

**Кумзеров Юрий Александрович,**

д.ф.-м.н.,

ФТИ им. А.Ф. Иоффе,

главный научный сотрудник,

заместитель руководителя Отделения физики диэлектриков и

полупроводников

Основные публикации по теме за последние 5 лет:

1. Alexey V. Butko, Vladimir Y. Butko, Yurii A. Kumzerov. *Dirac Electrons with Molecular Relaxation Time at Electrochemical Interface between Graphene and Water*. Int. J. Mol. Sci., 25 (18), 10083 (2024). (doi: 10.3390/ijms251810083)
2. A.E. Shitov, N.Yu. Mikhailin, Yu.A. Kumzerov (et al). *Thermomagnetic instability in superconducting lead-porous glass nanocomposites*. Physica C: Superconductivity and its Applications. Volume 620, 1354502 (2024). (doi: 10.1016/j.physc.2024.1354502)
3. Andrei V. Uskov, Elena V. Charnaya, Aleksandr I. Kuklin et al. *SANS Studies of the Gallium–Indium Alloy Structure within Regular Nanopores*. Nanomaterials, 12 (13), 2245 (2022). (doi: 10.3390/nano12132245)
4. A. I. Vanin, Yu. A. Kumzerov, V. G. Solov'ev et al. *Electrical and Optical Properties of Nanocomposites Fabricated by the Introduction of Iodine in Porous Dielectric Matrices*. Glass Physics and Chemistry, Vol. 47, No. 3, pp. 229–234 (2021). (doi: 10.1134/S1087659621030123)
5. V. I. Belotitskii, A. V. Fokin, Y. A. Kumzerov et al. *Optical properties of nanowires synthesized in regular nanochannels of porous matrices*. Optical and Quantum Electronics, 52, 218 (2020). (doi: 10.1007/s11082-020-2215-z)