

Igor Flerov

List of Publications by Year in Descending Order

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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.

143

papers

1,338

citations

18

h-index

29

g-index

145

ext. papers

1,464

ext. citations

1.6

avg, IF

4.08

L-index

#	Paper	IF	Citations
143	Phase transition in RbCdZrF7: Structure and thermal properties. <i>Journal of Fluorine Chemistry</i> , 2021 , 245, 109748	2.1	
142	Comparative analysis of elastocaloric and barocaloric effects in single-crystal and ceramic ferroelectric (NH4)2SO4. <i>Scripta Materialia</i> , 2021 , 191, 149-154	5.6	2
141	Investigation of thermal properties and structure of complex fluoride K3ZrF7. <i>Journal of Fluorine Chemistry</i> , 2021 , 241, 109677	2.1	2
140	Anisotropy of piezocaloric effect at ferroelectric phase transitions in ammonium hydrogen sulphate. <i>Journal of Alloys and Compounds</i> , 2020 , 839, 155085	5.7	1
139	Thermodynamic Properties of Vanadium OxyPentafluoride (IV) (NH4)3VOF5. <i>Physics of the Solid State</i> , 2020 , 62, 1271-1279	0.8	0
138	Calorimetric, dilatometric and DTA under pressure studies of the phase transitions in elpasolite (NH4)2KZrF7. <i>Journal of Fluorine Chemistry</i> , 2020 , 235, 109523	2.1	2
137	The role of chemical pressure in the formation of the piezocaloric effect in fluorine-oxygen ferroics. <i>Ferroelectrics</i> , 2020 , 567, 1-12	0.6	
136	Heat capacity, thermal expansion and barocaloric effect in fluoride K_2TaF_7 . <i>Journal of Materials Science</i> , 2019 , 54, 14287-14295	4.3	4
135	Effect of Deuteration on Phase Transitions in Vanadium Dioxotetrafluoride. <i>Physics of the Solid State</i> , 2019 , 61, 192-200	0.8	1
134	Heat capacity, thermal expansion and sensitivity to hydrostatic pressure of (NH4)3SiF7 at successive structural phase transitions. <i>Journal of Solid State Chemistry</i> , 2019 , 276, 152-158	3.3	0
133	Study of the Physical Properties and Electrocaloric Effect in the BaTiO3 Nano- and Microceramics. <i>Physics of the Solid State</i> , 2019 , 61, 1052-1061	0.8	5
132	Effect of Isovalent Cation Substitution on the Thermal, Caloric, and Magnetocaloric Properties of the $(La_{1-x}Eu_x)0.7Pb0.3MnO_3$ Manganites. <i>Physics of the Solid State</i> , 2019 , 61, 62-68	0.8	1
131	Optical and calorimetric studies of K2TaF7. <i>Journal of Fluorine Chemistry</i> , 2019 , 222-223, 75-80	2.1	2
130	Thermal expansion and polarization of (1-x)PNN-xPT solid solutions. <i>Integrated Ferroelectrics</i> , 2019 , 196, 60-63	0.8	0
129	Conventional and inverse barocaloric effects in ferroelectric NH4HSO4. <i>Journal of Alloys and Compounds</i> , 2019 , 806, 1047-1051	5.7	9
128	X-Ray, Dielectric, and Thermophysical Studies of Rubidium Tetrachlorozincate inside Porous Glasses. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019 , 83, 1072-1076	0.4	1
127	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	4.3	5

