Lista de lucrări în domeniul de ştiinţă definit de disciplinele din postul scos la concurs

NUMELE ŞI PRENUMELE:Tamás Melinda

I. LISTA PUBLICAŢIILOR RELEVANTE

Tamás M., Îndrumarul de lucrări de laborator şi exerciţii de calcul de chimie fizică, Editura Scientia, 2018, 1-157, ISBN- 978-606-975-012-4. In press.

Tamás M. – Crăciun, M. E. – Csapó J.: Examination of the correlation between inorganic and organic selenium content of wheat grasses (Triticum aestivum L.) and wheat seeds produced at different soil types. Revista de chimie (Chemistry Magazine). 2015, 2. 66, 153-157. ISSN 0034-7752.

Tamás, M. – Mándoki, Zs. – Csapó J.: The role of selenium content of wheat in the human nutrition. A literature review. Acta Universitatis Sapientiae, Alimentaria. 2010. 1. 5-34.

Tamás M., Mándoki Zs., Csapó J.: A szelén szerepe az emberi táplálkozásban. A búza szeléntartalmának elelmzése (Irodalmi áttekintés). Acta Agraria Kaposváriensis, 2011.15.1. 45-66.

Tamás M.: Different Honies and the Effect of Thermal Processing their Some Properties, Acta Universitatis Sapientiae, Alimentaria, 2018, ISSN 1844-7449. In press.

Albert, Cs., Lóki K., **Bíró, M.**, Salamon, Sz., Sára, P., Csapóné Kiss, Zs., Csapó, J.: The Changing of Amino Acid Composition in Miccs Samples Under the Effect of Heat-treating of Different Times and Temperature, *Műszaki Szemle, Kémia szám,* 39-40, 2007, ISSN:1454-0746, p. 5-7.

Lóki, K., Albert, Cs., Vargáné, Visi, É., **Bíró, M.**, Salamon, Sz., Sára, P., Csapóné Kiss, Zs., Csapó, J.: The Determination of the Free and Protein-bound Triptophan Enantiomers bz Using Different Hzdrolzsis Methods, *Műszaki Szemle, Kémia szám*, 39-40, 2007, ISSN:1454-0746, p. 35-39.

Tamás, M., Csapó, J: Correlation Between the Total Selenium Content of the Wheat Seeds and the Soil Types *Műszaki Szemle, Kémia szám,* 68, 2016, ISSN: 1454-0746, p. 20-29.

Tamás, M.: Különböző méz fajták összehasonító vizsgálata és a hőkezelés hatása egyes tulajdonságaikra, *Műszaki Szemle, Kémia szám,* 70, 2017, ISSN: 1454-0746, p. 37-47.

Márton M.R. – Szép S. – Mándoki Zs. – Tamás M. – Salamon R.V. – Salamon Sz. – András Cs. – Csapó J.: Nutritional Evaluation of Sprouts: I. The Changes of the Fatty Acid Composition During Germination. 15th International Conference of Chemistry. Târgu Mureş, 2009. nov. 12-15. 32. p.

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

Studiul conținutul total de seleniu și compuși cu seleniu al grâului (Triticum aestivum L.) cultivat pe soluri diferite tipuri din diferite zone geografice din România, Conducărorul tezei: Dr. Csapó János, Universitatea Debrecen, Facultatea de Ştiinţe Tehnice şi Sociale, Catedra de Ştiinţe Alimentare, calificatul obținut: "Cum laude".

B. Cărti publicate

B2. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în ţară, la edituri recunoscute CNCSIS/CNCS.

Tamás M., Îndrumarul de lucrări de laborator şi exerciții de calcul de chimie fizică, Editura Scientia, 2018, 1-157, ISBN- 978-606-975-012-4.

B3. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

B4. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

Tamás M., Îndrumarul de lucrări de laborator de chimie fizică, 2018, https://host.sdakft.hu/semteow/main.aspx?ismenuclick=true&ctrl=1601, 1-73 p.

Tamás M., Îndrumarul de exerciții de calcul de chimie fizică, 2018, https://host.sdakft.hu/semteow/main.aspx?ismenuclick=true&ctrl=1601 1-115 p.

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

Tamás M. – Crăciun, M. E. – Csapó J.: Examination of the correlation between inorganic and organic selenium content of wheat grasses (Triticum aestivum L.) and wheat seeds produced at different soil types. Revista de chimie (Chemistry Magazine). 2015, 2. 66, 153-157. ISSN 0034-7752. IF: 0,955.

