

| | ISI articles |
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| 1. | D. Toloman, O. Pana, M. Stefan, A. Popa, C. Leostean, S. Macavei, D. Silipas, I. Perhaita, M.D. Lazar, L. Barbu-Tudoran, "Photocatalytic activity of SnO ₂ -TiO ₂ composite nanoparticles modified with PVP" Journal Of Colloid And Interface Science 542, 296-307 (2019) DOI: 10.1016/j.jcis.2019.02.026 <i>Impact factor 2018 : 6.361</i> |
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| 3. | L. Magerusan, F. Pogacean, M. Coros, C. Socaci, S. Pruneanu, C. Leostean , O. Pana, "Green methodology for the preparation of chitosan/graphene nanomaterial through electrochemical exfoliation and its applicability in Sunset Yellow detection", Electrochimica Acta 283, 578-589 (2018) DOI: 10.1016/j.electacta.2018.06.203 <i>Impact factor 2017 : 5.116</i> |
| 4. | M. Stefan, A. Popa, O. Pana, C. Leostean , D. Toloman, D. Lazar, F. Pogacean, S. Macavei, S. Gutoiu, "Efficient photocatalytic removal of RhB using magnetic Fe ₃ O ₄ -SnO ₂ nanocomposites containing Sn ²⁺ interstitial impurities", Journal of Materials Science-Materials in Electronics 29, 14132-14143 (2018) DOI: 10.1007/s10854-018-9546-6 <i>Impact factor 2017 : 2.324</i> |
| 5. | A. Popa, M. Stefan, D. Toloman, O. Pana, A. Mesaros, C. Leostean , S. Macavei, O. Marincas, R. Suciuc, L. Barbu-Tudoran, "Fe ₃ O ₄ -TiO ₂ : Gd nanoparticles with enhanced photocatalytic activity and magnetic recyclability", Powder Technology 325, 441-451(2018) DOI: 10.1016/j.powtec.2017.11.049 <i>Impact factor 2017 : 3.23</i> |
| 6. | R. Gavrea, C. Leostean , M. Coldea, O. Isnard, V. Pop, D. Benea, "Effects of Co for Mn substitution on the electronic properties of Mn _{2-x} Co _x VAL as probed by XPS", Intermetallics 93, 155-161(2018) DOI: 10.1016/j.intermet.2017.12.003 <i>Impact factor 2017 : 3.42</i> |
| 7. | C. Leostean , O. Pana, M. Stefan, A. Popa, D. Toloman, M. Senila, S. Gutoiu, S. Macavei, "New properties of Fe ₃ O ₄ @SnO ₂ core shell nanoparticles following interface charge/spin transfer", Applied Surface Science 427, 192-201(2018) DOI: 10.1016/j.apsusc.2017.07.267 <i>Impact factor 2017 : 4.439</i> |
| 8. | T. Dippong, O. Cadar, E.A. Levei, C. Leostean , L. Barbu-Tudoran, "Effect of annealing on the structure and magnetic properties of CoFe ₂ O ₄ :SiO ₂ nanocomposites", Ceramics International 43, 9145-9152(2017) DOI: 10.1016/j.ceramint.2017.04.063 |

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| 12. | M.L. Soran, O. Pana, A. Nan, C. Leostean , I. Bratu, “Synthesis and spectroscopic characterization of hybrid magnetic nanoparticles, based on Fe@Au and pyrrole”, Studia Universitatis Babes-Bolyai Chemia 62, 105-112(2017) DOI: 10.24193/subbchem.2017.2.08 <i>Impact factor 2017 : 0.305</i> |
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