126	Effect of Sequential Heat Impacts on the Formation of a Stable State of the xLPM _{1-x} PT Multiferroic Composites. <i>Physics of the Solid State</i> , 2018 , 60, 2524-2531	0.8	
125	Specific Heat and Thermal Expansion of Triglycine Sulfate-Porous Glass Nanocomposites. <i>Physics of the Solid State</i> , 2018 , 60, 1338-1343	0.8	4
124	Sequence of phase transitions in (NH)SiF. <i>Dalton Transactions</i> , 2017 , 46, 2609-2617	4.3	7
123	Effect of Deuteration on the Thermodynamic Properties of Dioxotetrafluromolybdate(VI), (NH)MoOF. <i>Inorganic Chemistry</i> , 2017 , 56, 6706-6711	5.1	1
122	Electrocaloric effect in triglycine sulfate under equilibrium and nonequilibrium thermodynamic conditions. <i>Physics of the Solid State</i> , 2017 , 59, 1118-1126	0.8	8
121	Thermal, optical, and dielectric properties of fluoride Rb ₂ TaF ₇ . <i>Physics of the Solid State</i> , 2017 , 59, 986-998	6	
120	Thermal, dielectric and barocaloric properties of NH ₄ HSO ₄ crystallized from an aqueous solution and the melt. <i>Solid State Sciences</i> , 2017 , 67, 1-7	3.4	8
119	(NH ₄) ₃ HfF ₇ : Crystallooptical and calorimetric studies of a number of successive phase transitions. <i>Journal of Fluorine Chemistry</i> , 2017 , 204, 45-49	2.1	3
118	Behaviour of thermal expansion of (1-x)Pb(Ni _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ solid solutions. <i>Proceedings of the Estonian Academy of Sciences</i> , 2017 , 66, 363	1.6	1
117	Anomalous behaviour of thermodynamic properties at successive phase transitions in (NH ₄) ₃ GeF ₇ . <i>Journal of Solid State Chemistry</i> , 2017 , 256, 162-167	3.3	4
116	Effect of a restricted geometry on thermal and dielectric properties of NH ₄ HSO ₄ ferroelectric. <i>Ferroelectrics</i> , 2017 , 513, 44-50	0.6	2
115	Influence of thermal conditions on the electrocaloric effect in a multilayer capacitor based on doped BaTiO ₃ . <i>Journal of Advanced Dielectrics</i> , 2017 , 07, 1750041	1.3	8
114	T _f phase diagrams and the barocaloric effect in materials with successive phase transitions. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 384002	3	14
113	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	1.3	7
112	Barocaloric effect in ferroelastic fluorides and oxyfluorides. <i>Ferroelectrics</i> , 2016 , 500, 153-163	0.6	4
111	Thermophysical study of structural phase transitions in Na _{0.95} Li _{0.05} NbO ₃ solid solution. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016 , 80, 1046-1050	0.4	3
110	Heat capacity and magnetic properties of fluoride CsFe ₂ +Fe ₃ +F ₆ with defect pyrochlore structure. <i>Journal of Solid State Chemistry</i> , 2016 , 237, 330-335	3.3	6
109	Thermal, structural, optical, dielectric and barocaloric properties at ferroelastic phase transition in trigonal (NH ₄) ₂ SnF ₆ : A new look at the old compound. <i>Journal of Fluorine Chemistry</i> , 2016 , 183, 1-9	2.1	20

