

Горев Михаил Васильевич, доктор физико-математических наук, доцент, ведущий научный сотрудник лаборатории кристаллофизики, Институт физики им. Л.В. Киренского Сибирского отделения Российской академии наук – обособленное подразделение ФИЦ КНЦ СО РАН, р.т.: (391) 249-45-07, почтовый адрес: 660036, г. Красноярск, ул. Академгородок, д. 50, стр. 38, ИФ СО РАН, e-mail: gorev@iph.krasn.ru

Статьи:

1. Mikhaleva E.A., Flerov I.N., Gorev M.V., Bondarev V.S., Bogdanov E.V. Features of the behavior of the barocaloric effect near ferroelectric phase transition close to the tricritical point // Crystals. – 2020. – V. 10. – 51. – DOI [10.3390/cryst10010051](https://doi.org/10.3390/cryst10010051).
2. Flerov I.N., Gorev M.V., Kartashev A.V., Pogorel'tsev E.I., Laptash N.M. Heat capacity, thermal expansion and barocaloric effect in fluoride K_2TaF_7 // Journal of Materials Science. – 2019. – V. 54. – P. 14287–14295. – DOI [10.1007/s10853-019-03924-8](https://doi.org/10.1007/s10853-019-03924-8).
3. Bogdanov E.V., Pogoreltsev E.I., Gorev M.V., Kartashev A.V., Laptash N.M., Flerov I.N. Heat capacity, thermal expansion and sensitivity to hydrostatic pressure of $(NH_4)_3SiF_7$ at successive structural phase transitions // Journal of Solid State Chemistry. – 2019. – V. 276. – P. 152–158. – DOI [10.1016/j.jssc.2019.04.029](https://doi.org/10.1016/j.jssc.2019.04.029).
4. Kartashev A.V., Bondarev V.S., Flerov I.N., Gorev M.V., Pogorel'tsev E.I., Shabanov A.V., Molokeev M.S., Guillemet-Fritsch S., Raevskii I.P. Study of the Physical Properties and Electrocaloric Effect in the $BaTiO_3$ Nano- and Microceramics // Physics of the Solid State. – 2019. – V. 61. – P. 1052–1061. – DOI [10.1134/S1063783419060088](https://doi.org/10.1134/S1063783419060088).
5. Dudnikov V.A., Kazak N.V., Orlov Yu.S., Vereshchagin S.N., Gavrilkin S.Yu., Tsvetkov A.Yu., Gorev M.V., Veligzhanin A.A., Trigub A.L., Troyanchuk I.O., Troyanchuk I.O., Ovchinnikov S.G. Structural, Magnetic, and Thermodynamic Properties of Ordered and Disordered Cobaltite $Gd_{0.1}Sr_{0.9}CoO_{3-\delta}$ // Journal of Experimental and Theoretical Physics. – 2019. – V. 128. – P. 630–640. – DOI [10.1134/S1063776119020171](https://doi.org/10.1134/S1063776119020171).
6. Mikhaleva E.A., Flerov I.N., Kartashev A.V., Gorev M.V., Molokeev M.S., Korotkov L.N., Rysiakiewicz-Pasek E. Specific Heat and Thermal Expansion of Triglycine Sulfate–Porous Glass Nanocomposites // Physics of the Solid State. – 2018. – V. 60. – P. 1338–1343. – DOI [10.1134/S1063783418070181](https://doi.org/10.1134/S1063783418070181).
7. Orlov Yu.S., Dudnikov V.A., Platunov M.S., Gorev M.V., Velikanov D.A., Kazak N.V., Gavrilkin S.Yu., Solov'ev L.A., Veligzhanin A.A., Vereshchagin S.N., Ovchinnikov S.G. Low-Temperature Schottky Anomalies and the Magnetic State of the p Electrons of Oxygen in Substituted $Gd_{0.4}Sr_{0.6}CoO_{3-\delta}$ Cobaltites // Journal of Experimental and Theoretical Physics. – 2018. – V. 126. – P. 217–223. – DOI [10.1134/S1063776118020036](https://doi.org/10.1134/S1063776118020036).
8. Bogdanov E.V., Kartashev A.V., Pogoreltsev E.I., Gorev M.V., Laptash N.M., Flerov I.N. Anomalous behaviour of thermodynamic properties at successive phase transitions in $(NH_4)_3GeF_7$ //

Journal of Solid State Chemistry. – 2017. – V. 256. – P. 162–167. – DOI [10.1016/j.jssc.2017.09.010](https://doi.org/10.1016/j.jssc.2017.09.010).