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale (indicaţi şi baza de date).

Tamás, M. – Mándoki, Zs. – Csapó J.: The role of selenium content of wheat in the human nutrition. A literature review. Acta Universitatis Sapientiae, Alimentaria. 2010. 1. 5-34.

Tamás M., Mándoki Zs., Csapó J.: A szelén szerepe az emberi táplálkozásban. A búza szeléntartalmának elelmzése (Irodalmi áttekintés). Acta Agraria Kaposváriensis, 2011.15.1. 45-66.

Tamás M. – Mándoki Zs. – Márton M. – Mészáros S. – Lányi Sz. –Salamon R. –Salamon Sz. –Albert Cs. –Csapó J.: Különböző őszibúza (Triticum aestivum L.) hajtás és búzaszem összesszelén- és szervesszelén-tartalma. Acta Agraria Kaposváriensis, 2011.15.1. 67-84.

Tamás M. – Csapó J.: Examination of the correlation between inorganic and organic selenium content of wheat grasses (Triticum aestivum L.) and wheat seeds produced at different soil types. Acta Universitatis Sapientiae, Alimentaria. 1. 2015, 5–34. ISSN 1844-7449.

Tamás M.: Different Honies and the Effect of Thermal Processing their Some Properties, Acta Universitatis Sapientiae, Alimentaria, 2018, ISSN 1844-7449. In press.

C4. Lucrări ştiinţifice publicate în reviste din ţară, recunoscute CNCSIS/CNCS (altele decât cele din baze de date internaţionale).

Albert, Cs., Lóki K., **Bíró, M.**, Salamon, Sz., Sára, P., Csapóné Kiss, Zs., Csapó, J.: The Changing of Amino Acid Composition in Miccs Samples Under the Effect of Heat-treating of Different Times and Temperature, *Műszaki Szemle, Kémia szám,* 39-40, 2007, ISSN:1454-0746, p. 5-7.

Lóki, K., Albert, Cs., Vargáné, Visi, É., **Bíró, M.**, Salamon, Sz., Sára, P., Csapóné Kiss, Zs., Csapó, J.: The Determination of the Free and Protein-bound Triptophan Enantiomers bz Using Different Hzdrolzsis Methods, *Műszaki Szemle, Kémia szám,* 39-40, 2007, ISSN:1454-0746, p. 35-39.

Tamás, M., Csapó, J: Correlation Between the Total Selenium Content of the Wheat Seeds and the Soil Types *Műszaki Szemle, Kémia szám,* 68, 2016, ISSN: 1454-0746, p. 20-29.

Tamás, M.: Különböző méz fajták összehasonító vizsgálata és a hőkezelés hatása egyes tulajdonságaikra, *Műszaki Szemle, Kémia szám,* 70, 2017, ISSN: 1454-0746, p. 37-47.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

Salamon, R.V., Csapó, J., **Bíró, M.:** Measuring methods of conjugated linoleic acid from milk fat. *10th International Conference of Chemistry*, Cluj, 12-14. nov., ISBN: 973-7840-003, 2004, p.294-298.

Albert, Cs., Lóki, K., **Bíró, M.**, Salamon, Sz., Sára, P., Csapóné-Kiss, Zs., Csapó, J.: The changing of amino acid composition of miccs samples under the effect of heat-treating of different times and temperature, *12th International Conference of Chemistry*, Miercurea Ciuc, 3-8 oct. 2006, ISBN: 973-7840-003, p. 85.

Lóki, K., Albert, Cs., Varga-Visi, É., **Bíró, M.**, Salamon, Sz., Sára, P., Csapóné-Kiss, Zs., Csapó, J.: The determination of free and protein bound tryptophan enantiomers by using different hydrolysis methods, *12th International Conference of Chemistry*, Miercurea Ciuc, 3-8 oct. 2006, ISBN: 973-7840-003, p. 97.

Albert, Cs., Lóki, K., Varga-Visi, É., Sára, P., **Bíró, M.**, Salamon, Sz., Csapóné-Kiss, Zs., Csapó, J.: The separation and determination of the enantiomers of sulphur containing amino acids after performic acid oxidation with high performance liquid chromatography, *12th International Conference of Chemistry,* Miercurea Ciuc, 3-8 oct. 2006, ISBN: 973-7840-003, p. 110.

