.0	5
118	Thermodynamic properties of the mixed elpasolites Rb <sub>2</sub> KGa <sub>x</sub> Sc <sub>1-x</sub> F <sub>6</sub> (x=0.6-1.0). <i>Physics of the Solid State</i> , 1997, 39, 1647-1651.	0.6	5
119	Ferroelastic phase transition in elpasolite Tl <sub>2</sub> KInF <sub>6</sub> . <i>Phase Transitions</i> , 1996, 56, 79-85.	1.3	3
120	Thermodynamic properties of elpasolites Rb <sub>2</sub> KB <sub>3</sub> F <sub>6</sub> (B <sub>3</sub> : Er, Ho). <i>Ferroelectrics</i> , 1995, 168, 55-60.	0.6	6
121	Effect of hydrostatic pressure on phase transitions in perovskite-like ferroelastics. <i>Ferroelectrics</i> , 1995, 169, 199-205.	0.6	6
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