

Список основных публикаций Вартаняна Т.А.

в рецензируемых научных изданиях по теме диссертации за последние 5 лет.:

1. Toropov, N. A., Parfenov, P. S., & Vartanyan, T. A. (2014). Aggregation of Cyanine Dye Molecules in the Near Fields of Plasmonic Nanoparticles Excited by Pulsed Laser Irradiation. *The Journal of Physical Chemistry C*, 118(31), 18010–18014.
2. Leonov, N. B., Gladskikh, I. A., Polishchuk, V. A., & Vartanyan, T. A. (2015). Evolution of the optical properties and morphology of thin metal films during growth and annealing. *Optics and Spectroscopy*, 119(3), 450–455.
3. Gladskikh, P. V., Gladskikh, I. A., Toropov, N. A., Baranov, M. A., & Vartanyan, T. A. (2015). Correlation between structural, optical, and electrical properties of self-assembled plasmonic nanostructures on the GaAs surface. *Journal of Nanoparticle Research*, 17(11).
4. Antipov, A. A., Arakelyan, S. M., Vartanyan, T. A., Itina, T. E., Kutrovsкая, S. V., Kucherik, A. O., & Sapegina, I. V. (2015). Optical properties of nanostructured gold-silver films formed by deposition of small colloid drops. *Optics and Spectroscopy*, 119(1), 119–123.
5. Arakelyan, S. M., Veiko, V. P., Kutrovsкая, S. V., Kucherik, A. O., Osipov, A. V., Vartanyan, T. A., & Itina, T. E. (2016). Reliable and well-controlled synthesis of noble metal nanoparticles by continuous wave laser ablation in different liquids for deposition of thin films with variable optical properties. *Journal of Nanoparticle Research*, 18(6).
6. Lepeshov, S., Gorodetsky, A., Krasnok, A., Toropov, N., Vartanyan, T. A., Belov, P., Rafailov, E. U. (2018). Boosting Terahertz Photoconductive Antenna Performance with Optimised Plasmonic Nanostructures. *Scientific Reports*, 8(1).