

Scientific papers published in ISI rated journals

1. Dana Alina Magdas, **Romulus Puscas**, Stable isotopes determination in some Romanian fruit juices, *Isotopes in Environmental and Health Studies* Vol. 47, No. 3, September, 372–378, (2011);
2. D.A. Magdas, N.S. Vedeanu, L. Bojan, G. Damian, **R. Puscas**. Comparative study between single strength juices and commercial natural juices by IRMS and EPR, *Studia UBB Chemia*, LVI, 2, p.19-27 (2011) ;
3. Dana Alina Magdas, Adriana Dehelean, **Romulus Puscas**, Isotopic and Elemental Determination in Some Romanian Apple Fruit Juices, *The Scintific World Journal Volume*, Article ID 878242 (2012);
4. D. A. Magdas, A. Dehelean, **R. Puscas**, G. Cristea, F. Tusa et al., The quality control of fruit juices by using the stable isotope ratios and trace metal elements concentrations, American Institute of Physics, AIP Conf. Proc. 1425, pp. 178-181, *PROCESSES IN ISOTOPES AND MOLECULES (PIM 2011)*;
5. **R. H. Puscas**, S. Radu, Deuterium isotopic characterization of long-term precipitation water in Cluj-Napoca, Romania, AIP Conf. Proc. 1425, pp. 182-185, *PROCESSES IN ISOTOPES AND MOLECULES (PIM 2011)*;
6. Dana Alina Magdas, Nicoleta Simona Vedeanu, **Romulus Puscas**, The use of stable isotopes ratios for authentication of fruit juices, *Chemical Papers* 66(2) 152-155 (2012);
7. A. Magdas, G. Cristea , D. V. Cordea, A. Bot, **R. Puscas**, S.Radu, V. Mirel and M. Mihaiu, Measurements of stable isotope ratios in milk samples from a farm placed in the mountains of Transylvania, Conf. Proc. 1565, pp. 304-307, *PROCESSES IN ISOTOPES AND MOLECULES (PIM 2013)*;
8. **R. Puscas**, V. Feurdean and V. Simon, Stable isotopes composition of precipitation fallen over Cluj-Napoca, Romania, between 2009-2012, Conf. Proc. 1565, pp. 309-312, *PROCESSES IN ISOTOPES AND MOLECULES (PIM 2013)*;
9. D. A. Magdas, G. Cristea, **R. Puscas**, F. Tusa, The use of isotope ratios in commercial fruit juices authentication, *Rom. Journ. Phys.*, Vol. 59, Nos. 3-4, P. 355-359, Bucharest, (2014).
10. Z. Balazs, D. Ristoiu, D. A. Magdas, G. Cristea, A. Dehelean, C. Voica, **R. Puscas**, A. Pirnau, I. Feher, R. Stelian , M. Vadan, Determination of Isotopic Ratios and Metal Concentrations in *Nicotiana tabacum* (Tobacco), just-accepted - *Analytical Letters*, (2015).
11. **Romulus Puscas**, Dana Alina Magdas, Ildiko Lung, Gabriela Cristea, Maria Loredana Soran, Ioana Feher, Adriana Dehelean, Isotopic composition influence of irrigation water on some aromatic plants, *STUDIA UBB CHEMIA*, LXI, 4, pp. 31 – 42, (2016).
12. Magdas Dana Alina, Dehelean, Adriana, Feher Ioana, Cristea Gabriela, **Puscas Romulus**, Dan Sorin-Daniel), Cordea Darius-Victor, Discrimination markers for the geographical and species origin of raw milk within Romania, *International Dairy Journal*, Volume: 61, Pages: 135-141, Published: OCT (2016).
13. Covaciu, Florina D., Moldovan, Zaharie, Dehelean, Adriana A., Magdas, D. Alina, **Puscas, Romulus**, Vlassa, Mircea, Determination of Pesticides, Elements, and Stable Isotopes in Strawberries, *Analytical Letters*, Vol. 49, Issue: 16, pp: 2560-2572, (2016).
14. Dehelean A, Magdas A.D., **Puscas R.**, Lung I., Stan M., Quality assessment of some commercial romanian juices, *Romanian Reports in Physics*, Vol. 68, issue: 2, pp. 746-759, (2016).

15. Cristea G., Feher I.; Magdas, DA, Voica C., **Puscas R.**, Characterization of Vegetables by Stable Isotopic and Elemental Signatures, *Analytical Letters* Vol. 50 Issue: 17 Special Issue: SI pp: 2677-2690 (2017).
16. **Romulus H. Puscas**, Gabriela Ioana Cristea, Stelian Radu, Stable Isotope Determination in Edible Mushrooms from the Spontaneous Flora of Transylvania, *Analytical Letters*, DOI: 10.1080/00032719.2017.1376218 (2017).
17. Marincas O.; Feher I.; Magdas D.A., **Puscas R.**, 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* Vol. 267 Special Issue: SI pp: 255-262 (2018).
18. Magdas D.A., Feher I., Dehelean A., Cristea G., Magdas T.M., **Puscas R.**, Marincas O., Isotopic and elemental markers for geographical origin and organically grown carrots discrimination, *Food Chemistry* Vol. 267 Special Issue: SI pp: 231-239 (2018)