

Dominika Wawrzyńczyk

Lista publikacji

z dnia 31 października 2012

I. Publikacje w czasopismach

1. Bednarkiewicz A., Wawrzynczyk D., Nyk M., Samoc M., 2011, *Tuning red-green-white up-conversion color in nano NaYF₄:Er/Yb phosphor*, Journal of Rare Earths, 29: 1152–1156.
2. Nyk M., Wawrzynczyk D., Szeremeta J., Samoc M., 2012, *Spectrally Resolved Size-dependent Third-order Nonlinear Optical Properties of Colloidal CdSe Quantum Dots*, Applied Physics Letters, 100: 041102-041105.
3. Wawrzynczyk D., Bednarkiewicz A., Nyk M., Cichos J., Karbowski M., Hreniak D., Strek W., Samoc M., 2012, *Optimisation of ligand exchange towards stable water suspensions of crystalline NaYF₄:Er³⁺, Yb³⁺ nanoluminophors*, Journal of Nanoscience and Nanotechnology 12 (3): 1886-1891.
4. Bednarkiewicz A., Wawrzynczyk D., Gagor A., Kepinski L., Kurnatowska M., Krajczyk L., Nyk M., Samoc M., Strek W., 2012, *Giant enhancement of upconversion in ultra-small Er³⁺/Yb³⁺:NaYF₄ nanoparticles via laser annealing*, Nanotechnology 23: 145705-145712.
5. Wawrzynczyk D., Bednarkiewicz A., Nyk M., Gordel M., Strek W., Samoc M., 2012, *Modulation of Up-conversion Luminescence of Lanthanide (III) Ion Co-doped NaYF₄ Nanoparticles using Gold Nanorods*, Optical Materials 34 (10): 1708-1712.
6. Nyk M., Wawrzynczyk D., Parjaszewski K., Samoc M., 2011, *Spectrally Resolved Nonlinear Optical Response of Up-conversion Lanthanide-Doped NaYF₄ Nanoparticles*, The Journal of Physical Chemistry C, 115 (34): 16849-16855.
7. Bednarkiewicz A., Wawrzynczyk D., Nyk M., Strek W., 2011, *Synthesis and spectral properties of colloidal Na³⁺ doped NaYF₄ nanocrystals*, Optical Materials (33): 1481-1486.
8. Bednarkiewicz A., Wawrzynczyk D., Nyk M., Strek W., 2011, *Optically stimulated heating using Na³⁺ doped NaYF₄ colloidal near infrared nanophosphors*, Applied Physics B 103: 847-852.
9. Wawrzynczyk D., Nyk M., Bednarkiewicz A., Strek W., Samoc M., 2012, *A comparison of morphology, structure and optical properties of ultrasmall, small and core-shell up-converting NaYF₄ nanocrystals co-doped with Tm³⁺ and Yb³⁺ ions*, 2013, Journal of Luminescence 133: 138-144.
10. Wawrzynczyk D., Bednarkiewicz A., Nyk M., Strek W., Samoc M., 2012, *Neodymium (III) doped fluoride nanoparticles as a non-contact optical temperature sensor*, 2012, Nanoscale 4 (22): 6959-6961.

II. Prace pokonferencyjne i doniesienia zjazdowe:

1. Samoc M., Matczyszyn K., Nyk M., Olesiak-Banska J., Wawrzynczyk D., Hanczyc P., Szeremeta J., Wielgus M., Gordel M., Mazur L., Kołkowski R., Straszak B., Cifuentes M. P., Humphrey M. G., *Nonlinear absorption and nonlinear refraction: maximizing the merit factors*, 2012, Proc. SPIE 8258 82580V.