

Jugoslav P. Karamarković

LIST OF THE MOST IMPORTANT PUBLICATIONS

1. M.M. Pejovic, J.P. Karamarkovic, G.S. Ristic and M.M. Pejovic, "Analysis of neutral active particle loss in afterglow in krypton at 2.6 mbar pressure", *Physics of Plasmas*, vol. 15, No 1, p. 013502, 2008.
2. A.D. Semenov, H. Richter, H.-W. Hübers, B. Günter, A. Smirnov, K.S. Il'in, M. Siegel and J.P. Karamarković, "Terahertz performance of integrated lens antennas with a hot-electron bolometer", *IEEE Trans. on Microwave Theory and Techniques*, vol. 55, No. 2, pp. 239-247, 2007.
3. Č.A. Maluckov, J.P. Karamarković, M.K. Radović, and M.M. Pejović, "Statistical analysis of the electrical breakdown time delay distributions in krypton", *Physics of Plasmas*, vol. 13, No 8, p. 083502, 2006.
4. Č.A. Maluckov, J.P. Karamarković, M.K. Radović, and M.M. Pejović, "The application of convolution-based statistical model on the electrical breakdown time delay distributions in neon", *IEEE Trans. on Plasma Science*, vol. 34, No. 1, pp. 2-6, 2006.
5. Č.A. Maluckov, J. P. Karamarković and M. K. Radović, "Investigation of the influence of overvoltage, auxiliary glow current and relaxation time on the electrical breakdown time delay distributions in neon", *Contrib. Plasma Physics*, vol. 45, No. 2, pp. 118-129, 2005.
6. Č.A. Maluckov, J.P. Karamarković, M.K. Radović, and M.M. Pejović, "The application of convolution-based statistical model on the electrical breakdown time delay distributions in neon", *Physics of Plasmas*, vol. 11, No 11, pp. 5328-5334, 2004.
7. N.D. Janković, T.V. Pešić and J.P. Karamarković, "1D physical non-quasi-static BJT circuit model based on the equivalent transmission line analysis", *J. of Comput. Electronics*, vol. 3, pp. 13-24 2004.
8. Č. Maluckov, J. Karamarković and M. Radović, "Statistical analysis of electrical breakdown time delay distributions in neon tube at 13:3 mbar", *IEEE Trans. on Plasma Science*, vol. 31, no 6, pp. 1344-1348, Dec. 2003.
9. M.M. Pejović, G.S. Ristić and J.P. Karamarković, "Electrical breakdown in low pressure gases", *Journal of Physics D: Applied Physics - Invited Topical Review*, vol. 35, pp. R91-R103, 2002.

10. J.P. Karamarković and N.D. Janković, "Modification of drift-diffusion model for short base transport," *IEE Electronic Letters*, vol. 36, no. 24, pp. 2047-2049, 2000.
11. M.M. Pejović, G.S. Ristić, Č.S. Milosavljević, P.D. Vuković, and J.P. Karamarković, "Statistical reliability of time delay values for nitrogen-filled tube at pressure of 1:3 mbar", *Vacuum*, vol. 53, no. 3-4, pp. 435-440, 1999.
12. M.M. Pejović, J.P. Karamarković, and G.S. Ristić, "The application of time delay method for analysis of processes which initiate electrical breakdown in 1:3 mbar nitrogen", *IEEE Trans. on Plasma Science*, vol. 26, no 6, pp. 1733-1737, Dec. 1998.
13. J.P. Karamarković and N.D. Janković, "Novel approximative analytical expressions for minority-carrier transit time including recombination", *Microelectronics Journal*, vol. 28, no 2, pp. 167-172, 1997.
14. J.P. Karamarković, N.D. Janković, D.B. Glozić, "Transmission line equivalent circuit model of minority carrier transient current in quasi-neutral silicon layers including inductive effects", *International Journal of Numerical Modelling - Electronic Networks, Devices and Fields*, vol. 8, no 5, pp. 341-356, 1995.
15. J.P. Karamarković, N.D. Janković, B.D. Milovanović, "Periodical steady-state analysis of minority carrier diffusion including momentum relaxation time", *IEE Electronics Letters*, vol. 29, no 15, pp. 1316-1317, July 1993.
16. N.D. Janković, J.P. Karamarković, "Analytical model for the effective recombination velocity at an arbitrarily doped high-low junction", *IEE Proceedings I (Communications, Speech and Vision)*, vol. 135, no 5, pp. 136-138, October 1988.