

Marincaş Olivian

Books or book chapters

Magdas, D.A., Cristea, G., Feher, I., **Marincaş, O.**, 2019. Isotopes, traceability and omics. In evaluation, Elsevier

Ph.D. Thesis

Babes-Bolyai" University, Faculty of Chemistry and Chemical Engineering, Cluj - Napoca, Romania

“Determination, study and elimination of organic pollutants from surface and wastewater”

Prof. Coord.: Prof. Dr. Ion Grosu

List of Publications ISI

1. Nan, A., Filip, X., Dan, M., **Marincaş, O.**, 2019. Clean production of new functional coatings of magnetic nanoparticles from sustainable resources. *Journal of Cleaner Production* 210, 687-694. (IF 5.651)
2. **Marincaş, O.**, Feher, I., 2018. A new cost-effective approach for lavender essential oils quality assessment. *Industrial Crops and Products* 125, 241-247. (IF 3.849)
3. **Marincaş, O.**, Feher, I., Magdas, D.A., Puşcaş, R., 2018. Optimized and validated method for simultaneous extraction, identification and quantification of flavonoids and capsaicin, along with isotopic composition, in hot peppers from different regions. *Food Chemistry* 267, 255-262. (IF 4.946)
4. Magdas, D.A., Feher, I., Dehelean, A., Cristea, G., Magdas, T.M., Puscas, R., **Marincaş, O.**, 2018. Isotopic and elemental markers for geographical origin and organically grown carrots discrimination. *Food Chemistry* 267, 231-239. (IF 4.946)
5. Moldovan, Z., **Marincaş, O.**, Povar, I., Lupascu, T., Longree, P., Rota, J.S., Singer, H., Alder, A.C., 2018. Environmental exposure of anthropogenic micropollutants in the Prut

- River at the Romanian-Moldavian border: a snapshot in the lower Danube river basin. *Environmental Science and Pollution Research* 25(31), 31040-31050. (IF 2.800)
6. Helga, B.E., Schmid, C.A.O., Feher, I., Podar, D., Szatmari, P.-M., **Marincaș, O.**, Balázs, Z.R., Schröder, P., **2018**. HCH phytoremediation potential of native plant species from a contaminated urban site in Turda, Romania. *Journal of Environmental Management* 223, 286-296. (IF 4.005)
 7. Popa, A., Stefan, M., Toloman, D., Pana, O., Mesaros, A., Leostean, C., Macavei, S., **Marincas, O.**, Suciuc, R., Barbu-Tudoran, L., **2018**. Fe₃O₄-TiO₂:Gd nanoparticles with enhanced photocatalytic activity and magnetic recyclability. *Powder Technology* 325, 441-451. (IF 3.230)
 8. Dehelean, A., Kovacs, E.D., Magdas, D.A., Cristea, G., Voica, C., Feher, I., Kovacs, M.H., **Marincas, O.**, Zhang, Z., Li, P., Zang, Q., **2018**. Infant Supplement Quality Evaluation by Inductively Coupled Plasma–Mass Spectrometry, Gas Chromatography, and Isotope Ratio Mass Spectrometry. *Analytical Letters*, 1-12, Article in Press. (IF 1.206)
 9. Covaciu, F.D., Magdas, D.A., **Marincas, O.**, Moldovan, Z., **2017**. Determination of Pesticides in Carrots by Gas Chromatography–Mass Spectrometry. *Analytical Letters* 50(17), 2665-2676. (IF 1.206)
 10. Stefan, M., Leostean, C., Pana, O., Toloman, D., Popa, A., Perhaita, I., Senilă, M., **Marincas, O.**, Barbu-Tudoran, L., **2016**. Magnetic recoverable Fe₃O₄-TiO₂:Eu composite nanoparticles with enhanced photocatalytic activity. *Applied Surface Science* 390, 248-259. (IF 3.387)
 11. Feher, I., Voica, C., Floare-Avram, V., **Marincas, O.**, Oprean, I., **2016**. Elemental Analysis of River Water from Transylvania, Romania, by Inductively Coupled Plasma Mass Spectrometry and Chemometrics. *Analytical Letters* 49(16), 2671-2685. (IF 1.150)
 12. **Marincas, O.**, Floare-Avram, V., Feher, I., Lazăr, D., Voica, C., Grosu, I., **2016**. Inexpensive Adsorbents Derived from Coffee Grounds for the Treatment of Wastewater. *Analytical Letters* 49(16), 2659-2670. (IF 1.150)
 13. Schmutzer, G., Feher, I., **Marincas, O.**, Avram, V., Kovacs, M.H., David, L., Danciu, V., Moldovan, Z., **2012**. Photodegradation study of some indoor air pollutants in the presence

of UV-VIS irradiation and TiO_2 photocatalyst. *Studia Universitatis Babes-Bolyai Chemia* 3, 15-21. (IF 0.089)

14. Wick, A., **Marincas, O.**, Moldovan, Z., Ternes, T.A., **2011**. Sorption of biocides, triazine and phenylurea herbicides, and UV-filters onto secondary sludge. *Water Research* 45(12), 3638-3652. (IF 4.865)
15. Moldovan, Z., Avram, V., **Marincas, O.**, Petrov, P., Ternes, T., **2011**. The determination of the linear alkylbenzene sulfonate isomers in water samples by gas-chromatography/mass spectrometry. *Journal of Chromatography A* 1218(2), 343-349. (IF 4.531)
16. **Marincas, O.**, Petrov, P., Ternes, T., Avram, V., Moldovan, Z., **2009**. The improvement of removal effects on organic pollutants in Wastewater Treatment Plants (WWTP). *Journal of Physics: Conference Series*, 1-4. (IF 0.0)