

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

1. Zyubin, A., Rafalskiy, V., Lopatin, M., Samusev, I., Bryukhanov, V. Spectral homo-geneity of human platelets investigated by SERS (2022), PLoS ONE 2022, 17, e0265247
2. Tcibulnikova, A.V., Myslitskaya, N.A., Slezhkin, V.A., Bryukhanov, V.V., Samusev, I.G., Lyatun, I.I. Upconversion luminescence enhancement of the ytterbium oxide with gold nanoparticles on anodized titanium surface (2022) Journal of Luminescence, 251, статья № 119157
3. Tcibulnikova, A.V., Zemlyakova, E.S., Slezhkin, V.A., Samusev, I.G., Bryukhanov, V.V., Khankaev, A.A., Artamonov, D.A. Spectroscopy of triplet-excited complexes of oxy-gen with spruce cone molecules extract from picea abies in AOT micelles under combined photoexcitation (2022) Journal of Molecular Structure, 1259, статья № 132661
4. Tcibulnikova, A., Zemliakova, E., Artamonov, D., Slezhkin, V., Skrypnik, L., Samusev, I., Zyubin, A., Khankaev, A., Bryukhanov, V., Lyatun, I. Photonics of Viburnum opulus L. extracts in microemulsions with oxygen and gold nanoparticles (2022) Chemosensors, 10 (4), статья № 130
5. Myslitskaya, N.A., Tcibulnikova, A.V., Slezhkin, V.A., Samusev, I.G., Antipov, Y.N., Bryukhanov, V.V. Optical detection of the kinetics of phase transition in a water drop with eosin and silver nanoparticles (2022) Experimental Heat Transfer, 35 (3), pp. 369–380
6. Myslitskaya, N.A., Tcibulnikova, A.V., Slezhkin, V.A., Samusev, I.G., Bryukhanov, V.V. Heat wave dynamics in frozen water droplets with eosin molecules under the femtosecond excitation of a supercontinuum (2021) Condensed Matter and Interfaces, 23 (2), pp. 260–272
7. Zyubin, A., Kon, I., Tcibulnikova, A., Matveeva, K., Khankaev, A., Myslitskaya, N., Lipnevich, L., Demishkevich, E., Medvedskaya, P., Samusev, I., Bryukhanov, V., Demin, M. Numerical FDTD-based simulations and Raman experiments of femtosecond LIPSS (2021) Optics Express, 29 (3), pp. 4547–4558
8. Myslitskaya, N.A., Tsibul'nikova, A.V., Slezhkin, V.A., Samusev, I.G., Antipov, Y.N., Bryukhanov, V.V. Generation of supercontinuum in filamentation regime in a water droplet containing silver nanoparticles at low temperature (2020) Optics and Spectroscopy, 128 (12), pp. 1954–1962
9. Tcibulnikova, A.V., Khankaev, A.A., Samusev, I.G., Slezhkin, V.A., Bryukhanov, V.V., Demin, M.V., Myslitskaya, N.A., Lyatun, I.I., Medvedskaya, P.N. Polarized plasmon resonance spectra of electrochemically modified titanium surfaces with gold nanoparticles (2020) Materials Research Express, 7 (12), статья № 125802
10. Myslitskaya, N.A., Borkunov, R.Y., Tsar'kov, M.V., Slezhkin, V.A., Samusev, I.G., Antipov, Y.N., Bryukhanov, V.V. Heat transfer in a water drop containing a dye and nanoparticles under double laser irradiation (2020) Technical Physics, 65 (8), pp. 1272–1280