

**Список основных публикаций ведущей организации по теме
диссертации в рецензируемых научных изданиях за последние 5 лет**

1. Parshin P.P., Zemlyanov M.G., Panova G.K., Shikov A.A., Kumzerov Y.A., Naberezhnov A.A., Sergueev I., Crichton W., Chumakov A.I., Ruffer R. Atomic dynamics of tin nanoparticles embedded into porous glass // *J. Exp. Theor. Phys.* – 2012. – V. 114. – P. 440-450.
2. Shikov A.A., Zemlyanov M.G., Parshin P. P., Naberezhnov A. A., Kumzerov Y.A. Superconducting properties of tin embedded in nanometer-sized pores of glass // *Phys. Solid State.* – 2012. – V. 54. – P. 2345-2350.
3. Romanov S.G., Orlov S., Korovin A.V., Chuiko G.P., Regensburger A., Romanova A.S., Kriesch A., Peschel U. Probing guided modes in a monolayer colloidal crystal on a flat metal film // *Phys. Rev. B.* – 2012. – V. 86. – P. 195145 (1-10).
4. Khunsin W., Amann A., Kocher G., Romanov S.G., Pullteap S., Seat H.C., O'Reilly E.P., Zentel R., Sotomayor Torres C.M. Noise-assisted crystallization of opal films // *Adv. Func. Mater.* – 2012. – V. 22. – P. 1812-1821.
5. Küchenmeister J., Wolff C., Busch K., Peschel U., Romanov S.G. Abandoned Functionality of Thin-Film Opal Photonic Crystals // *Adv. Optical Mater.* – 2013. – V. 1. – P. 952–962.
6. Romanov S.G., Regensburger A., Korovin A.V., Romanova A.S., Peschel U. Noninvasive manipulation of the optical response of opal photonic crystals // *Phys. Rev. B.* – 2013. – V. 88. – P. 125418 (1-11).
7. Romanov S.G., Orlov S., Vogel N., Bley K., Landfester K., Weiss C.K., Peschel U. Balancing ballistic and hopping light transport by purposive arraying of colloidal particles / Eds. S.G. Romanov, G. Lozano, D. Gerace, C. Monat, H.R. Míguez // *Proc. of SPIE.* – 2014. – V. 9127. – P. 91270L.
8. Charnaya E.V., Lee M.K., Chang L.J., Kumzerov Yu.A., Fokin A.V., Samoylovich M.I., Bugaev A.S. Impact of opal nanoconfinement on electronic properties of sodium particles: NMR studies // *Phys. Lett. A.* – 2015. – V. 379. – P. 705-709.
9. Korovin A.V., Romanov S. G. Unconventional optical Tamm states in metal-terminated three-dimensional photonic crystals // *Phys. Rev. B.* – 2016. – V. 93. – P. 115440 (1-10).
10. Белотицкий В.И., Кумзеров Ю.А., Калмыков А.Е., Кириленко Д.А., Peschel U., Романов С.Г., Сорокин Л.М., Сысоева А.А., Zhuromskyy. О Оптические свойства наночастиц металлов в каналах хризотила // *Письма в ЖТФ.* – 2016. – Т. 42. – Вып. 12. – С. 96-102.