108	Thermal properties of $(\text{NH}_4)_2\text{MeF}_6 \square \text{NH}_4\text{F}$ (Me : Ti, Sn) crystals undergoing transformation between two cubic phases. <i>Ferroelectrics</i> , 2016 , 501, 20-25	0.6	3
107	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	3.3	7
106	The structure and phase transitions in oxyfluoride $(\text{ND}_4)_2\text{MoO}_2\text{F}_4$. <i>Solid State Sciences</i> , 2016 , 61, 155-169.	0.4	2
105	Caloric and multicaloric effects in oxygen ferroics and multiferroics. <i>Physics of the Solid State</i> , 2015 , 57, 429-441	0.8	27
104	Magnetization and magnetocaloric effect in $\text{La}_{0.7}\text{Pb}_{0.3}\text{MnO}_3$ ceramics and $0.85(\text{La}_{0.7}\text{Pb}_{0.3}\text{MnO}_3)\square 0.15(\text{PbTiO}_3)$ composite. <i>Journal of Materials Research</i> , 2015 , 30, 278-285	2.5	5
103	Studies of the heat capacity and thermal expansion of the $\text{Na}_{0.95}\text{K}_{0.05}\text{NbO}_3$ solid solution. <i>Physics of the Solid State</i> , 2014 , 56, 367-372	0.8	2
102	Structural, spectroscopic, and thermophysical investigations of the oxyfluorides $\text{CsZnMoO}_3\text{F}_3$ and $\text{CsMnMoO}_3\text{F}_3$ with the pyrochlore structure. <i>Physics of the Solid State</i> , 2014 , 56, 599-605	0.8	1
101	Reconstructive phase transition in $(\text{NH}_4)_3\text{TiF}_7$ accompanied by the ordering of TiF_6 octahedra. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014 , 70, 924-31	1.8	11
100	Thermal and physical properties of sodium niobate ceramics over a wide temperature range. <i>Physics of the Solid State</i> , 2013 , 55, 821-828	0.8	13
99	Ferroelastic phase transitions in $(\text{NH}_4)_2\text{TaF}_7$. <i>Physics of the Solid State</i> , 2013 , 55, 611-618	0.8	7
98	Investigation into phase diagrams of the fluorine-oxygen system: Ferroelastic-antiferroelectric $(\text{NH}_4)_2\text{WO}_2\text{F}_4-(\text{NH}_4)_2\text{MoO}_2\text{F}_4$. <i>Physics of the Solid State</i> , 2013 , 55, 409-418	0.8	5
97	Thermal properties, magneto- and baro-caloric effects in $\text{La}_{0.7}\text{Pb}_{0.3}\text{MnO}_3$ single crystal. <i>Journal of Applied Physics</i> , 2013 , 113, 073901	2.5	15
96	Thermal properties and phase transitions in $(\text{NH}_4)_3\text{ZrF}_7$. <i>Journal of Fluorine Chemistry</i> , 2013 , 154, 1-6	2.1	13
95	Refinement of the crystal structure of the high-temperature phase G 0 in $(\text{NH}_4)_2\text{WO}_2\text{F}_4$ (powder, X-ray, and neutron scattering). <i>Crystallography Reports</i> , 2013 , 58, 129-134	0.6	2
94	Caloric effects and phase transitions in ferromagnetic-ferroelectric composites $x\text{La}_{0.7}\text{Pb}_{0.3}\text{MnO}_3-(1-x)\text{PbTiO}_3$. <i>Journal of Materials Research</i> , 2013 , 28, 3322-3331	2.5	7
93	Heat capacity and structure of $\text{Rb}_2\text{KMeO}_3\text{F}_3$ (Me : Mo, W) elpasolites. <i>Solid State Sciences</i> , 2012 , 14, 166-170	0.4	2
92	Electrocaloric and Barocaloric Effects in Some Ferroelectric Hydrosulfates and Triglycinesulfate. <i>Ferroelectrics</i> , 2012 , 430, 78-83	0.6	3
91	Investigation of the thermal expansion and heat capacity of the $\text{CaCu}_3\text{Ti}_4\text{O}_12$ ceramics. <i>Physics of the Solid State</i> , 2012 , 54, 1785-1789	0.8	7

