

Piotr Hańczyc

Lista publikacji

z dnia 31 października 2013

Publikacje w czasopismach

1. Hanczyc P., Samoc M., Norden B., (2013), **Multi-photon Absorption in Amyloid Protein Fibres**, *Nature Photonics*, 7: 969-972
2. Hanczyc P., Lincoln P., Norden B., (2013), **Interactions of Binuclear Ruthenium(II) Complexes with Oligonucleotides in Hydrogel Matrix: Enantioselective Threading Intercalation into GC Context**, *J. Phys. Chem. B*, 117 (10): 2947–2954
3. Hanczyc P., Akerman B., Norden B., (2012), **Short Oligonucleotides Aligned in Stretched Humid Matrix – Secondary DNA structure in Poly(Vinyl Alcohol) Environment**, *Langmuir*, 28 (16): 6662-6669
4. Hanczyc P., Norden B., Samoc M., (2012), **Two-Photon Absorption of Metal-Organic DNA-Probes**, *Dalton Transactions*, 41 (11): 3123-3125
5. Olesiak-Banska J., Hanczyc P., Matczyszyn K., Norden B., Samoc M., (2012), **Nonlinear absorption spectra of ethidium bromide and ethidium bromide homodimer**, *Chemical Physics*, 404: 33-35
6. Samoć M., Matczyszyn K., Nyk M., Olesiak-Bańska J., Wawrzyńczyk D., Hanczyc P., Szeremeta J., Wielgus M., Gordel M., Mazur L., Kołkowski R., B. Straszak, M. P. Cifuentes, M. G. Humphrey, (2012), **Nonlinear absorption and nonlinear refraction: maximizing the merit factors**, *Proc. SPIE* 8258: 82580V
7. Hanczyc P., Norden B., Akerman B., (2011), **DNA in a Polyvinyl Alcohol Matrix and Interactions with Three Intercalating Cyanine Dyes**, *The Journal of Physical Chemistry B* 115 (42): 12192-12201
8. Hanczyc P., Matczyszyn K., Pawlik K., Olesiak-Bańska J., Leh H., Buckle M., (2011), **Spontaneous formation of liquid crystalline phases and phase transition in highly concentrated plasmid DNA**, *Liquid Crystals* 38 (4): 461–468