

Список основных публикаций ведущей организации
«Федеральное государственное автономное образовательное учреждение
высшего образования «Санкт-Петербургский политехнический
университет Петра Великого» за последние 5 лет
по теме диссертации Лебедева С.П.

1. T. Gric and E. Rafailov, “A systematic insight into the surface plasmon polaritons guided by the graphene based heterostructures” / *Opt. Quant. Electron.* **52** (9), 404 (2020).
2. S.V. Bobylev, M.Y. Gutkin, A.G. Scheinerman, «Yield Strength of Metal–Graphene Composites with a Homogeneous and Bimodal Grain Structure» / *Mech. Solids* **55**, 22–31 (2020).
3. N. E. Firsova, S. A. Ktitorov, «Electron Scattering by Small Radius Defects and Graphene Resistivity» / *Phys. Solid State* **61**, 609–613 (2019).
4. G.L. Klimchitskaya, V.M. Mostepanenko, V.M. Petrov, «Impact of chemical potential on the reflectance of graphene in the infrared and microwave domains» / *Phys. Rev. A* **98**, 023809, (2018).
5. S.M. Dunaevskii, E.Yu. Lobanova, E.K. Mikhailenko, I. I. Pronin «Electronic and Magnetic Structure of Intercalated Graphene Films» / *Phys. Solid State* **60**, 1214–1218 (2018).
6. A.V. Arkhipov, P.G. Gabdullin, S.K. Gordeev, A. M. Zhurkin, O. E. Kvashenkina, «Photostimulation of conductivity and electronic properties of field-emission nanocarbon coatings on silicon» / *Tech. Phys.* **62**, 127–136 (2017).
7. S.V. Bobylev, N.F. Morozov, I.A. Ovid’ko, «Micromechanics of plastic deformation through grain-boundary migration in metal–graphene nanocomposites» / *Dokl. Phys.* **62**, 124–127 (2017).
8. I.I. Pronin, S. M. Dunaevskii, E.Y. Lobanova, E.K. Mikhailenko, «Modification of the electronic structure of graphene by intercalation of iron and silicon atoms», *Phys. Solid State*, **59**, 2063–2069 (2017).
9. A.S. Kochnev, N.F. Morozov, I.A. Ovid’ko, B. N. Semenov, «Deformation and fracture processes in graphene nanoribbons with linear quadrupoles of disclinations» / *Dokl. Phys.* **61**, 239–242 (2016).
10. A.I. Rudskoy, T.S. Kol’tsova, T.V. Larionova, A.N. Smirnov, E.S. Vasil’eva, A.G. Nasibulin, «Gas-Phase Synthesis and Control of Structure and Thickness of Graphene Layers on Copper Substrates» / *Met Sci Heat Treat* **58**, 40–45 (2016).