

Lista publikacji

- październik 2011

I. Prace oryginalne (rozdziały w książkach zbiorowych, artykuły w czasopismach):

1. Miniewicz A., Palewska K., **Sznitko L.**, Lipiński J., 2011, ***Single and two-photon induced fluorescence in organic non-linear optical single crystal 3-(1,1-dicyanoethenyl)-1-phenyl-4,5-dihydro-1H-pyrazole***, *J. Phys. Chem. A* 115(39): 10689-10697.
2. **Sznitko L.**, Mysliwiec J., Parafiniuk K., Palewska K., Bartkiewicz S., Miniewicz A., 2011, ***Amplified spontaneous emission in polymethyl methacrylate doped with 3-(1,1-dicyanoethenyl)-1-phenyl-4,5-dihydro-1H-pyrazole (DCNP)***, *Chem. Phys. Lett.* 512(4-6): 247-250.
3. **Sznitko L.**, Mysliwiec J., Karpinski P., Palewska K., Parafiniuk K., Bartkiewicz S., Rau I., Kajzar F., Miniewicz A., 2011, ***Biopolymer based system doped with nonlinear optical dye as a medium for amplified spontaneous emission and lasing***, *Appl. Phys. Lett.* 99(3): 031107.
4. Mysliwiec J., **Sznitko L.**, Sobolewska A. M., Bartkiewicz S., Miniewicz A., 2010, ***Lasing effect in a hybrid dye-doped biopolymer and photochromic polymer system***, *Appl. Phys. Lett.* 96(14): 141106.
5. **Sznitko L.**, Anczykowska A., Mysliwiec J., Bartkiewicz S., 2010, ***Influence of grating period on kinetics of self-diffraction in nematic liquid crystal panel with photoconducting polymeric layer***, *Appl. Phys. Lett.* 96(11): 111106.
6. **Sznitko L.**, Bartkiewicz S., Anczykowska A., Mysliwiec J., 2009, ***Study of self-diffraction phenomenon in hybrid liquid crystal panel***, *J. Phys. D: Appl. Phys.* 42(20): 205107.
7. Mysliwiec J., **Sznitko L.**, Bartkiewicz S., Miniewicz A., Essaidi Z., Sahraoui B., Kajzar F., 2009, ***Amplified spontaneous emission in the spiropyran – biopolymer based system***, *Appl. Phys. Lett.* 94(24): 241106.
8. Mysliwiec J., **Sznitko L.**, Miniewicz A., Kajzar F., Sahraoui B., 2009, ***Study of the amplified spontaneous emission in a dye-doped biopolymer-based material***, *J. Phys. D: Appl. Phys.* 42(8): 085191.

II. Prace pokonferencyjne i doniesienia zjazdowe:

1. Mysliwiec J., **Sznitko L.**, Sobolewska A. M., Bartkiewicz S., Miniewicz A., 2010, ***Biopolymer-based hybrid systems for lasing applications***, *Proc. of SPIE* 7765 776507-1.
2. Bartkiewicz S., **Sznitko L.**, Anczykowska A., Mysliwiec J., 2010, ***Model of Grating Formation in Hybrid Liquid Crystal Panel Containing Photo-Conducting Polymer***, *Proceedings of the IEEE*.
3. Anczykowska A., Bartkiewicz S., **Sznitko L.**, Mysliwiec J., 2009, ***Voltage Dependence of Hologram Generation in Nematic Liquid Crystal Hybrid Panels***, *Proceedings of IEEEIC* Editor: H. Schwarz, Z. Leonowicz.

4. Mysliwiec J., **Sznitko L.**, Smoczynska B., Bartkiewicz S., Miniewicz A., Sahraoui B., Kajzar F., 2009, ***Applications of DNA-based material for lasing and dynamic holography***, Proc. of SPIE 7213.