

LISTA DE PUBLICAȚII

Articole științifice

- 1. M. E. László**, M. Pap, G. Katona, Electrospinning as tool for enzyme immobilization, *Studia UBB Chemia*, **2024**, *LXIX(4)*, 85-98.
DOI:10.24193/subbchem.2024.4.06
- 2. C. N. Lungu**, **M. E. Füstös**, I. P. Grudziński, G. Olteanu, M. V. Putz, Protein Interaction with Dendrimer Monolayers: Energy and Surface Topology, *Symmetry*, **2020**, *12(4)*, 641.
<https://doi.org/10.3390/sym12040641>
- 3. T. A. Dull-Szabó**, **M. E. Füstös**, M. Suciú, G. Katona, Synthesis and characterization of derivatized carbon nanostructures, *Studia UBB Chemia*, **2017**, *LXII(2)*, Tom II, 223-232.
DOI:10.24193/subbchem.2017.2.17
- 4. M. E. Füstös**, M. V. Diudea, G. Katona, Catalytic reduction of 4-nitrophenol using new Cu(0)/aromatic core dendrimer complexes, *Studia UBB Chemia*, **2016**, *LXI(1)*, 43-50.
- 5. M. E. Füstös**, T. A. Sipos, M. V. Diudea, G. Katona, Synthesis of novel aromatic core zero generation dendrimers, *Croatica Chemica Acta*, **2015**, *88(2)*, 129-132.
DOI:10.5562/cca2568
- 6. A. Varga**, M. A. Naghi, **M. E. Füstös**, G. Katona, V. Zaharia, Heterocycles 35. CaL-B mediated synthesis of enantiomerically pure (R)- and (S)-ethyl 3-(2-arylthiazol-4-yl)-3-hydroxypropanoates, *Tetrahedron: Asymmetry*, **2014**, *25(4)*, 298-304.
DOI:10.1002/chin.201434029
- 7. L. Maggini**, **M. E. Füstös**, T. W. Chamberlain, C. Cebrián, M. Natali, M. Pietraszkiewicz, O. Pietraszkiewicz, E. Székely, K. Kamarás, L. De Cola, A. N. Khlobystov, D. Bonifazi, Fullerene-driven encapsulation of a luminescent Eu(III) complex in carbon nanotubes, *Nanoscale*, **2014**, *6(5)*, 2887-2894.
DOI: 10.1039/c3nr05876j
- 8. B. Botka**, **M. E. Füstös**, H. M. Tóháti, K. Németh, G. Klupp, Z. Szekrényes, D. Kocsis, M. Utczás, E. Székely, T. Váczi, G. Tarczay, R. Hackl, T. W. Chamberlain, A. N. Khlobystov, K. Kamarás, Interactions and Chemical Transformations of Coronene Inside and Outside Carbon Nanotubes, *Small*, **2014**, *10(7)*, 1369-1378.
DOI:10.1002/sml.201302613
- 9. B. Botka**, **M. E. Füstös**, G. Klupp, D. Kocsis, E. Székely, M. Utczás, B. Simándi, Á. Botos, R. Hackl, K. Kamarás, Low-temperature encapsulation of coronene in carbon nanotubes, *Physica Status Solidi (B)*, **2012**, *249(12)*, 2432-2435.
DOI:10.1002/pssb.201200349
- 10. M. E. Füstös**, E. Tasnádi, G. Katona, M. V. Diudea, Functionalization of carbon nanotubes, *Studia Universitatis Babeş-Bolyai Chemia*, **2010**, *LV(4)*, 153-159.

Teza de doctorat

Biofunctionalization of carbon nanostructures

Brevet de invenție

Cerere de brevet nr. 135454 A2 / 2020

Metodă de realizare a microcipurilor din materiale plastice folosind tehnica gravării laser

Cluj-Napoca, **19.12.2024**

Nume, prenume **László Melinda-Emese**
Semnătura