

ИНСТИТУТ ПО ОПТИЧЕСКИ МАТЕРИАЛИ И ТЕХНОЛОГИИ
БЪЛГАРСКА АКАДЕМИЯ НА НАУКИТЕ

Списък 3: Публикации, излезли от печат през 2013г., без рефериране и индексиране в световната система за рефериране, индексиране и оценяване (в световни вторични източници)

1. B. Georgieva, I. Podolesheva, Nanostructured thin Sn-O-Te films as humidity and ethanol sensors, Bulg. J. Phys. 40 219–223 (2013) **ISSN:** 13100157
2. V. Strijkova, B. Georgieva, Vacuum deposited polyimide layers as humidity sensors, Bulg. J. Phys. 40 (2013) 224–228 **ISSN:** 13100157
3. Lian Nedelchev, Dimana Nazarova and Violeta Dragostinova, Photosensitive organic/inorganic azopolymer-based nanomaterials with enhanced photoinduced anisotropy, nanoPorTugal 2013: Nanoscience and Nanotechnology International Conference, 13-15 February 2013, Porto, Portugal http://www.nanopt.org/12Abstracts/2012_Nedelchev_Lian_lian@iomt.bas.bg_NanoPT2013_Nedelchev_Lian.pdf
4. Dimana Nazarova, Lian Nedelchev, Peter Sharlandjiev, and Violeta Dragostinova, "Anisotropic hybrid organic/inorganic (azopolymer/SiO₂ NPs) materials with enhanced photoinduced birefringence", EuroNanoForum, Dublin, Ireland, 18-20 June (2013) **ISSN:** 1018-5593
5. T. Babeva, K. Lazarova, M. Vasileva, B. Gospodinov and J. Dikova, " Temperature tuning of optical properties of high refractive index metal oxide films obtained by the sol-gel method", Bulgarian Journal of Physics, 40, 253–257, (2013), **ISSN:**1310-0157
6. A. Lalova, J. Tasseva, R Todorov, Fabrication of two-dimensional diffraction structure in thin As - Ge - S/Ag films as platform for optical sensing, Book of Extended abstracts, 3rd EOS Conference on Manufacturing of Optical Components (EOSMOC 2013) International Congress Centre Munich (ICM), Germany, 13-15 May 2013.
7. V. Marinova, D.Dimitrov, V.Tomov, M.Gospodinov "Single crystals growth of topological insulators in Bi₂(Se_xTe_{1-x})₃ and Cd_xHg_{1-x}Te systems", Workshop on New Trends on Topological Insulators, Saint Feliu de Guixols, Girona, Spain, pp.46-47 (2013)
8. Vera Marinova, Ren Chung Liu, Ming-Syuan Chen, Shiuan Huei Lin, Yi Hsin Lin, and Ken Yuh Hsu "Organic/Inorganic Hybrid Devices for Near Infrared Applications" Optics 2013, Proceeding of Optics and Photonics Taiwan 3 pages (2013)
9. Ren Chung Liu, Ming-Syuan Chen, Vera Marinova, Shiuan Huei Lin, Yi Hsin Lin, and Ken Yuh Hsu "Beam coupling in a hybrid structure based on near infrared sensitive Bi₁₂TiO₂₀ crystal" Optics 2013, Proceeding of Optics and Photonics Taiwan, 3 pages (2013)

10. E. Stoykova, N. Berberova, J. S. Park, H. Kang, V. Sainov, Pattern projection profilometry with sinusoidal gratings under coherent illumination, 3D Res. Springer 04, 01(2013), 5, ISSN: 2092-6731
11. E. Stoykova, N. Berberova, H. Kang, and V. Sainov, "Sinusoidal Phase Grating as a Diffractive Optical Element for Profilometry," in Digital Holography and Three-Dimensional Imaging, OSA Technical Digest (online) (Optical Society of America, 2013), paper DW3A.2.
12. E. Stoykova, H. Kang, "3D capture and 3D contents generation for holographic displays", invited lecture, Proc. IMID, 1 page (2013)
13. J. Park, E. Stoykova, S.H. Hong, S. Lee, K. Jung, H. Kang, Numerical reconstruction of a full-parallax cylindrical holographic stereogram, Global 3D Technology Forum 2013 Digest, pp.134-135 (2013)
14. Y.M. Kim, S.H. Hong, E. Stoykova, J. Park, J.S. Park, and H. Kang, "Color wave-front holographic printing method based on spatial partitioning", Proc. Third Korea-Japan workshop on digital holography and information photonics, 18-20 November, Daejeon, South Korea (2 pages) (2013)
15. H. Kang, E. Stoykova, Partitioning based fast digital hologram generation method, Proc. Third Korea-Japan workshop on digital holography and information photonics, 18-20 November, Daejeon, South Korea (2 pages) (2013)
16. Georgi Spasov Spasov. "Correcting in Auger Electron Spectroscopy". Annual Journal of Electronics 2013, 1 pp. 196 – 199 (2013) ISSN 1314-00782013
17. Georgi Spasov Spasov. "Comparing Quantitative Auger Analysis". Annual Journal of Electronics 2013, 1, pp. 200-203 (2013) ISSN 1314-00782013
18. K. Lovchinova, M. Petrova, O. Angelova, H. Nitcheva, D. Karachanova, D. Dimova-Malinovska, "Multilayer ZnO:Al/Ag/ZnO:Al Stack Structures for Back Reflector in Thin Film Solar Cells", Proceedings of 28th European Photovoltaic Solar Energy Conference and Exhibition, (2013) 408-412, ISSN: 2196-100X
19. S. Petrik, I. Zhivkov, V. Milenkov, D. Mladenova, I. Marova, P. Matouskova, A. Haronikova, and M. Weiter, Influence of Pulse Electric Field on Red Yeasts Strains, In Electronic Devices and Systems IMAPS CS International Conference 2013. Brno: VUT v Brně, 2013. s. 78-84. ISBN: 978-80-214-4754- 7.