Salamon, R.V., Salamon, Sz., **Tamás, M.**, Borosné Győri, A., Győri, Z., Csapóné Kiss, Zs., Csapó, J.: Changes in Fattz Acid Composition and Conjugated Linoleic Acid Contents of Sour Dairy Products Caused by Pure Cultures Mixture, *13th International Conference of Chemistry*, Cluj, 8-11. nov. 2007, ISSN: 1843-6293, p.89-92.

Salamon, R.V., Salamon, Sz., **Tamás, M.**, Csapóné Kiss, Zs., Borosné Győri, A., Győri, Z., Csapó, J.: Changes in Fattz Acid Composition of Foodstuffs During Conventional and Microwave Heat Treatment, *13th International Conference of Chemistry,* Cluj, 8-11. noi. 2007, ISSN: 1843-6293, p.93-96.

Salamon, R.V., Borosné-Győri, A., **Tamás, M.,** Salamon, Sz., Albert, B., Vargáné-Visi, É., Csapó, J.: Changes in Fattz Acid Composition of Foodstuffs During Conventional and Microwave Heat Treatment, The XV-th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, Romania, 19-22 sep. 2007, ISBN: 978-973-718-785-7, S-2-29.

Salamon, R.V., Borosné-Győri, A., Vargáné-Visi, É., Csapóné, Kiss, Zs., Győri, Z., Sára, P., Salamon, Sz., **Tamás, M.,** Csapó, J.: Changes in fatty acid and conjugated linoleic acid content of milk according to season, The XV-th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, Romania, 19-22 sep. 2007, ISBN: 978-973-718-785-7, S-3-63.

Albert, Cs., Lóki, K., Salamon, Sz., Albert, B., Péter, S., **Tamás, M.,** Csapó, J-né., Csapó, J.: Effect of total germ number of raw milk on free amino acid and free D-amino acid contents of various dairy products, *The XV-th Romanian International Conference on Chemistry and Chemical Engineering,* Sinaia, Romania, 19-22 sept. 2007, ISBN: 978-973-718-785-7, S-2-28.

Albert, Cs., Pohn, G., Lóki, K., Salamon, Sz., **Tamás, M.,** Albert, B., Csapó-Kiss, Zs., Csapó, J.: Effect of Total Germ Number of Raw Milk on Free Amino Acid and Free D-amino Acid Contents of Various Dairy products, 13th International Conference of Chemistry, Cluj-Napoca, 8-11 nov. 2007, ISSN: 1843-6293, p. 21-24.

Pohn, G., Albert, Cs., Salamon, Sz., **Tamás, M.,** Albert, B., Csapó-Kiss, Zs., Csapó, J.: Effect of Microorganisms on D-amino Acid Contents of Milk, 13th International Conference of Chemistry, Cluj-Napoca, 8-11 nov. 2007, ISSN: 1843-6293, p. 81-84.

Tamás M., Mándoki Zs., Lányi Sz., Salamon R.V., Salamon Sz., András Cs., Csapó J.: Determination of selenium content of wheat (Triticum aestivum L.) samples harvested on different soil-type lands, 14th International Conference of Chemistry. Cluj-Napoca, 13-15. nov. 2008, ISSN: 1843-6293, 119-122. p.

III. RECUNOAȘTEREA

J. Citări

Tamás, M., Mándoki, Z., Csapó, J.: The role of selenium content of wheat in the human nutrition:A literature review. Acta Univ. Sap. Alimentaria. 3, 5-34, 2010. ISSN: 1844-881X.