90	Caloric characteristics of PbTiO ₃ in the temperature range of the ferroelectric phase transition. <i>Physics of the Solid State</i> , 2012 , 54, 1832-1840	0.8	38
89	Synthesis, Structural, Magnetic, and Electronic Properties of Cubic CsMnMoO ₃ F ₃ Oxyfluoride. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 10162-10170	3.8	38
88	Perovskite-like fluorides and oxyfluorides: Phase transitions and caloric effects. <i>Crystallography Reports</i> , 2011 , 56, 9-17	0.6	40
87	Effect of cation substitution in fluorine-oxygen molybdates (NH ₄) ₂ \square A _x MoO ₂ F ₄ . <i>Physics of the Solid State</i> , 2011 , 53, 303-308	0.8	6
86	Phase transitions and caloric effects in ferroelectric solid solutions of ammonium and rubidium hydrosulfates. <i>Physics of the Solid State</i> , 2011 , 53, 510-517	0.8	22
85	Thermodynamic properties and structure of oxyfluorides Rb ₂ KMoO ₃ F ₃ and K ₂ NaMoO ₃ F ₃ . <i>Physics of the Solid State</i> , 2011 , 53, 1202-1211	0.8	8
84	Specific heat, cell parameters, phase T-p diagram, and permittivity of cryolite (NH ₄) ₃ Nb(O ₂) ₂ F ₄ . <i>Physics of the Solid State</i> , 2011 , 53, 2147-2153	0.8	3
83	Thermal expansion and permittivity of (Ba ₁ \square Bi ₂ x/3)TiO ₃ solid solutions. <i>Physics of the Solid State</i> , 2011 , 53, 2073-2079	0.8	2
82	Disorder and phase transitions in oxyfluoride (NH ₄) ₃ Ta(O ₂) ₂ F ₄ . <i>Journal of Fluorine Chemistry</i> , 2011 , 132, 713-718	2.1	5
81	Barocaloric Effect in Oxyfluorides Rb ₂ KTiOF ₅ and (NH ₄) ₂ NbOF ₅ . <i>Ferroelectrics</i> , 2010 , 397, 76-80	0.6	15
80	Thermal expansion, phase diagrams and barocaloric effects in (NH ₄) ₂ NbOF ₅ . <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 185901	1.8	14
79	Calorimetric and dielectric studies of the (NH ₄) ₂ MoO ₂ F ₄ oxyfluoride. <i>Physics of the Solid State</i> , 2010 , 52, 158-166	0.8	9
78	Investigation of thermal expansion, phase diagrams, and barocaloric effect in the (NH ₄) ₂ WO ₂ F ₄ and (NH ₄) ₂ MoO ₂ F ₄ oxyfluorides. <i>Physics of the Solid State</i> , 2010 , 52, 167-175	0.8	31
77	Barocaloric effect near the structural phase transition in the Rb ₂ KTiOF ₅ oxyfluoride. <i>Physics of the Solid State</i> , 2010 , 52, 377-383	0.8	28
76	Phase transitions in the (NH ₄) ₂ NbOF ₅ oxyfluoride. <i>Physics of the Solid State</i> , 2010 , 52, 781-788	0.8	5
75	10.1007/s11451-008-3014-8 2010 , 50, 478		
74	Mechanism and nature of phase transitions in the (NH ₄) ₃ MoO ₃ F ₃ oxyfluoride 2010 , 50, 515		
73	Thermal expansion, polarization and phase diagrams of Ba(1-y)Bi(2y/3)Ti(1-x)Zr(x)O(3) and Ba(1-y)La(y)Ti(1-y/4)O(3) compounds. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 075902	1.8	5

