ИНСТИТУТ ПО ОПТИЧЕСКИ МАТЕРИАЛИ И ТЕХНОЛОГИИ

БЪЛГАРСКА АКАДЕМИЯ НА НАУКИТЕ

Списък 6: Публикации, приети за печат през 2013 г., които са реферирани и индексирани в световната система за реферирање, индексиране и оценяване

1. D. Dimov, I. Spassova, G. Danev, I. Zhivkov, J. Assa, An improvement of the organic solar cells functional parameters, Journal of Physics: Conference Series **ISSN**: 17426588
2. P Ivanov, R Tomova, P Petrova, S Stanimirov and I Petkov, New cyclometalated Iridium(III) complex as phosphorescent dopant in Organic light emitting devices, Journal of Physics: Conference Series **ISSN**: 17426588
3. P K Petrova, P I Ivanov and R L Tomova, Color tunability in multilayer OLED based on DCM and DPVBi as emitting materials, Journal of Physics: Conference Series **ISSN**: 17426588
4. B Georgieva, J Pirov and I Podolesheva, Influence of the thickness and thermal treatment on the humidity and ethanol sensing properties of Sn-O-Te layers, Journal of Physics: Conference Series **ISSN**: 17426588
5. J. Dikova, S. Kitova, D. Stoyanova, A.Vasilev, T. Deligeorgiev and S. Angelova, Optical properties of thin merocyanine dye layers for photovoltaic applications, Journal of Physics: Conference Series **ISSN**: 17426588
6. K. Lazarova, M. Vasileva, G. Marinov and T. Babeva, "Optical characterization of sol-gel derived Nb_2O_5 thin films" Optics & Laser Technology **ISSN**: 00303992
7. A. Lalova, R. Todorov, "Asymmetric one dimensional photonic crystal for optical sensing in visible spectral range", Journal of Physics: Conference Series **ISSN**: 17426588
8. V. Lozanova, A. Lalova, L. Soserov, R. Todorov, "Optical and electrical properties of very thin chromium films for optoelectronic devices, Journal of Physics: Conference Series **ISSN**: 17426588
9. Ren Chung Liu, Vera Marinova, Shiuan Huei Lin, Yi Hsin Lin and Ken Yuh Hsu "Near infrared sensitive PDLC light valve using BSO:Ru substrate", Appl. Phys. Lett., submitted 28 Nov. 2013 **ISSN** 00036951
10. T. Nikova, E. Stoykova, “Design of a photoelastic measurement of principal stresses by a phase-shifting method”, Physica Scripta (2013), **ISSN** 00318949
11. T. Nikova, E.Stoykova, B. Ivanov, “Pointwise implementation of dynamic laser speckle technique”, Physica Scripta (2013), **ISSN** 00318949
12. R.G. Nikov, A.S. Nikolov, N.N. Nedyalkov, E.L. Pavlov, P.A. Atanasov, M.T. Alexandrov, D.B. Karashanova, “Study of the aging process of noble metal nanoparticles created by pulsed laser ablation in water”, Appl. Surf. Sci., **ISSN:** 01694332.

13. 1.1.4. A.S. Nikolov, N.N. Nedyalkov, R.G. Nikov, I.G. Dimitrov, P.A. Atanasov, K. Maximova, Ph. Delaporte, A. Kabashin, M.T. Alexandrov and D.B. Karashanova, “Processing conditions in pulsed laser ablation of gold in liquid for fabrication of nanowires”, Appl. Surf. Sci., **ISSN**: 01694332.
14. 1.1.5. K. Lovchinov, M. Petrov, O. Angelov, H. Nitchev, D. Karashanova, D. Dimova-Malinovska, “Influence of annealing on the optical, structural and electrical properties of multilayer stack structures ZnO:Al/Ag/ZnO:Al”, Journal of Physics: Conference Series, **ISSN:** 17426588
15. 1.1.6. V. Andonova, G. Georgiev, V. Toncheva, N. Petrova, D. Karashanova, D. Penkov, M. Kassarova, “Indomethacin Loading and In Vitro Release Properties from Polyzwitterionic Polymer and Carbopol Coated Nanoparticles, Based on Homo- and Copolymers of Vinyl(acetate)”, International Journal of Pharmacy and Pharmaceutical Sciences 6 (2014) 691-699, **ISSN**: 09751491.
16. 1.1.7. V. Andonova, G. Georgiev, V. Toncheva, D. Karashanova, Pl. Katsarov, M. Kassarova, “Carbopol and Chitosan Coated Nanoparticles with In Situ Loaded Indomethacin”, American Journal of Pharm Tech Research, **ISSN**:22493387.
17. Y. Georgiev, I. Zhivkov, T. Takov, G. Angelov, R. Prikryl, S. Stritesky, J, Honova and M. Weiter, Vacuum Deposited Diphenyl-Diketo-Pyrrolopyrroles Structures with Photoelectrical Application, Journal of Physics: Conference Series, **ISSN**: 17426588
18. V. Milenkov, J. Honova, I. Zhivkov, R. Yordanov, M. Vala, D. Mladenova, and M. Weiter, Flow Homogenization in the spray Polyphenylene Vinylene Thin Film Deposition, Journal of Physics: Conference Series, **ISSN**: 17426588