

Список научных трудов Чебышева К.А. по теме диссертации за последние 5 лет

1. Phase formation, structural features and electrical properties of praseodymium molybdate $\text{Pr}_4\text{MoO}_{9+\delta}$ synthesized by solid-state and sol-gel routes / N.E. Shcheglov, D.Y. Berezovskaya, T.S. Berezhnaya, E.V. Khramov, A.V. Guseva, **K.A. Chebyshev** // Journal of Solid State Chemistry. – 2026. – Vol. 359. – Art. 125993.
2. Substitution of praseodymium for cadmium and lead in the structure of $\text{Nd}_5\text{Tb}_x\text{Mo}_3\text{O}_{16+\delta}$ / A.O. Sidorenko, T.S. Berezhnaya, L.V. Pasechnik, I.Y. Ukleina, A.V. Guseva, **K.A. Chebyshev** // Russian Journal of Inorganic Chemistry. – 2025. – Vol. 70, № 5. – С. 666–673.
3. Solid-state and sol-gel synthesis of neodymium molybdate $\text{Nd}_5\text{Tb}_x\text{Mo}_3\text{O}_{16+\delta}$ and study of their crystal structure in the temperature range of 300–700 K by the neutron diffraction / **K.A. Chebyshev**, T.S. Berezhnaya, V.A. Turchenko // Solid State Sciences. – 2024. – Vol. 149. – Art. 107443.
4. Fluorite-like phases in the $\text{La}_2\text{MoO}_6 - \text{Sm}_2\text{MoO}_6 - \text{MoO}_3$ system: homogeneity region, crystal structure, and conductive properties / T.S. Berezhnaya, **K.A. Chebyshev** // Ceramics International. – 2024. – Vol. 50, № 23, Part A. – P. 49803–49813.
5. Low-temperature synthesis of tungsten silicates with pyrochlore and tungsten bronze structure / Ya.A. Moroz, N.S. Lozinskii, A.N. Lopanov, **K.A. Chebyshev**, M.Yu. Zelenskii, E.A. Fanina // Glass and Ceramics. – 2024. – Vol. 81, № 7-8. – P. 335–341.
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7. Solid state synthesis and dielectric properties of medium-entropy $\text{PbSc}_{1/4}\text{In}_{1/4}\text{Nb}_{1/4}\text{Ta}_{1/4}\text{O}_3$ ceramics and assessment of the possibility of atomic ordering / I.G. Sheptun, V.G. Smotrakov, A. Yadav, **K.A. Chebyshev**, Yu.A. Kuprina, S.I. Shevtsova, A.V. Nagaenko, V.P. Glazkov, E.V. Dyuzheva-Maltseva, N.V. Ter-Oganessian // Materials Science and Engineering: B. – 2023. – Vol. 292. – Art. 116454.
8. Substitutions in $\text{Nd}_{5-x}\text{Tb}_x\text{Mo}_3\text{O}_{16+\delta}$ series: phase formation, atomistic modeling, and crystal structure of $\text{Nd}_5\text{Tb}_x\text{Mo}_3\text{O}_{16+\delta}$ -based solid solutions / **K.A. Chebyshev**, N.I. Selikova, L.V. Pasechnik, A.V. Ignatov // Journal of Chemistry. – 2023. – Vol. 2023. – Art. 4479178.
9. Solid state synthesis and investigation of double oxides in $\text{X}/6\text{Pr}_6\text{O}_{11} - \text{MoO}_3$ ($2 \leq X \leq 6$) series / **K.A. Chebyshev**, N.I. Selikova, L.V. Pasechnik, V.A. Turchenko // Materials Today Communications. – 2023. – Vol. 37. – Art. 107573.
10. Синтез и свойства вольфрамофосфатоцинкатов и продуктов их термолиза / Я.А. Мороз, Н.С. Лозинский, А.Н. Лопанов, **К.А. Чебышев** // Журнал общей химии. – 2022. – Т. 92, № 1. – С. 147–154.