

Candidat CSII Dr. Elena Maria Anghel

Lista completă articole cotate ISI conform Scopus

1. Parvulescu, V.; Petcu, G.; Apostol, N.G.; Atkinson, I.; Petrescu, S.; Baran, A.; Culita, D.C.; Ene, R.; Trica, B.; **Anghel*, E.M.** Bimetallic Mesoporous MCM-41 Nanoparticles with Ta/(Ti, V, Co, Nb) with Catalytic and Photocatalytic Properties (2024) *Nanomaterials*, 14, art. No. 2025. Doi : 10.3390/nano14242025
2. Tabakova, T., Nikolova, D., Ivanov, I., **Anghel, E.M.**, Karashanova, D., Karakirova, Y., Venezia, A.M., Vakros, J., Crişan, M., Tenchev, K., Gabrovska, M. Study of ceria-doped Au/TiO₂ catalysts for boosting hydrogen production by water-gas shift reaction (2024) *Int. J. Hydrogen Energy*, 70, pp. 389-403. DOI: 10.1016/j.ijhydene.2024.05.125
3. Atkinson, I., Seciu-Grama, A.-M., Serafim, A., Petrescu, S., Voicescu, M., **Anghel, E.M.**, Marinescu, C., Mitran, R.A., Mocioiu, O.C., Cusu, J.P., Lincu, D., Prelipcean, A.-M., Craciunescu, O. Bioinspired 3D scaffolds with antimicrobial, drug delivery, and osteogenic functions for bone regeneration (2024) *Drug Deliv. Transl. Re.*, 14 (4), pp. 1028-1047. DOI: 10.1007/s13346-023-01448-y
4. Petcu, G., **Anghel, E.M.**, Atkinson, I., Culita, D.C., Apostol, N.G., Kuncser, A., Papa, F., Baran, A., Blin, J.-L., Parvulescu, V. Composite Photocatalysts with Fe, Co, and Ni Oxides on Supports with Tetracoordinated Ti Embedded into Aluminosilicate Gel during Zeolite Y Synthesis (2024) *Gels*, 10 (2), art. no. 129. DOI: 10.3390/gels10020129
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6. Ramona Mük, G., Popa, M., Chifiriuc, M.C., Voicu, S.N., Florea, M., Neatu, F., Mihalache, I., Stoian, M., **Maria Anghel, E.**, Culita, D.C., Augustin Mitran, R., Petrescu, S., Tudose, M. Aminocoumarin derivatives grafted on graphene oxide - new antimicrobial agents to combat the resistance of Mycobacterium tuberculosis and ESKAPE pathogens (2023) *Appl. Surf. Sci.*, 639, art. no. 158224. DOI: 10.1016/j.apsusc.2023.158224
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