

Список основных публикаций Рубцовой Наталии Николаевны

1. Gol'dort V.G., Ishchenko V.N., Khvorostov E.B., Kochubei S.A., Rubtsova N.N. Kinetics of two-pulsed photon echo formed on the 0–1 transition: isotropic and anisotropic collisions // *Laser Physics Letters*. – 2018. – Т. 15. – №. 12. – С. 126001.
2. Rubtsova N.N., Gol'dort V.G., Ishchenko V.N., Khvorostov E.B., Kochubei S.A., Borisov G.M., Ledovskikh D.V., Reshetov V.A. Collision-induced stimulated photon echo generated at transition 0–1 on broad spectral line conditions // *Laser Physics Letters*. – 2018. – Vol. 15, no. 4. – art.no. 046001.
3. Borisov G.M., Gol'dort V.G., Kovalyov A.A., Ledovskikh D.V., Rubtsova N.N. A Technique for Detecting Subpicosecond Reflection or Transmission Kinetics // *Instruments and Experimental Techniques*. – 2018. – Vol. 61, no. 1. – P.94-98.
4. Борисов Г.М., Гольдорт В.Г., Ковалев А.А., Ледовских Д.В., Рубцова Н.Н. Фемтосекундная кинетика отражения зеркал с насыщающимся поглощением // *Автометрия*. – 2016. – Т. 52, № 2. – С. 52-56.
5. Rubtsova N.N., Borisov G.M., Ledovskikh D.V., Kovalyov A.A., Preobrazhenskii V.V., Putyato M.A., Semyagin B.R., Kisel V.E., Rudenkov A.S., Kuleshov N.V., Pavlyuk A.A. Fast mirrors for femtosecond passive mode-locked near-infrared lasers // *Laser Physics*. – 2016. – Vol. 26, no. 12. – art. no. 125001.
6. Borisov G.M., Gol'dort V.G., Kovalyov A.A., Ledovskikh D.V., Rubtsova N.N. Femtosecond kinetics of reflection of mirrors with saturable absorption // *Optoelectronics, Instrumentation and Data Processing*. – 2016. – Vol. 52, no. 2. – P. 148- 152.
7. Rubtsova N.N., Borisov G.M., Gol'Dort V.G., Kovalyov A.A., Ledovskikh D.V. Reflectivity kinetics of saturable absorbers for laser mirrors // *Laser Physics*. – 2016. – Vol. 26, no. 2. – art. no. 025001.
8. Rubtsova N.N., Gol'Dort V.G., Ishchenko V.N., Khvorostov E.B., Kochubei S.A., Reshetov V.A. Collision induced two-pulsed photon echo at the transition 0–1 in a weak longitudinal magnetic field // *Laser Physics*. – 2015. – Vol. 25, no. 12. – art. no. 126001.
9. Kovalyov A.A., Preobrazhenskii V.V., Putyato M.A., Rubtsova N.N., Semyagin B.R., Kisel V.E., Rudenkov A.S., Kuleshov N.V., Pavlyuk A.A. Efficient high-power femtosecond Yb³⁺:KY(WO₄)₂ laser // *Laser Physics Letters*. – 2015. – Vol. 12, no. 7. – art. no. 075801.
10. Kisel V.E., Rudenkov A.S., Kuleshov N.V., Pavlyuk A.A., Kovalyov A.A., Preobrazhenskii V.V., Putyato M.A., Rubtsova N.N., Semyagin B.R. High-power, efficient, semiconductor saturable absorber mode-locked Yb:KGW bulk laser // *Optics Letters*. – 2015. – Vol. 40, no. 12. – P. 2707-2710.
11. Rubtsova N.N., Gol'Dort V.G., Ishchenko V.N., Khvorostov E.B., Kochubei S.A., Nadinov I.U., Reshetov V.A. Polarization of the stimulated photon echo in ytterbium vapour at the transition 0 ↔ 1 // *Laser Physics*. – 2014. – Vol. 24, no. 4. – P. 046003.