

ПЕРЕЧЕНЬ ПУБЛИКАЦИЙ ОФИЦИАЛЬНОГО ОППОНЕНТА

ЗА ПОСЛЕДНИЕ 5 ЛЕТ,

соответствующих специальности 2.2.6.

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Список основных публикаций официального оппонента по теме диссертации в рецензируемых научных изданиях за последние 5 лет (не более 15 публикаций)	
1.	Gevorgyan A.H., Vanyushkin N.A., Efimov I.M., Kamenev A.O., Malinchenko A.A., Golik S.S. , Oganessian K.B. Theoretical study of a tunable optical device on the base of magnetoactive cholesteric liquid crystals // Optical Materials. 2024. T. 156. C. 115961. (Scopus, WoS)
2.	Efimov I.M., Malinchenko A.A., Vanyushkin N.A., Golik S.S. , Gevorgyan A.H. Optical sensor based on defective photonic crystal for non-binary multicomponent mixtures Bulletin of the Russian Academy of Sciences: Physics. 2024. T. 88. № 6. C. 977-982. (Scopus, WoS)
3.	Ilyin A.A., Mayor A.Yu., Tolstonogova Yu.S., Lisitsa V.V., Borovsky A.V., Golik S.S. Emission spectra of water aerosols induced by filamentation of femtosecond laser pulses in air Bulletin of the Russian Academy of Sciences: Physics. 2024. T. 88. № S3. C. S330-S334. (Scopus, WoS)
4.	Kamenev A.O., Vanyushkin N.A., Efimov I.M., Golik S.S. , Gevorgyan A.H. Features of degenerate defect modes in one-dimensional photonic crystals with two defects Bulletin of the Russian Academy of Sciences: Physics. 2024. T. 88. № S3. C. S340-S347. (Scopus, WoS)
5.	Donchenko V.A., Golik S.S. , Zemlyanov A.I., Mayor A.Yu., Ryamov R.V., Trifonova A.V. Dependence of the acoustic signal value on the energy of a femtosecond pulse in aqueous aerosol and in aqueous aerosol with silver nanoparticles Russian Physics Journal. 2023. T. 65. № 12. C. 2099-2102. (Scopus, WoS)
6.	Efimov I.M., Vanyushkin N.A., Golik S.S. , Gevorgyan A.H. Sensor with enhanced performance based on photonic crystal with a defect layer Computer Optics. 2023. T. 47. № 4. C. 572-579. (Scopus, WoS)
7.	Gevorgyan A.H., Vanyushkin N.A., Efimov I.M., Kamenev A.O., Golik S.S. , Gharagulyan H., Sarukhanyan T.M., Daher M.G., Oganessian K.B. Strong light absorption and absorption absence in photonic crystals with helical structure in an external static magnetic field Journal of the Optical Society of America B: Optical Physics. 2023. T. 40. № 8. C. 1986.

	(Scopus, WoS)
8.	Ankushev A.S., Golik S. S. , Borovskiy A. V., Mayor A. Yu., Lisitsa V. V., Babyi M. Yu. The effect of the duration of laser pulses on the spectral-temporal characteristics of laser plasma in femtosecond laser-induced breakdown spectroscopy of human hair Technical Physics Letters. 2023. T. 49. № 4. C. 68. (Scopus, WoS)
9.	Gevorgyan A.H., Golik S.S. , Vanyushkin N.A., Efimov I.M. Asymmetric absorption in asymmetric dielectric fabry-perot resonator with cholesteric liquid crystal layer inside Optical Materials. 2022. T. 125. C. 112111. (Scopus, WoS)
10.	Vanyushkin N.A., Gevorgyan A.H., Golik S.S. Scattering of a plane wave by an inhomogeneous 1d dielectric layer with gradient refractive index Optical Materials. 2022. T. 127. C. 112306. (Scopus, WoS)