

**Список научных трудов сотрудников ведущей организации по теме
диссертации за последние 5 лет**

1. A.V. Khramenkova, D.N. Ariskina, K.R. Yuzhakova Preparation of Hybrid Composite Materials on the Basis of Vanadium and Molybdenum Oxide Compounds // *Materials science forum*. 2019. V. 945. P. 448-452.
2. A.V. Khramenkova, D.N. Ariskina, K.R. Yuzhakova Production of Hybrid Polymer-Oxide Materials Based on Molybdenum Oxide Compounds Using Transient Electrolysis Method // *Solid State Phenomena*. 2020. V. 299. P. 316-320.
3. M. A. Egorova, N. P. Shabel'skaya, A. V. Arzumanova, E. A. Yakovenko and V. V. Semchenko Synthesis of materials of composition CoM_2O_4 (M=Al, Fe) for purification of aqueous solutions // *IOP Conference Series: Earth and Environmental Science*. – IOP Publishing, 2021. V. 723. №. 4. P. 042029.
4. I.Y. Zhukova, L.A. Degtyar, I.G. Bobrikova Kinetic Characteristics of Electrodeposition of Ni-Co- Al_2O_3 Composite Coating // *Key Engineering Materials*. 2021. V. 887. P. 325-331.
5. Shabel'skaya, N. P., Egorova, M. A., Arzumanova, A. V., Yakovenko, E. A., Zababurin, V. M., & Vyaltsev, A. V. Получение композиционных материалов на основе феррита кобальта (II) для очистки водных растворов // *Известия высших учебных заведений. Серия химия и химическая технология*. 2021. V. 64. №2. P. 95-102.
6. Chernysheva, D. V., Leontyev, I. N., Avramenko, M. V., Lyanguzov, N. V., Grebenyuk, T. I., & Smirnova, N. V. One step simultaneous electrochemical synthesis of NiO/multilayer graphene nanocomposite as an electrode material for high performance supercapacitors. // *Mendeleev Communications*. 2021. V. 31. № 2. P. 160-162.
7. Molodtsova, T., Gorshenkov, M., Saliev, A., Vanyushin, V., Goncharov, I., & Smirnova, N. One-step synthesis of $\gamma\text{-Fe}_2\text{O}_3/\text{Fe}_3\text{O}_4$ nanocomposite for sensitive electrochemical detection of hydrogen peroxide // *Electrochimica Acta*. 2021. V. 370. P. 137723.
8. Khramenkova, A. V., Yakovenko, A. A., Yuzhakova, K. R., Mishurov, V. I., Abdulvakhidov, K. G., & Polozhentsev, O. E. Study of Properties of the Cobalt–Manganese Spinel-Based Coatings Obtained by the Non-Stationary Electrolysis. // *Russian Journal of Electrochemistry*. – 2023. – Т. 59. – №. 10. – С. 707-713.
9. Shabel'skaya, N. P., Radzhabov, A. M., Gaidukova, Y. A., & Arzumanova, A. V. Features of Ceramic Material Formation Based Upon Cobalt (II) Ferrite // *Refractories and Industrial Ceramics*. – 2023. – Т. 64. – №. 3. – С. 271-276.
10. Shabel'skaya, N. P., Egorova, M. A., Radzhabov, A. M., Ul'yanova, V. A., & Gaidukova, Y. A. Technological Features of the Preparation of Zinc Ferrite Using a Sol–Gel Process // *Inorganic Materials*. – 2023. – V. 59. – №. 3. – P. 251-256.
11. Ovchinnikova K. V., Bobrikova I. G., Zhukova I. Y., Kuts A. A., Degtyar L. A. Kinetics of Electrodeposition of Nickel–Cobalt–Alumina Composite Electrochemical Coating // *Russian Journal of Electrochemistry*. – 2024. – V. 60. – №. 4. – P. 245-251.