72	Phase transitions and thermodynamic properties of $(\text{NH}_4)_3\text{VO}_2\text{F}_4$ cryolite. <i>Solid State Sciences</i> , 2009 , 11, 836-840	3.4	5
71	Thermal expansion of $(\text{Ba}_{1-x}\text{La}_x)\text{Ti}_{1-x}\text{O}_3$ solid solutions. <i>Physics of the Solid State</i> , 2009 , 51, 790-796	0.8	8
70	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	0.8	3
69	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
68	Thermal behavior of ammonium-containing titanium and germanium fluoride complexes $(\text{NH}_4)_4\text{Li}_2(\text{AF}_6)_3$ and NH_4NaAF_6 ($\text{A} = \text{Ge or Ti}$). <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 583-587	1.5	
67	Electrocaloric effect and anomalous conductivity of the ferroelectric NH_4HSO_4 . <i>Physics of the Solid State</i> , 2008 , 50, 478-484	0.8	26
66	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	0.8	20
65	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	0.8	34
64	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	1.8	13
63	Heat capacity, structure, and p-T phase diagram of elpasolite $(\text{NH}_4)_2\text{KMnO}_3\text{F}_3$. <i>Physics of the Solid State</i> , 2007 , 49, 141-147	0.8	4
62	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	0.8	6
61	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	0.8	13
60	Phase Transitions in Oxides, Fluorides and Oxyfluorides with the Ordered Perovskite Structure. <i>Ferroelectrics</i> , 2007 , 346, 77-83	0.6	7
59	Effect of Cationic Substitution on Ferroelectric and Ferroelastic Phase Transitions in Oxyfluorides $\text{A}_2\text{A}'\text{WO}_3\text{F}_3$ ($\text{A}, \text{A}' = \text{K, NH}_4, \text{Cs}$). <i>Ferroelectrics</i> , 2007 , 347, 60-64	0.6	25
58	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	
57	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	0.8	10
56	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	0.8	12
55	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	0.8	3

54	Calorimetric and optical studies of orthorhombic and cubic CsLiCrO ₄ crystals. <i>Physics of the Solid State</i> , 2006 , 48, 2171-2176	0.8	
53	Heat capacity and phase transitions in NH ₄ LiSO ₄ , Cs _x (NH ₄) _{1-x} LiSO ₄ , and RbLiSO ₄ . <i>Physics of the Solid State</i> , 2005 , 47, 720	0.8	
52	Heat capacity study of double perovskite-like compounds BaTi _{1-x} ZrxO ₃ . <i>Physics of the Solid State</i> , 2005 , 47, 2304	0.8	5
51	Heat Capacity and Thermal Expansion Studies of Relaxors. <i>Ferroelectrics</i> , 2004 , 307, 127-136	0.6	12
50	Heat capacity and thermal expansion study of relaxor-ferroelectric Ba _{0.92} Ca _{0.08} Ti _{0.76} Zr _{0.24} O ₃ . <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 7143-7150	1.8	6
49	Ferroelastic phase transitions in fluorides with cryolite and elpasolite structures. <i>Crystallography Reports</i> , 2004 , 49, 100-107	0.6	12
48	Heat capacity of the PbFe _{1/2} Ta _{1/2} O ₃ perovskite-like compound. <i>Physics of the Solid State</i> , 2004 , 46, 521-525	0.8	10
47	Calorimetric and x-ray diffraction studies of the (NH ₄) ₃ WO ₃ F ₃ and (NH ₄) ₃ TiOF ₅ perovskite-like oxyfluorides. <i>Physics of the Solid State</i> , 2004 , 46, 915-921	0.8	22
46	Phase transitions in perovskite-like oxyfluorides (NH ₄) ₃ WO ₃ F ₃ and (NH ₄) ₃ TiOF ₅ . <i>Solid State Sciences</i> , 2004 , 6, 367-370	3.4	12
45	Low-temperature specific heat of the Rb ₂ KScF ₆ elpasolite. <i>Physics of the Solid State</i> , 2003 , 45, 167-170	0.8	1
44	Heat capacity study of relaxor PbMg _{1/3} Nb _{2/3} O ₃ in a wide temperature range. <i>Journal of Experimental and Theoretical Physics</i> , 2003 , 96, 531-537	1	27
43	Investigation of the reconstructive phase transition between metastable (β) and stable (α) modifications of the NH ₄ LiSO ₄ crystal. <i>Physics of the Solid State</i> , 2003 , 45, 1572-1578	0.8	7
42	Heat capacity and T β phase diagram of Cs ₂ NH ₄ GaF ₆ elpasolite. <i>Solid State Sciences</i> , 2002 , 4, 15-18	3.4	7
41	Role of metal fluoride octahedra in the mechanism of phase transitions in A ₂ BMF ₆ elpasolites. <i>Journal of Fluorine Chemistry</i> , 2002 , 116, 9-14	2.1	32
40	Studies of the thermodynamic properties of the ordered perovskites Pb ₂ CdWO ₆ and Pb ₂ YbTaO ₆ within a broad temperature range. <i>Physics of the Solid State</i> , 2002 , 44, 353-357	0.8	4
39	A study of the phase diagrams of (NH ₄) ₃ Ga _{1-x} Sc _x F ₆ ammonium cryolites. <i>Physics of the Solid State</i> , 2002 , 44, 1954-1960	0.8	3
38	The influence of deuteration on the phase transitions in (NH ₄) ₃ Me ₃₊ F ₆ cryolites (Me ₃₊ =Sc and Ga). <i>Physics of the Solid State</i> , 2002 , 44, 1961-1966	0.8	1
37	The p\$ndash\$T phase diagram of ammonium hexafluoroaluminate. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 6447-6453	1.8	4

