

Rezultatele activității de Cercetare-Dezvoltare

7.7. Lucrări științifice/tehnice în reviste de specialitate fara cotație ISI

1. **“Caracteristici Specifice Materialelor Composite Utilizabile in Mediu Exploziv”**, Carmen Florea, Corneliu Trisca-Rusu, Gabriel Praporgescu, **Revista Romana de Materiale (CNCSIS A)**, 1, pp. 65-73, 2009.
2. **„Synthesis, Characterization and Optimum Reaction Conditions for Nanostructured Zinc Oxide”**, Oana Cadar, Cecilia Roman, Lucia Gagea, Ileana Cernica, Alina Matei, **Studia Universitatis Babeş-Bolyai, Chemia**, vol. 54, nr. 4, pp. 117-124, 2009.
3. **“A Method for On-Wafer Experimental Characterization of a 4-Port Circuit, Using a 2-Port Vector Network Analyzer”**, Ștefan Simion, Romolo Marcelli, Gheorghe Sajin, Giancarlo Bartolucci, Florea Craciunoiu, **Romanian Journal of Information Science and Technology, ROMJIST (CNCSIS A)**, Ed. Academiei Romane, Vol. 12, No. 3, , pp. 394–401, 2009.
4. **Surface Finish Procedures Applied on a New TiAlNb Implant Type**, D. Raducanu, V.D. Cojocaru, I. Cinca, E. Vasilescu, P. Drob, I. Dan, M. Negreanu, **C. Rusu Trisca**, A. Nocivin, **Metalurgia International**, 10, pp. 29-33, 2009.
5. **Surface Finish Procedures Applied on a New TiAlNb Implant Type**, D. Raducanu, V.D. Cojocaru, I. Cinca, E. Vasilescu, P. Drob, I. Dan, M. Negreanu, **C. Rusu Trisca**, A. Nocivin, **Metalurgia International**, 10, pp. 29-33, 2009.
6. **Design and Fabrication With Electron Beam Lithography of a Diffractive Optical Element”**, Mihai Kusko, Adrian Dinescu, Dana Cristea, Dan Apostol, Paul Șchiopu **U.P.B. Sci. Bull., Series C**, Vol. 71, No. 4, pp. 137–142, 2009.
7. **“Simulation of Fresnel Lenses and Binary Phase Gratings With Beam Propagation Method”**, Mihai Kusko, Dana Cristea, Paul Șchiopu, **U.P.B. Sci. Bull., Series C**, Vol. 71, No. 2, pp. 55–62, 2009.
8. **“Design and Simulation of Electroosmotic Driven Flow in Cross Channels”**, Oana Tatiana Nedelcu, Raluca Muller, Hans G. Kerkhoff, Robert W. Barber, **Revista Buletin Stiintific, Seria C: Inginerie Electrica si Stiinta Calculatoarelor**, Politehnica University of Bucuresti, 2009.
9. **“Simulation of Fresnel Lenses and Binary Phase Gratings With Beam Propagation Method”**, Mihai Kusko, Dana Cristea, Paul Șchiopu, **U.P.B. Sci. Bull., Series C**, Vol. 71, No. 2, pp. 55–62, 2009.
10. **“Continuous Separation of White Blood Cells From Blood in a Microfluidic Device**, Florina S. Iliescu, Andreea P. Sterian, Elena Barbarini, **Marioara Avram**, Ciprian Iliescu, **U.P.B. Sci. Bull., Series**, 2009.
11. **“Low Stress Nanoporous SiNx Membrane for Cell Culture”**, Jia-Shen Wei, Kwong Joo Leck, Philip Gaughwin, **Marioara Avram**, Ciprian Iliescu, **International Journal of Computational Materials Science and Surface Engineering**, Vol. 2, No.3/4, pp. 268–281, 2009.
12. **“Protein-Mesoporous Silicon Matrix Obtained by S-Layer Technology”**, Irina Kleps, Teodora Ignat, Mihaela Miu, Monica Simion, Gabriela Teodosiu Popescu, Madalin Enache, Lucia Dumitru, **Physica Status Solidi C**, Vol. 6, Issue 7, , pp. 1605–1609, 2009.
13. **“Modern Procedures Evaluating MEMS Reliability”**, M. Bazu, C. Tibeică, L. Gălățeanu and V.E. Iliaș, **Quality Assurance**, Vol. XV, No. 58, 2009.
14. **“Designing the Reliability of Electronic Components”**, M. Bazu, and T. Bajenescu, **Quality Assurance**, Vol. XV, No. 59, 2009.
15. **Extending the Visual Capability of a WLI”**, B. Ionita, V. Damian, D. Apostol, I. Apostol, **R. Muller**, **Journal of Optoelectronics and Advanced Materials – Symposia**, Vol. 1, No. 4, pp. 725–728, 2009.
16. **“Synthesis and Characterisation of Luminescence Nanomaterial”**, Vasilica Schiopu, Ileana Cernica, Alina Matei, **Journal of Optoelectronics and Advanced Materials – Symposia**, Vol.1, No. 1, pp. 50–53, 2009.
17. **“Coating Materials Containing Nanoparticles for Improvement Lingocellulosic Composite Surfaces”**, Alina Matei, Ileana Cernica, Vasilica Schiopu, Daniela Mihalevschi, **Journal of Optoelectronics and Advanced Materials – Symposia**, Vol.1, No.1, pp. 42–45, 2009.
18. **“Study of Dental Restorative Materials by SEM Microscopy”**, M. Trif, M. Moldovan, C. Prejmorean, C. Tamas, D. Prodan, L. Silaghi-Dumitrescu, **C. Trisca Rusu**, **Journal of Optoelectronics and Advanced Materials – Symposia**, Vol. 1, No. 1, pp. 78–81, 2009.