

Сведения о ведущей организации

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Основные публикации работников организации по теме диссертаций в рецензируемых научных изданиях за последние 5 лет	<p>1. Bushkova T.M., Egorova A.A., Khoroshilov A.V., Ivanova O.S., et al. Selective synthesis of γ-WO₃ and β-WO₃\cdotH₂O by the hydrothermal treatment of peroxotungstic acid // Russian Journal of Inorganic Chemistry. – 2021. – V. 66. – PP. 496-501. – DOI: 10.1134/S0036023621040070. (Scopus).</p> <p>2. Baranchikov A.E., Kopitsa G.P., Yorova Kh.E., Sipyagina N.A., Lermontov S.A., et al. SiO₂--TiO₂ Binary Aerogels: A Small-Angle Scattering Study // Russian Journal of Inorganic Chemistry. – 2021. – V. 66. – PP. 874-882. – DOI: 10.1134/S003602362106005X. (Scopus).</p> <p>3. Egorysheva A.V., Ellert O.G., Popova E.F., Tyurin A.V., Khoroshilov A.V., Kirdyankin D.I., Gavrichev K.S. Heat capacity, thermodynamic and magnetic properties of the pyrochlore-like compounds RE₂FeTaO₇ // Journal of Chemical Thermodynamics. – 2021. – V. 161. – PP. 106565. – DOI: 10.1016/j.jct.2021.106565 (Scopus).</p> <p>4. Guskov V.N., Tyurin A.V., Guskov A.V., Gagarin P.G., Khoroshilov A.V., Gavrichev K.S. Thermal expansion and thermodynamic properties of gadolinium hafnate ceramics // Ceramics International. – 2020. – V. 46. – I. 8 – Part B. – PP. 12822-12827. – DOI: 10.1016/j.ceramint.2020.02.052. (Scopus).</p> <p>5. Han B., Khoroshilov A.V., Tyurin A.V., Baranchikov A.E., Ivanova O.S., Gavrichev K.S., et al. WO₃ thermodynamic properties at 80–1256 K revisited // Journal of Thermal Analysis and Calorimetry. – 2020. – V. 142. – PP. 1533-1543. (Scopus).</p> <p>6. Heat capacity of solid solutions LaLnZr₂O₇ (Ln = Sm, Gd, Dy) with the structure of pyrochlore in the</p>

temperature range of 10–1400 K // Russian Journal of Physical Chemistry A. – 2020. – V. 94. – PP. 233-239. – DOI: 10.1134/S0036024420020120. (Scopus).

7. Nosikova L.A., Baranchikov A.E., Yaprlyntsev A.D., Ivanova O.S., Teplonogova M.A., Ivanov V.K. Selective hydrothermal synthesis of $[(\text{CH}_3)_2\text{NH}_2]\text{V}_3\text{O}_7$, $\text{VO}_2(\text{D})$, and V_2O_3 in the presence of N,N-dimethylformamide // Russian Journal of Inorganic Chemistry. – 2020. – V. 65. – N. 4. – PP. 488-494. – DOI: 10.1134/S0036023620040142. (Scopus).

8. Shekunova T.O., Istomin S.Ya., Mironov A.V., Baranchikov A.E., Yaprlyntsev A.D., et al. Crystallization pathways of cerium(IV) phosphates under hydrothermal conditions: a search for new phases with a tunnel structure // European Journal of Inorganic Chemistry. – 2019. – V. 27. – PP. 3242-3248. – DOI: 10.1002/ejic.201801182. (Scopus).

9. Teplonogova M.A., Yaprlyntsev A.D., Baranchikov A.E., Ivanov V.K. Selective hydrothermal synthesis of ammonium vanadates(V) and (IV,V) // Transition Metal Chemistry. – 2019. V. 44. – PP. 25–30. – DOI: 10.1007/s11243-018-0265-x. (Scopus).

10. Ivanova O.S., Teplonogova M.A., Yaprlyntsev A.D., Baranchikov A.E., Ivanov V.K. Hydrothermal microwave synthesis of MnO_2 in the presence of melamine: the role of temperature and pH // Russian Journal of Inorganic Chemistry. – 2018. – V. 63. – N. 6. – PP. 708-713. – DOI: 10.1134/S0036023618060128. (Scopus).

11. Filatova D.G., Vorobyeva N.A., Rumyantseva M.N., Baranovskaya V.B., Baranchikov A.E., Ivanov V.K., Gaskov A.M. Synthesis of ZnO thin films doped with Ga and In: determination of their composition through X-Ray spectroscopy and inductively coupled plasma mass spectrometry // Inorganic Materials. – 2017. – Vol. 53. – No. 14. – PP. 1458-1462.

DOI: 10.1134/S0020168517140060. (Scopus).

12. Gurevich V.M., Osadchii V.O., Polyakov V.B., Gavrichev K.S., Osadchii E.G. Heat capacity thermodynamic functions of sphalerite: Implication to sulfide solid-state galvanic cell measurements // Thermochimica Acta. – 2016. – V. 641. – PP. 14-23. – DOI: 10.1016/j.tca.2016.08.006. (Scopus).