36	Entropy and the mechanism of phase transitions in elpasolites. <i>Physics of the Solid State</i> , 2001 , 43, 127-138	12
35	Heat capacity and the p-T phase diagram of Pb ₂ MgTeO ₆ elpasolite. <i>Physics of the Solid State</i> , 2001 , 43, 345-349	0.8 4
34	Thermodynamic properties of (NH ₄) ₂ KGaF ₆ elpasolite. <i>Physics of the Solid State</i> , 2001 , 43, 2301-2306	0.8 2
33	Heat capacity and p-T phase diagrams of the ordered perovskites Pb ₂ MgWO ₆ and Pb ₂ CoWO ₆ . <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 559-567	1.8 12
32	Thermodynamic properties and p-T phase diagrams of (NH ₄) ₃ M ₃₊ F ₆ cryolites (M ₃₊ : Ga, Sc). <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 7493-7500	1.8 19
31	Calorimetric investigations of phase transitions in the cryolites (NH ₄) ₃ Ga _{1-x} Sc _x F ₆ (x=1.0, 0.1, 0). <i>Physics of the Solid State</i> , 1999 , 41, 468-473	0.8 3
30	Specific heat of the elpasolite Pb ₂ MgWO ₆ . <i>Physics of the Solid State</i> , 1999 , 41, 1544-1546	0.8 1
29	Phase transitions in elpasolites (ordered perovskites). <i>Materials Science and Engineering Reports</i> , 1998 , 24, 81-151	30.9 190
28	Ferroelastic phase transitions in Rb ₂ KM ₃ +F ₆ elpasolites. <i>Ferroelectrics</i> , 1998 , 217, 21-33	0.6 13
27	Effect of Sc substitution and pressure on phase transition in Rb ₂ KGaF ₆ elpasolite. <i>Ferroelectrics, Letters Section</i> , 1997 , 22, 127-133	0.5 5
26	Thermodynamic properties of the mixed elpasolites Rb ₂ KGaxSc _{1-x} F ₆ (x=0.6-1.0). <i>Physics of the Solid State</i> , 1997 , 39, 1647-1651	0.8 4
25	Ferroelastic phase transition in elpasolite Tl ₂ KInF ₆ . <i>Phase Transitions</i> , 1996 , 56, 79-85	1.3 3
24	Thermodynamic properties of elpasolites Rb ₂ KB ₃ F ₆ (B ₃ : Er, Ho). <i>Ferroelectrics</i> , 1995 , 168, 55-60	0.6 5
23	Effect of hydrostatic pressure on phase transitions in perovskite-like ferroelastics. <i>Ferroelectrics</i> , 1995 , 169, 199-205	0.6 5
22	Investigations of ferroelastic phase transitions in ABF ₆ ·6H ₂ O crystals (A: Zn, Co, Mg, Mn, Fe; B: Ti, Si). <i>Ferroelectrics</i> , 1993 , 143, 11-16	0.6 4
21	Thermodynamic Investigations of Ferroelastic Phase Transitions in K ₂ ZnCl ₄ and K ₂ CoCl ₄ . <i>Journal of the Physical Society of Japan</i> , 1992 , 61, 1606-1608	1.5 8
20	Effect of hydrostatic pressure on phase transitions in ABF ₆ ·6H ₂ O crystals (A identical to Zn, Co, Mg, Mn, Fe; B identical to Ti, Si). <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 91-99	1.8 8
19	Thermodynamic Investigations of the Phase Transition in Ferroelastic CoZrF ₆ . <i>Physica Status Solidi (B)</i> : Basic Research, 1992 , 169, 65-71	1.3 3

