

Zoznam publikácií vytvorených v rámci projektu
Modifikované (nano)textilné materiály pre zdravotnícke technológie (MODEX)
v období realizácie projektu

1. Zuzana Varchulova Novakova, Iveta Gasparova, Lubica Krajciová, Matus Molcan, Ivan Varga, Milan Timko, Lubos Danisovic, Effect of magnetosomes on cell proliferation, apoptosis induction and expression of Bcl-2 in the human lung cancer cell line A549, *Biologia* 72(5): 554-560, 2017 (podiel: 10%)
2. Babic, M; Horak, D; Molcan, M; Timko, M. Heat generation of surface-modified magnetic gamma-Fe₂O₃ nanoparticles in applied alternating magnetic field, *JOURNAL OF PHYSICS D-APPLIED PHYSICS*, Volume: 50, Issue: 34, Article Number: 345002, 2017 (podiel: 10%)
3. Vevericik M, Bury P, Kopcansky P, Timko M, Mitroova Z, Effect of carbon nanotubes on liquid crystal behavior in electric and magnetic fields studied by SAW, 12th International Scientific Conference of Young Scientists on Sustainable, Modern and Safe Transport Location: High Tatras, SLOVAKIA 2017, Book Series: Procedia Engineering, Volume:192, Pages: 935-940, 2017 (podiel: 20%)
4. ŠIPOŠOVÁ, Katarína - KOŽÁR, Tibor - MUSATOV, Andrey. Interaction of nonionic detergents with the specific sites of lysozyme amyloidogenic region - inhibition of amyloid fibrillization. In *Colloids and Surfaces B - Biointerfaces*, 2017, vol. 150, p. 445-455. (podiel: 10%)
5. BURY, P. - VEVERIČIK, Marek - KÚDELČÍK, Jozef - KOPČANSKÝ, Peter - TIMKO, Milan - ZÁVIŠOVÁ, Vlasta. SAW Investigation of Structural Changes in Liquid Crystals Doped with Magnetic Particles. In *Acta Acustica United with Acustica*, 2018, 104 (1) p. 48-53 (podiel: 10%)
6. Koralewski, M; Balejckikova, L; Mitroova, Z; Pochylski, M; Baranowski, M Mikolaj; Kopcansky, P, Morphology and Magnetic Structure of the Ferritin Core during Iron Loading and Release by Magneto-optical and NMR Methods , *ACS APPLIED MATERIALS & INTERFACES* 10 (9), 2018, p: 7777-7787 (podiel: 10%)
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8. Peter Bury, Marek Veveričik, Peter Kopčanský, Milan Timko, Zuzana Mitroová, Structural changes in liquid crystals doped with functionalized carbon Nanotubes, *Physica E: Low-dimensional Systems and Nanostructures*, Volume 103, 2018, Pages 53-59 (podiel: 20%)
9. Nataša Tomášková, Rastislav Varhač, Veronika Lysáková, Andrej Musatov, Erik Sedlák: Peroxidase activity of cytochrome c in its compact state depends on dynamics of the heme region, *BBA - Proteins and Proteomics* 1866 (2018) 1073–1083 (podiel: 10%)
10. T. Szumiata, M. Gzik-Szumiata, K. Brzózka, B. Górka, M. Gawronska, T. Kaczora, M. Timko, R. Cimbala, P. Kopčanský, K. Paulovicová, M. Rajňák, Spin Relaxation Effects in Oil–Nanomagnetite Ferrofluids - Mössbauer Spectrometry Studies, *Acta Physica Polonica A*, 134 (5) 2018, 1004-1014 (podiel: 10%)
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