

Anexa nr. 1

Articole (ISI):

1. Soran M.L., Sirb A.N., Lung I., **Opriș O.**, Culicov O., Stegarescu A., Nekhoroshkov P., Gligor D.M.: „A multi-method approach for impact assessment of some heavy metals on *Lactuca sativa* L.”, *Molecules*, **28**, 759 (2023).
2. Lung I., Soran M.L., Stegarescu A., **Opriș O.**: „Application of CNT-COOH/MnO₂/Fe₃O₄ nanocomposite for the removal of cymoxanil from aqueous solution: Isotherm and kinetic studies”, *Analytical Letters*, **56**(2), 216–230 (2023).
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5. Stegarescu A., Cabrera H., Budasheva H., Soran M.L., Lung I., Limosani F., Korte D., Amati M., Borodi G., Kacso I., **Opriș O.**, Dan M., Bellucci S.: „Synthesis and characterization of MWCNT-COOH/Fe₃O₄ and CNT-COOH/Fe₃O₄/NiO Nanocomposites. Assessment of adsorption and photocatalytic performance”, *Nanomaterials*, **12**, 3008 (2022).
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9. Lung I., Soran M.L., Stegarescu A., **Opriș O.**: „Devrinol and triadimefon removal from aqueous solutions using CNT-COOH/MnO₂/Fe₃O₄ nanocomposite”, *Journal of the Iranian Chemical Society*, **19**, 2031–2039 (2022).
10. Tamaș M., Vostinaru O., Soran L., Lung I., **Opriș O.**, Toiu A., Gavan A., Dinte E., Mogosan C.: „Antihyperuricemic, anti-inflammatory and antihypertensive effect of a dry extract from *Solidago virgaurea* L. (Asteraceae)”, *Scientia Pharmaceutica*, **89**, 27 (2021).
11. Lung I.*, **Opriș O.***, Soran M.L., Culicov O., Ciorîță A., Stegarescu A., Zinicovscaia I., Yushin N., Vergel K., Kacso I., Borodi G., Pârnu M.: „The impact assessment of CuO nanoparticles on the composition and ultrastructure of *Triticum aestivum* L.”, *International Journal of Environmental Research and Public Health*, **18**, 6739 (2021).
12. Stegarescu A., Gutoiu S., Lung I., **Opriș O.**: Leostean C., Pana O., Barbu L., Soran M.L.: „Synthesis and characterization of Fe@FePt@SiO₂@NH₂ nanoplatform for amino acids recognition”, *Journal of Nanoparticle Research*, **23**(4), 91, (2021).
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Articole (non-ISI):

1. **Opriș O.**, Lung I., Soran M.L., Copolovici L., Copolovici D.M., Costa M.C.: „*Impact assessment of paracetamol on Phaseolus vulgaris L. and Triticum aestivum L. plants*”, Revista de Chimie, **71**(3), 549–557 (2020).
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Capitole de cărți:

1. Soran M.L., **Opriș O.**, Lung I. (2016) „Capitolul 3: Investigarea poluării mediului înconjurător cu antibiotice”, în: Ghid metodologic de monitorizare a antibioticelor și a rezistenței la antibiotice în mediul înconjurător, Ed. de către Cristian Coman, în limba română (pp. 63–77) și în limba engleză (pp. 237–251). ©Accent, Cluj-Napoca, ISBN 978-606-561-165-8.

Brevete de invenție:

1. Ghendov-Moșanu A., Popescu L., Sturza R.a, Lung I., **Opriș O.I.**, Soran M.L., Stan M.C.: „Procedeu de fabricare a desertului de brânză funcțional”, MD 1289 Z 2019.06.30, Republica Moldova.
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