18	Effect of B3+ ion size on the phase transitions in Rb2KB3+F6 elpasolites series. <i>Ferroelectrics</i> , 1991 , 124, 309-314	0.6	12
17	Thermodynamic properties of bromo-elpasolites Cs2NaYBr6and Cs2NaTmBr6. <i>Journal of Physics Condensed Matter</i> , 1990 , 2, 9019-9023	1.8	7
16	Phase transitions in layered perovskite-like ferroelastics. <i>Ferroelectrics</i> , 1990 , 104, 285-297	0.6	8
15	Thermodynamic properties of ferroelastics with octahedral ionic groups in structure. <i>Ferroelectrics</i> , 1990 , 106, 207-212	0.6	8
14	Phase transitions in layered ferroelastics. New representatives: CsScF4and Rb3Cd2Cl7. <i>Ferroelectrics</i> , 1989 , 96, 175-179	0.6	7
13	Structures and phase transitions in crystals related to BK2SO4. <i>Ferroelectrics</i> , 1989 , 95, 3-7	0.6	3
12	Automating continuous-heating adiabatic calorimetry. <i>Measurement Techniques</i> , 1988 , 31, 771-773	0.4	
11	Phase transitions in Cs2CdI4 single crystals. <i>Physica Status Solidi A</i> , 1988 , 105, 441-446	30	
10	Thermodynamic properties of elpasolites Cs2NaNdCl6and Cs2NaPrCl6. <i>Journal of Physics C: Solid State Physics</i> , 1986 , 19, 2441-2447	10	
9	Ferroelastic phase transitions in elpasolites. <i>Ferroelectrics</i> , 1985 , 64, 25-27	0.6	2
8	Successive phase transitions in the MeLiBO4 type crystals. <i>Ferroelectrics</i> , 1985 , 63, 13-28	0.6	7
7	Ferroelastic Phase Transitions in Elpasolites A2BB3+X6. <i>Japanese Journal of Applied Physics</i> , 1985 , 24, 699	1.4	8
6	The study op phase transitions in single crystals with elpasolite structure. <i>Ferroelectrics</i> , 1984 , 54, 237-240	0.6	3
5	Structural phase transitions in elpasolites Rb2NaDyF6and Rb2KDyF6. <i>Ferroelectrics, Letters Section</i> , 1983 , 1, 35-41	0.5	12
4	Calorimetric and dilatometric study of the ferroelastic phase transitions in the elpasolites. <i>Ferroelectrics</i> , 1983 , 48, 97-102	0.6	6
3	Calorimetric study of the ferroelectric phase transitions in CsLiWO4 crystal. <i>Ferroelectrics, Letters Section</i> , 1983 , 44, 235-239	0.5	3
2	Calorimetric study of the ferroelectric phase transitions in CsLiWo4 crystal. <i>Ferroelectrics</i> , 1982 , 44, 235-239	0.5	1
1	Properties of NH4HSO4 and RbHSO4 single crystals near their curie points. <i>Ferroelectrics</i> , 1976 , 12, 191-193	0.5	8