9. Mikhaleva E.A., Flerov I.N., Kartashev A.V., Gorev M.V., Bogdanov E.V., Bondarev V.S., Korotkov L.N., Rysiakiewicz-Pasek E. Effect of a restricted geometry on thermal and dielectric properties of NH_4HSO_4 ferroelectric // *Ferroelectrics*. – 2017. – V. 513. – P. 44–50. – DOI [10.1080/00150193.2017.1350436](https://doi.org/10.1080/00150193.2017.1350436).
10. Pogorel'tsev E.I., Mel'nikova S.V., Kartashev A.V., Gorev M.V., Flerov I.N., Laptash N.M. Thermal, optical, and dielectric properties of fluoride Rb_2TaF_7 // *Physics of the Solid State*. – 2017. – V. 59. – P. 986–991. – DOI [10.1134/S1063783417050250](https://doi.org/10.1134/S1063783417050250).
11. Mikhaleva E.A., Flerov I.N., Kartashev A.V., Gorev M.V., Bogdanov E.V., Bondarev V.S. Thermal, dielectric and barocaloric properties of NH_4HSO_4 crystallized from an aqueous solution and the melt // *Solid State Sciences*. – 2017. – V. 67. – P. 1–7. – DOI [10.1016/j.solidstatesciences.2017.03.004](https://doi.org/10.1016/j.solidstatesciences.2017.03.004).
12. Dudnikov V.A., Orlov Yu.S., Gavrilkin S.Yu., Gorev M.V., Vereshchagin S.N., Solovyov L.A., Perov N.S., Ovchinnikov S.G. Effect of Gd and Sr Ordering in A Sites of Doped $\text{Gd}_{0.2}\text{Sr}_{0.8}\text{CoO}_{3-\delta}$ Perovskite on Its Structural, Magnetic, and Thermodynamic Properties // *The Journal of Physical Chemistry C*. – 2016. – V. 120. – P. 13443–13449. – DOI [10.1021/acs.jpcc.6b04810](https://doi.org/10.1021/acs.jpcc.6b04810).
13. Kartashev A.V., Gorev M.V., Bogdanov E.V., Flerov I.N., Laptash N.M. Thermal properties and phase transition in the fluoride, $(\text{NH}_4)_3\text{SnF}_7$ // *Journal of Solid State Chemistry*. – 2016. – V. 237. – P. 269–273. – DOI [10.1016/j.jssc.2016.02.027](https://doi.org/10.1016/j.jssc.2016.02.027).
14. Orlov Yu.S., Dudnikov V.A., Gorev M.V., Vereshchagin S.N., Solov'ev L.A., Ovchinnikov S.G. Thermal properties of rare earth cobalt oxides and of $\text{La}_{1-x}\text{Gd}_x\text{CoO}_3$ solid solutions // *JETP Letters*. – 2016. – V. 103. – P. 607–612. – DOI [10.1134/S0021364016090058](https://doi.org/10.1134/S0021364016090058).
15. Gorev M.V., Flerov I.N., Tressaud A., Bogdanov E.V., Kartashev A.V., Bayukov O.A., Eremin E.V., Krylov A.S. Heat capacity and magnetic properties of fluoride $\text{CsFe}^{2+}\text{Fe}^{3+}\text{F}_6$ with defect pyrochlore structure // *Journal of Solid State Chemistry*. – 2016. – V. 237. – P. 330–335. – DOI [10.1016/j.jssc.2016.02.045](https://doi.org/10.1016/j.jssc.2016.02.045).