

Ведущая организация:

Федеральное государственное бюджетное образовательное учреждение высшего образования «Санкт-Петербургский политехнический университет Петра Великого»

Список публикаций:

- 1) Gorokhova E.I., Eron'ko S.B., Oreshchenko E.A., Rodnyi P.A., Venevtsev I.D., Kul'kov A.M., Sukharzhevskaya E.S. Structural, optical, and luminescence properties of ZnO:Er ceramic //Journal of Optical Technology. – 2019. – Т. 86. – No. 12. – С. 814-819.
- 2) Khanin V., Venevtsev I., Chernenko K., Pankratov V., Klementiev K., van Swieten T., ... Meijerink A. Exciton interaction with Ce³⁺ and Ce⁴⁺ ions in (LuGd)₃(Ga,Al)₅O₁₂ ceramics //Journal of Luminescence. – 2021. – Т. 237. – С. 118150.
- 3) Tarasov A.P., Venevtsev I.D., Muslimov A.E., Zadorozhnaya L.A., Rodnyi P.A., Kanevsky V.M. Luminescent properties of a ZnO whisker array as a scintillation detector material //Quantum Electronics. – 2021. – Т. 51. – No. 5. – С. 366.
- 4) Venevtsev I.D., Muslimov A.E., Zadorozhnaya L.A., Lavrikov A.S., Rodnyi P.A., Kanevsky V.M. X-Ray Luminescence of ZnO Tetrapods Grown in the Presence of Copper and Gold Admixtures in Initial Charge //Optics and Spectroscopy. – 2020. – Т. 128. – С. 1784-1788.
- 5) Muslimov A.E., Kanevsky V.M., Venevtsev I.D., Ismailov A.M. Optical Properties of Thick Zinc Oxide Films Doped with Gallium and Gold //Crystallography Reports. – 2020. – Т. 65. – С. 766-771.
- 6) Wiczorek H., Khanin V., Ronda C., Boerekamp J., Spoor S., Steadman R., ... Rodnyi P. Band gap variation and trap distribution in transparent garnet scintillator ceramics //IEEE Transactions on Nuclear Science. – 2020. – Т. 67. – No. 8. – С. 1934-1945.
- 7) Muslimov A.E., Venevtsev I.D., Zadorozhnaya L.A., Rodnyi P.A., Kanevsky V.M. Effect of the Morphology of an Ensemble of ZnO Microrods on the Optical and Luminescence Properties //JETP Letters. – 2020. – Т. 112. – С. 225-229.
- 8) Khanin V.M., Venevtsev I., Chernenko K., Tukhvatulina T., Rodnyi P.A., Spoor S., ... Meijerink A. Influence of 3d transition metal impurities on garnet scintillator afterglow //Crystal Growth & Design. – 2020. – Т. 20. – No. 5. – С. 3007-3017.
- 9) Gorokhova E.I., Eron'ko S.B., Oreshchenko E.A., Rodnyi P.A., Venevtsev I.D., Kul'kov A.M., Sukharzhevskaya E.S. Structural, optical, and luminescence properties of ZnO:Er ceramic //Journal of Optical Technology. – 2019. – Т. 86. – No. 12. – С. 814-819.