1. Shashikant R. Kuchekar, Ramesh M. Naval, and Sung H. Han, " Selective determination of selenium(IV) from environmental samples by UV-visible spectrophotometry using O - methoxyphenyl thiourea as a chelating ligand ," International Journal of Environmental Analytical Chemistry, pp. 1–17, 2015.
2. Marco A. Lazo-Vélez, Alejandra Chávez-Santoscoy, Sergio O. Serna-Saldivar Selenium-Enriched Breads and Their Benefits in Human Nutrition and Health as Affected by Agronomic, Milling, and Baking Factors Cereal Chemistry Journal. Mar 2015, Vol. 92: 134-144
3. Tremblay, G.F., Bélanger, G., Lajeunesse, J., Chouinard, P.Y., and Charbonneau, É. (2015). "Timothy response to increasing rates of selenium fertilizer in eastern Canada.", Agronomy Journal, 107(1), pp. 211-220. doi
4. Valčić O, Jovanović IB, Milanović S, Gvozdić D: Selenium status of feedstuffs and grazing ewes in Serbia. Acta Vet-Beograd 2013, 63, 5-6:665-675.
5. F Nawaz, MY Ashraf, R Ahmad, EA Waraich, RN Shabbir, MA Bukhari, Supplemental selenium improves wheat grain yield and quality through alterations in biochemical processes under normal and water deficit conditions. Food chemistry, 2015, 175, 350-357.
6. Zhang Q1, Yang G2. Selenium speciation in bay scallops by high performance liquid chromatography separation and inductively coupled plasma mass spectrometry detection after complete enzymatic extraction. J Chromatogr A. 2014 Jan 17;1325:83-91.
7. Rama Lavu UGent, Gijs Du Laing UGent, Tom Van de Wiele UGent, Varalakshmi Lalithya Pratti UGent,Koen Willekens, Bart Vandecasteele and Filip Tack UGent. Fertilizing soil with selenium fertilizers: impact on concentration, speciation, and bioaccessibility of selenium in leek (Allium ampeloprasum). (2012) Journal of Agricultural and food Chemistry. 60(44). p.10930-10935.
8. Liu Xin-wei, Duan Bi-hui, Zhao Xiao-hu, Guo Zai-hua, Hu Cheng-xiao, Zhao Zhu-qing. Effects of Sulfur on Selenium Uptake in Wheat and Its Mechanism when Amended with Selenite. Scientia Agricultura Sinica. 2015. 48(2):241-250.
9. Dong Zhang, Tianyu Dong,Jun Ye, Zhenan Hou. Selenium accumulation in wheat (Triticum aestivum L) as affected by coapplication of either selenite or selenate with phosphorus. 2017. Plant Nutrition. Pages 37-44.
10. LIU Hui , YANG Yue-e , WANG Zhao-hui, LI Fu-cui , LI Ke-yi , YANG Ning , WANG Sen , WANG Hui , HE Gang , DAI Jian. Selenium Content of Wheat Grain and Its Regulation in Different Wheat Production Regions of China. 2016. Scientia Agricultura Sinica.49(9):1715-1728.

11. Serna-Saldivar, Sergio O., and Marco A. Lazo-Vélez. "Production of Selenium-enriched Breads and Their Nutritional and Nutraceutical Properties." Bread and Its Fortification. 2015. Nutrition and Health Benefits. 102.
12. ŠKRABANJA, Vida. Plant Resources based selenium supplementation in Daily Nutrition. Acta agriculturae Slovenica, 2017, 109.1: 147-155.
13. TSIVILEVA, Olga; PERFILEVA, Alla. Selenium Compounds Biotransformed by Mushrooms: Not Only Dietary Sources, But Also Toxicity Mediators. Current Nutrition & Food Science, 2017, 13.2: 82-96.
14. Ros, G. H., van Rotterdam, D., Doppenberg, G., Bussink, W., & Bindraban, P. S. VFRC Report 2014/3.
15. VALČIĆ, Olivera, et al. Status selena u hranivima za ovce na ispaši u Srbiji. Acta veterinaria, 2013, 63.5-6: 665-675.
16. SUN, Guo Xin, et al. Bioaccessibility of selenium from cooked rice as determined in a simulator of the human intestinal tract (SHIME). Journal of the Science of Food and Agriculture, 2017, 97.11: 3540-3545.
17. YANG, Xu, et al. The positive effect of sulfur on selenium detoxification under selenite condition in wheat. Communications in Soil Science and Plant Analysis, 2017, 48.13: 1564-1573.
18. ANTOŅENKO, Kristīna, et al. Assimilation of Selenium, Copper, and Zinc in Rye Malt. In: Proceedings of the Latvian Academy of Sciences. Section B. Natural, Exact, and Applied Sciences. De Gruyter Open, 2018. p. 65-70.

K. Alte realizări semnificative.

Burse de studii:

2007	CEEPUS- summer school Corvinus University of Budapest	Challenges of food safety and quality issuses in Middle-Europe	14 zile
2009	Bursă de cercetare Domus - Ungaria	Determination of selenium content of wheat (Triticum aestivum L.) samples harvested on different soil-type lands.	30 zile
2010	Bursă de cercetare Domus- Ungaria	Determination of selenium content of wheat (Triticum aestivum L.) samples harvested on different soil-type lands	60 zile

Data,

04.06.201

Semnătura,

Tamás Melinda

Tamás Melinda