

List of publications of Prof. Rashid A. Ganeev

Refereed journals

1. R. A. Ganeev, A. A. Gulamov, E. A. Ibragimov, V. I. Redkorechev, T. Usmanov, "Efficient second harmonic generation and third harmonic generation using supergaussian beams of laser radiation," *Soviet Technical Physics Letters*, vol. 6, No. 16, pp. 972-975 (1980).
2. S. B. Arifzhanov, R. A. Ganeev, A. A. Gulamov, E. A. Ibragimov, V. I. Redkorechev, T. Usmanov, "Formation of a beam of high optical quality in a multistage neodymium laser," *Soviet Journal of Quantum Electronics*, vol. 11, No. 6, pp. 745-748 (1981).
3. S. B. Arifzhanov, R. A. Ganeev, A. A. Gulamov, E. A. Ibragimov, V. I. Redkorechev, T. Usmanov, "Harmonic generation of multistage Nd:glass laser radiation," *Bulletin of USSR Academy of Sciences, physical section*, vol. 45, No. 8, pp. 1389-1397 (1981).
4. R. A. Ganeev, I. A. Kulagin, T. Usmanov, S. T. Khudaiberganov, "Investigation of the generation of $\lambda=118.2$ nm coherent radiation in rare gases," *Soviet Journal of Quantum Electronics*, vol. 12, No. 12, pp. 1637-1640 (1982).
5. R. A. Ganeev, V. V. Gorbushin, I. A. Kulagin, T. Usmanov, "Optical harmonics generation in media with positive dispersion," *Applied Physics B*, vol. B41, pp. 69-71 (1986).
6. R. A. Ganeev, V. V. Gorbushin, I. A. Kulagin, T. Usmanov, "Continuous tuning of coherent radiation in the 117.6-119.2 nm range," *Soviet Journal of Quantum Electronics*, vol. 16, No. 2, pp. 115-116 (1986).
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9. I.A. Begishev, R. A. Ganeev, A. A. Gulamov, E. A. Erofeev, S. R. Kamalov, T. Usmanov, A. D. Khodjaev, "Generation of the fifth harmonic of a neodymium laser radiation and two-photon absorption in ADP and KDP crystals," *Soviet Journal of Quantum Electronics*, vol. 18, No. 2, pp. 224-228 (1988).
10. R. A. Ganeev, V. V. Gorbushin, I. A. Kulagin, T. Usmanov, S. T. Khudaiberganov, "Third harmonic generation of laser radiation in ion beams," *Soviet Technical Physics Letters*, vol. 15, No. 2, pp. 11-15 (1989).
11. I.A. Begishev, R. A. Ganeev, V. V. Gorbushin, A. A. Gulamov, S. R. Kamalov, T. Usmanov, "Cryostat for fifth harmonic generation of Nd:glass laser radiation in wide-aperture nonlinear crystals," *Journal of Applied Spectroscopy*, vol. 51, No. 5, pp. 867-870 (1989).
12. R. A. Ganeev, V. V. Gorbushin, A. V. Zinoviev, D. B. Kokurin, T. Usmanov, S. T. Khudaiberganov, "Compensation of thermal-induced birefringence in active elements of pulse repetition amplifiers," *Soviet Journal of Quantum Electronics*, vol. 19 No. 9, pp. 1169-1170 (1989).
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