

Список публикаций ФГАОУ ВО СПбПУ по теме диссертации

1. Shalygin V.A., Moldavskaya M.D., Danilov S.N., Farbshtein I.I., Golub L.E. Circular photon drag effect in bulk tellurium // *Physical Review B*, **93** (4), 045207 (2016)
2. Melentev G.A. et. al. Interaction of surface plasmon polaritons in heavily doped GaN microstructures with terahertz radiation // *Journal of Applied Physics*, **119** (9), 093104 (2016)
3. Elistratova M.A., Zakharova I.B., Romanov N.M., Panevin V.Y., Kvyatkovskii O.E. Photoluminescence spectra of thin films of ZnTPP–C60 and CuTPP–C60 molecular complexes // *Semiconductors*, **50** (9), pp. 1191-1197 (2016)
4. Hayrapetyan D.B., Amirkhanyan S.M., Kazaryan E.M., Sarkisyan H.A. Effect of hydrostatic pressure on diamagnetic susceptibility of hydrogenic donor impurity in core/shell/shell spherical quantum dot with Kratzer confining potential // *Physica E*, **84**, pp. 367-371 (2016)
5. Hayrapetyan D.B., Kazaryan E.M., Sarkisyan H.A. Magneto-absorption in conical quantum dot ensemble: Possible applications for QD LED // *Optics Communications*, **371**, pp. 138-143 (2016)
6. Hayrapetyan D.B., Kazaryan E.M., Sarkisyan H.A. Implementation of Kohn's theorem for the ellipsoidal quantum dot in the presence of external magnetic field // *Physica E*, **75**, pp. 353-357 (2016)
7. Sofronov A.N., Vorobjev L.E., Firsov D.A., Panevin V.Y., Balagula R.M., Werner P., Tonkikh A.A. Photoinduced mid-infrared intraband light absorption and photoconductivity in Ge/Si quantum dots // *Superlattices and Microstructures*, **87**, pp. 53-57 (2015)
8. Kvyatkovskii O.E., Zakharova I.B., Ziminov V.M. Ab initio calculations of supramolecular complexes of fullerene C60 with CdTe and CdS // *Physics of the Solid State*, **56** (6), pp. 1289-1295 (2014)
9. Zakharova I.B., Ziminov V.M., Romanov N.M., Kvyatkovskii O.E., Makarova T.L. Optical and structural properties of fullerene films doped with cadmium telluride // *Physics of the Solid State*, **56** (5), pp. 1064-1070 (2014)
10. Panevin V.Y. et. al. Lateral photoconductivity in structures with Ge/Si quantum dots // *Semiconductors*, **47** (12), pp. 1574-1577 (2013)
11. Zakharova I.B., Ziminov V.M., Nashchekin A.V., Vainshtein Y.S., Aleshin A.N. Optical spectroscopy of thin C60:CdS composite films // *Semiconductors*, **47** (1), pp. 105-109 (2013)
12. Vorobjev L.E. et. al. Photoinduced and equilibrium optical absorption in Ge/Si quantum dots // *Semiconductors*, **46** (12), pp. 1529-1533 (2012)
13. Ziminov V., Zakharova I., Aleshin A., Makarova T. Fullerene based organic-inorganic bulk heterojunction exhibiting rectifying behavior // *Journal of Nanoelectronics and Optoelectronics*, **7** (4), pp. 410-414 (2012)