

# Tomasz Grzyb

Lista publikacji  
z dnia 31 października 2012

## Publikacje w czasopismach

1. Grzyb T., Gruszczyńska A., Wigitus R.J., Śniadecki Z., Idzikowski B., Lis S., 2012, **Multifunctionality of  $GdPO_4:Yb^{3+}, Tb^{3+}$  nanocrystals – luminescence and magnetic behavior**, *J. Mater. Chem.* 22(43): 22989–22997
2. Runowski M., Grzyb T., Lis S., 2012, **Magnetic and luminescent hybrid nanomaterial based on  $Fe_3O_4$  nanocrystals and  $GdPO_4:Eu^{3+}$  nanoneedles**, *J. Nanopart. Res.* 14(10): 1188–1185
3. Wigitus R.J., Grzyb T., Lukowiak A., Bednarkiewicz A., Głuchowski P., Lis S., Strek W., 2012, **Comparative studies on structural and luminescent properties of  $Eu^{3+}:MgAl_2O_4$  and  $Eu^{3+}, Na^+:MgAl_2O_4$  nanopowders and nanoceramics**, *Opt. Mater.*, doi: 10.1016/j.optmat.2012.07.017
4. Grzyb T., Węclawiak M., Lis S., 2012, **Influence of nanocrystals size on the structural and luminescent properties of  $GdOF:Eu^{3+}$** , *J. Alloys Compd.*, 539: 82–89
5. Grzyb T., Runowski M., Szczeszak A., Lis S., 2012, **Influence of Matrix on the Luminescent and Structural Properties of Glycerine-Capped,  $Tb^{3+}$ -Doped Fluoride Nanocrystals**, *J. Phys. Chem. C*, 116(32): 17188–17196
6. Wigitus R.J., Grzyb T., Bednarkiewicz A., Lis S., Strek W., 2012, **Investigation of Structure, Morphology, and Luminescence Properties in Blue-Red Emitter, Europium-Activated  $ZnAl_2O_4$  Nanospinels**, *Eur. J. Inorg. Chem.* 2012(21): 3418–3426
7. Kulpinski P., Namyslak M., Grzyb T., Lis S., 2012, **Luminescent cellulose fibers activated by  $Eu^{3+}$ -doped nanoparticles**, *Cellulose* 2012, 19(4): 1271–1278
8. Szczeszak A., Grzyb T., Lis S., and Wigitus R.J., 2012, **Revision of structural properties of  $GdBO_3$  nanopowders doped with  $Eu^{3+}$  ions through spectroscopic studies**, *Dalton Trans.*, 41: 5824–5831
9. Grzyb T., Szczeszak A., Rozowska J., Legendziewicz J., Lis S., 2012, **Tunable Luminescence of  $Sr_2CeO_4:M^{2+}$  ( $M = Ca, Mg, Ba, Zn$ ) and  $Sr_2CeO_4:Ln^{3+}$  ( $Ln = Eu, Dy, Tm$ ) Nanophosphors**, *J. Phys. Chem. C*, 116(5): 3219–3226
10. Wigitus R.J., Grzyb T., Lukowiak A., Bednarkiewicz A., Lis S. and Strek W., 2012, **Tuning luminescence properties of  $Eu^{3+}$  doped  $CaAl_2O_4$  nanophosphores with  $Na^+$  co-doping**, *J. Lumin.*, doi:0.1016/j.jlumin.2011.12.039
11. Wigitus R.J., Grzyb T., Watras A., Deren P., Lis S. and Strek W., 2011, **An impact of sintering temperature and doping level on structural and spectral properties of Eu-doped strontium aluminium oxide**, *J. Rare Earths*, 29(12): 1105–1110
12. Runowski M., Grzyb T., Lis S., 2011, **Bifunctional luminescent and magnetic core/shell type nanostructures  $Fe_3O_4@CeF_3:Tb^{3+}/SiO_2$** , *J. Rare Earths* 29(12): 1117–1122
13. Grzyb T., Lis S., 2011, **Structural and spectroscopic properties of  $LaOF:Eu^{3+}$  nanocrystals prepared by sol-gel Pechini method**, *Inorg. Chem.*, 50(17): 8112–8120
14. Wigitus R.J., Grzyb T., 2011, **The effect of nanosized particles of  $MgAl_2O_4:Tb^{3+}$  on the structure and spectroscopic properties**, *Opt. Mater.*, 33(10): 1506–1513
15. Wigitus R.J., Grzyb T., Lis S. and Strek W., 2010, **Hydrothermal preparation and photoluminescent properties of  $MgAl_2O_4:Eu^{3+}$  spinel nanocrystals**, *J. Lumin.*, 130(3): 434–441
16. Grzyb T., Weclawiak M., Lis S., 2009, **Synthesis and photophysical properties of  $LaOF:Eu^{3+}$  nanocrystals**, *Terrae Rarae*, 19: 1–5
17. Grzyb T., Lis S., 2009, **Photoluminescent properties of  $LaF_3:Eu^{3+}$  and  $GdF_3:Eu^{3+}$  nanoparticles prepared by coprecipitation method**, *J. Rare Earths*, 27(4): 588–592
18. Wigitus R.J., Grzyb T., Lis S. and Strek W., 2009, **Preparation and spectroscopy characterization of  $Eu:MgAl_2O_4$  nanopowder prepared by modified Pechini method**, *J. Nanosci. Nanotechnol.*, 9(10): 5803–5810
19. Lis S., Staninski K., and Grzyb T., 2008, **Electrochemiluminescence Study of Europium (III) Complex with Coumarin3-Carboxylic Acid**, *Int. J. Photoenergy*, article ID 131702, 6 pages