

Lista de publicatii stiintifice

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2. **M. Cîrcu**, T. Radu, A. S. Porav, R. Turcu, "Surface functionalization of Fe₃O₄@SiO₂ core-shell nanoparticles with vinylimidazole-rare earth complexes: Synthesis, physico-chemical properties and protein interaction effects", *Appl. Surf. Sci.*, **2018**, 453, 457-463.
3. **M. Cîrcu**, C. Filip, "Closer to the polydopamine structure: new insights from a combined C-13/H-1/H-2 solid-state NMR study on deuterated samples", *Polym. Chem.*, **2018**, 9 (24), 3379-3387.
4. **M. Cîrcu**, A. Bunge, C. Vasilescu, S. Porav, A. Nan, "Non-catalytic, solvent-free synthesis of poly(tartronic-co-glycolic acid) as a versatile coating for different surfaces", *Polym. Int.*, **2018**, 67 (2), 212-219.
5. A. Nan, A. Bunge, **M. Cîrcu**, A. Petran, N. D. Hadade, X. Filip, "Poly(benzofuran-co-arylacetic acid) - a new type of highly functionalized polymers", *Polym. Chem.*, **2017**, 8 (22), 3504-3514.
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7. **M. V. Cîrcu**, Y. S. Ko, A. C. Gerecke, D. M. Opris, "Soft Polydimethylsiloxane Thin Elastomeric Films by In Situ Polymerization to be Used as Dielectricum in Actuators", *Macromol. Mat. Eng.*, **2014**, 299 (9), 1126-1133.
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9. V. Pascanu, **M. V. Cîrcu**, C. Socaci, A. Terec, A. Soran, I. Grosu, "Synthesis of cryptands with di-yne units via acetylenic homocoupling reactions of C3 tripodands", *Tetrahedron Lett.*, **2013**, 54 (45), 6133-6136.
10. **M. Cîrcu**, A. Soran, N. D. Hadade, M. Rednic, A. Terec, I. Grosu, "Cryptands with 1,3,5-Tris(1', 3'-dioxan-2'-yl)-benzene Units: Synthesis and Structural Investigations", *J. Org. Chem.*, **2013**, 78 (17), 8722-8729.
11. **M. V. Cîrcu**, V. Pascanu, A. Soran, B. Braun, A. Terec, C. Socaci, I. Grosu, "Solid State Supramolecular Assemblies of Triol Podands trough H-bonds", *CrystEngComm.*, **2012**, 14 (2), 632-639.
12. **M. V. Cîrcu**, A. Petran, A. Gaz, E. Bogdan, A. Terec, C. I. Rat, R. A. Varga, I. Grosu, "Synthesis and structure of new crown ethers with 1,4-phenylene and 1,4-naphthylene units", *J. Mol. Struct.*, **2011**, 996, 17-23.
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