

- Dragana Markušev, Dragan Markušev, **Sanja Aleksić**, Dragan Pantić, Slobodanka Galović, D. M. Todorović, Jose Ordonez-Miranda, „ Experimental Photoacoustic observation of the Photogenerated Excess Carrier Influence on the Thermoelastic Response of n-type Silicon“, Journal of Applied Physics, vol. 128, no. 9, September 2020. [Q](#)
- N. Jovančić, D.K. Markushev, D.D. Markudhev, **S.M. Aleksić**, D.S. Pantić, D. Korte, M. Franko: "Thermal and Elastic Characterization of Nanostructured Fe<sub>2</sub>O<sub>3</sub> Polymorphs and TiO<sub>2</sub>-Coated Fe<sub>2</sub>O<sub>3</sub> Using Open Photoacoustic Cell", International Journal of Thermophysics (2020), DOI :10.1007/s10765-020-02669-w."
- D.K. Markushev, D.D. Markudhev, **S.M. Aleksić**, D.S. Pantić, S. Galovic, D. Todorovic, J. Ordonez-Miranda: "Effects of the photogenerated excess carriers on the thermal and elastic properties of n-type silicon excited with a modulated light source: Theoretical analysis" Journal of Applied Physics, 126, 185102 (2019), DOI: 10.1063/1.5100837
- **Sanja Aleksić**, Aleksandar Pantić, Dragan Pantić, “High electric field stress model of n-channel VDMOSFET based on artificial neural network”, Journal of Computational Electronics, pp. 1-10, April 2018. <https://doi.org/10.1007/s10825-018-1167-z>
- **Sanja Aleksić**, Biljana Pešić, Dragan Pantić, “Simulation of semiconductor bulk trap influence on the electrical characteristics of the n-channel power VDMOS transistor”, Informacije MIDEM Journal of Microelectronics, Electronics Components and Materials, vol. 43, no. 2, pp. 124-130, 2013. (M23 – 0.277).
- **SCI (SSCI)**, A. Jakšić, M. Pejović, „Repeating of positive and negative high electric field stress and corresponding thermal post-stress annealing of the n-channel power VDMOSFETs“, Solid-State Electronics, Vol. 52, Issue 8, pp. 1197-1201, 2008.
- Aleksandar Jakšić, Momčilo Pejović, Goran Ristić, **Sanja Raković**, ”Latent interface-trap generation in commercial power VDMOSFETs”, IEEE Trans. Nucl. Sci., Vol. 45, No. 3, pp. 1365-1371, 1998.
- **Sanja Aleksić**, Dragana Markushev, Dragan Pantić, Mihajlo Rabasović, Dragan Markushev, Dragan Todorović, „Electro-acoustic influence of the measuring system on the photoacoustic signal amplitude and phase in frequency domain“, Facta universitatis - series Physics Chemistry and Technology 14(1):9-20 · January 2016.
- Dragana Markušev, Dragan Markušev, **Sanja Aleksić**, Dragan Pantić, Slobodanka Galović, D. M. Todorović, Jose Ordonez-Miranda, „ Experimental Photoacoustic observation of the Photogenerated Excess Carrier Influence on the Thermoelastic Response of n-type Silicon“, Journal of Applied Physics, vol. 128, no. 9, September 2020. <https://doi.org/10.1063/5.0015657>
- **Sanja Aleksić**, Danijela Pantić, Dragan Pantić, „The Influence of Interface and Semiconductor Bulk Traps Generated Under HEFS on MOSFET`s Electrical Characteristics“, Proc. of 4th Small Sistem Simulation Symposium – SSSS 2014, Niš, Serbia, Februaru 2014.