

Списък на публикации на ас.д-р Катерина Лазарова

Списък на публикациите с IF и SJR

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2. T. Babeva, H. Awala, M. Vasileva, J. El Fallah, **K. Lazarova** and S. Mintova, "Pure silica MFI zeolite films as antireflection coatings", Bulgarian Chemical Communications, Volume 45, Special Issue B, 18-22, (2013)
3. T. Babeva, **K. Lazarova**, M. Vasileva, B. Gospodinov and J. Dikova, "Fabrication and characterization of high refractive index optical coatings by sol-gel method for photonic applications", Bulgarian Chemical Communications, Volume 45, Special Issue B, 28-32, (2013).
4. **K. Lazarova**, M. Vasileva, G. Marinov and T. Babeva, "Optical characterization of sol-gel derived Nb₂O₅ thin films", Optics & Laser Technology, 58, 114–118, (2014)
5. T. Babeva, Hussein Awala, Marina Vasileva, Jaafar El Fallah, **Katerina Lazarova**, Sebastien Thomas and Svetlana Mintova, "Zeolite films as building blocks for antireflective coatings and vapor responsive Bragg stacks", Dalton Trans., 43, 8868-8876, (2014)
6. **K. Lazarova**, Hussein Awala, Sebastien Thomas, Marina Vasileva, Svetlana Mintova and Tsvetanka Babeva, "Vapor Responsive One-Dimensional Photonic Crystals from Zeolite Nanoparticles and Metal Oxide Films for Optical Sensing", *Sensors*, 14, 12207-12218, (2014)
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10. **K. Lazarova**, H. Awala, M. Vasileva, J. El Fallah, S. Mintova, and T. Babeva, "Sensing properties of one-dimensional photonic crystals comprising zeolite and Nb₂O₅ multilayered structures", "Nanoscience & Nanotechnology, Nanostructured materials application and innovation transfer" issue 14, (ISSN 1313-8995), 2014
11. **K. Lazarova**, B. Georgieva, M. Spasova and T. Babeva, "Thin niobia films with tailored pore structure for sensing applications", Nanoscience & Nanotechnology, 15, 28-31, eds. E. Balabanova, E. Mileva, Sofia, (2015)

12. **K. Lazarova**, R. Georgiev, M. Vasileva, B. Georgieva, T. Babeva, “Colour Sensing of Vapours Using Multilayered System Comprising PMMA and V2O5 Films”, *Nanoscience & Nanotechnology*, 16, 2, 27-30, eds. E. Balabanova, E. Mileva, ISSN:ISSN:1313-8995, 2016
13. Georgiev, R, **Lazarova, K**, Georgieva, B, Vasileva, M, Babeva, T, “The Role of Block Copolymer Template on Optical and Sensing Behaviour of Mesoporous Niobium Oxide Films”, *Nanoscience & Nanotechnology*, 16, 2, 20-23, eds. E. Balabanova, E. Mileva, ISSN:ISSN:1313-8995, 2016
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