

LISTA DE LUCRĂRI

Articole publicate in reviste cotate ISI

1. Stancu, M., Cursaru, D., **Manta, A.M.**, Ruxanda, G., Stamatina, I., Ciuparu, D., (2010) – Synthesis of Single Walled Carbon nanotubes (SWNT) by Chemical Vapour Deposition on MCM-41 supported Ni Catalysts Obtained by Incorporation and Impregnation, Rev. Chem. 61, 6, 2010.

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Dogariu, A., Cursaru, D., Ciuparu, D., (2008)- *Synthesis and Characterization of Mesoporous Molecular Sieve Mn-MCM-41* Buletinul UPG, Vol. LX, Seria Tehnica, Nr.4B /2008

Cursaru D., **Manta, A.M.**, Ghiță, D., Tănăsescu, C., (2010)- *An alternative route for biodiesel synthesis from bioethanol*, Buletinul UPG, Vol. LXII, Seria Tehnica, Nr. 3A/2010

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Cursaru, D., **Manta, A.M.**, Ciuparu, D., (2011), *Fatty acid methyl esters, alkyl ethers of glycerol and carbon nanotubes as lubricity improvers of diesel fuels*- 8th International Colloquium Fuels, 18-19.01.2011, Esslingen, Germany

Cursaru, D., Tănăsescu, C., **Manta, A.M.**, Ciuparu, D., (2010) *Effects of methyl esters derived from sunflower oil on lubricity and corrosion of diesel fuels*, CONAT 2010, 26-29 October, Brasov, Romania

Lucrări prezentate la manifestări științifice internaționale sau naționale

Manta A.M., Cursaru, D., Ciuparu D., (2010) - *Catalytic Activity of Manganese Ions in Different Coordination Sites Investigated by Liquid Phase Ethylbenzene Oxidation*, "9th International Symposium of the Romanian Catalysis Society (ROMCAT 2010)" 23-26 iunie 2010, Iasi Romania.

Manta, A.M., Cursaru, D., Ciuparu, D., (2009) - *Redox Properties Of Manganese Ions On Surface Sites Of Different Curvatures Investigated By Liquid Phase Ethylbenzene Oxidation*, 16th Romanian International Conference on Chemistry and Chemical Engineering, 9-12 September, Sinaia

Dogariu, A., Cursaru, D., Ciuparu, D., (2008)- *Synthesis, structure and redox properties of transition metal substituted mesoporous molecular sieves*, The 13th International Conference of Physical Chemistry ROMPHYSICHEM 3-5 September, Bucuresti

Enescu, D., Petre, D., Zoican, C., **Dogariu, A.**, Ciuparu, D., (2007)- *Synthesis and characterization of bimetallic Co-Ni catalysts incorporated in MCM-41 molecular sieves*, 15th Romanian International Conference on Chemistry and Chemical Engineering, 19-22 September, Sinaia

Petre, D., Enescu, D., Zoican, C., **Dogariu, A.**, Ciuparu, D., (2007)- *Synthesis and characterization of single wall carbon nanotubes grown on bimetallic Co-Ni-MCM-41 catalysts*, 15th Romanian International Conference on Chemistry and Chemical Engineering, 19-22 September, Sinaia

Proiecte de cercetare/dezvoltare pe baza de contract sau grant

P1. 61/2007-2009 - *Sistem bioanalitic pt detectia reziduurilor de pesticide din matrici complexe de alimente-* membru

P2. 62/2007-2009 - *Sursa de energie miniaturizata pt electronica portabila obtinuta prin asamblarea 3D a unor micro si nanosisteme complexe hibride-* membru

P3. 63/2007-2009 - *2D Nano Nanostructuri carbonice bidimensionale, sinteza in plasma si potential aplicativ* - membru

P4 POSDRU/89/1.5/S/54785 – *Program postdoctoral pentru cercetare avansata in domeniul nanomaterialelor* – membru echipa management.

Ana Maria Manta