

СПИСОК  
опубликованных научных работ ведущей организации

№ п/п	Наименование работы	Вид работы	Выходные данные	Объем работы	Авторы
1	Theoretical analysis of solutions of cubic-quintic Ginzburg-Landau equation with gain saturation	статья	OPTICS EXPRESS, 2019, V. 27, N. 5, p. 6711-6718	8с.	E.V. Podivilov O.V. Shtyrina, I.A. Yarutkina, A.S. Skidin, M.P. Fedoruk
2	Frequency comb solutions for driven $\chi(2)$ optical microresonators	статья	JOSA B, 2020, V.37, N.11, p.3316	8с.	E. Podivilov I. Breunig, B. Sturman
3	Dual background and their stability during frequency comb and second harmonic generation in $\chi(2)$ microresonators	статья	JOSA B, 2022, V.39, N.1 p.378-387	10с.	E. Podivilov B. Sturman, J. Szabados, I. Breunig.
4	Adiabatic Growing, Multistability, and Control of Soliton-Comb States in $\chi(2)$ Microresonators for Pumping into Second-Harmonic Modes	статья	JETP Letters. 2022, V.115, N.9, P.553–559	7с.	E. Podivilov S. Smirnov, B. Sturman.
5	Ferroelectric domain reversal: The role of domain wall conduction	статья	JETP Letters. 2022, V.116, N.4, P.246–253	8с.	E. Podivilov B. Sturman
6	Nonlinear beam tapering and two-dimensional ring solitons	статья	Phys. Rev. E, 2022, V. 106, N. 5, p. 054205	10с.	E.V. Podivilov V.K. Mezentsev, I.A. Vaseva, M.P. Fedoruk, A.M. Rubenchik, S.K. Turitsyn
7	Effect of domain wall conductivity on domain formation energy	статья	Ferroelectrics. 2023, V. 604, N. 1, P. 79–89	11с.	E.V. Podivilov B. Sturman
8	Effects of dispersion and pumping scheme on soliton-comb regimes in $\chi(2)$ microresonators	статья	JOSA B, 2022, V.40, N.3, p. 516–522	7с.	E. Podivilov S. Smirnov, B. Sturman