Book Chapters and Invited Reviews


Refereed publications


[16] Laser transistors for multi-frequency generation in the infrared range, A.A. Belyanin, V.V. Kocharovsky, Vl.V. Kocharovsky, D.S. Pestov, Izvestiya RAN Physics, 67, 262 (2003).


[18] New semiconductor laser designs and the exploratory investigation of the terahertz frequency range, A.A. Belyanin, D. Deppe, V.V. Kocharovsky, Vl.V. Kocharovsky, D.S. Pestov, and M.O. Scully, Physics-Uspekhi 46, 986-992 (2003); In Russian: 173, n. 9, 21-27, 2003.


[50] Modified spontaneous transitions and electromagnetic instability of the ground state of a molecule due to near field in the vicinity of an active medium. Belyanin A.A., Kocharovsky V.V., Kocharovsky VI.V. Laser Physics, 1995, 5, No. 5/6, 1164-1170.


