

Список публикаций по теме диссертации ведущей организации  
федеральное государственное бюджетное учреждение высшего образования  
«Санкт-Петербургский государственный университет»

1. B.F. Gribakin, E.S. Khramtsov, A.V. Trifonov, I.V. Ignatiev, Exciton-exciton and exciton-charge carrier interaction and exciton collisional broadening in GaAs/AlGaAs quantum wells, Phys. Rev. B 104, 20, 205302 (2021)
2. D.P Wilson, V.G. Dubrovskii and R.R. LaPierre , Improving the yield of GaAs nanowires on silicon by Ga pre-deposition, Nanotechnology 32, 265301 (2021).
3. V. Kravtsov, A.D. Liubomirov, R.V. Cherbunin, A. Catanzaro, A. Genco, D. Gillard, E.M. Alexeev, T. Ivanova, E. Khestanova, I.A. Shelykh, A.I. Tartakovskii, M. S Skolnick, D.N. Krizhanovskii, I.V. Iorsh, Spin-valley dynamics in alloy-based transition metal dichalcogenide heterobilayers, 2D Materials, 8, 2 025011 (2021)
4. I.P. Rusinov, V.N. Menshov, and E.V. Chulkov, Spectral features of magnetic domain walls on the surface of three-dimensional topological insulators, Phys. Rev. B 104, 035411 (2021)
5. P. S. Sokolov, M. Yu. Petrov, K. V. Kavokin, M. S. Kuznetsova, S. Yu. Verbin, I. Ya. Gerlovin, D. R. Yakovlev, and M. Bayer, Subsecond nuclear spin dynamics in n-GaAs, Phys. Rev. B 99, 075307 (2019).
6. P.A. Belov, Energy spectrum of excitons in square quantum wells Physica E: Low-dimensional Systems and Nanostructures 112, 96 (2019)
7. M.S. Kuznetsova, R.V. Cherbunin, V.M. Litvyak, E.V. Kolobkova, Spectroscopy of PbS and PbSe Quantum Dots in Fluorine Phosphate Glasses, Semiconductors 52, 558 (2018)
8. E.V. Ushakova, S.A. Cherevkov, A.P. Litvin, P.S. Parfenov, I.A. Kasatkin, A.V. Fedorov, Y.K. Gunko, A.V. Baranov, 3D superstructures with an orthorhombic lattice assembled by colloidal PbS quantum dots, Nanoscale 10, 17, 8313 (2018)
9. D. Gresch, Q. Wu, G.W. Winkler, R. Hausemann, M. Troyer, A.A. Soluyanov, Automated construction of symmetrized Wannier-like tight-binding models from ab initio calculations, Phys. Rev. Materials 2, 103805 (2018)
10. M.S. Kuznetsova, R.V. Cherbunin, I.Ya. Gerlovin, I.V. Ignatiev, S.Yu. Verbin, D.R. Yakovlev, D. Reuter, A. D. Wieck, and M. Bayer, Spin dynamics of quadrupole nuclei in InGaAs quantum dots, Phys. Rev. B 95, 155312 (2017).