UNIVERSITATEA SAPIENTIA DIN CLUJ-NAPOCA
FACULTATEA DE ŞTIINŢE ECONOMICE,
SOCIO-UMANE ŞI INGINEREŞTI – MIERCUREA CIUC
Domeniul de licență: Ingineria Produselor Alimentare
Programul de studiu: Ingineria Produselor Alimentare

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LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

NUMELE ŞI PRENUMELE: Albert Csilla

A. Teza de doctorat.

A Székelyföldön előállított tej és tejtermékek összetétele, különös tekintettel a tej alapanyag összcsíra számára (The composition of milk and dairy products in Székelyland, with special respect to the total germ number of the milk raw material)
2010., Dr. Csapó János, Universitatea Kaposvár, Facultatea de Stiinte Animale, Departamentul de Chimie si Biochimie

B. Cărti publicate

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

1. Csapó J., Albert Cs.: A túlsúly, az elhízás és a táplálkozás kapcsolata. Scientia Kiadó, Kolozsvár, 2021. p. 1-318, ISBN 978-606-9750-51-3.
2. Csapó, J., Albert, Cs., Kiss, D.: Analitikai kémia élelmiszermérnököknek, Editura Scientia Kiadó, Cluj, 2020. 1-364., ISBN: 978-606-9750-34-6 (606-9750-34-9).
3. Csapó, J., Albert, Cs.: Funkcionális élelmiszerek (Alimente functionale). Debrecen University Press, Debrecen, 2018.1-282., ISBN: 978-963-318-707-4.
4. Csapó, J., Albert, Cs., Csapóné Kiss, Zs.: Élelmiszerhamisítás. Debreceni Egyetem Kiadó Debrecen University Press, 2016. 1-217., ISBN: 978-963-318-936-4.
5. Csapó, J., Albert, Cs., Csapóné Kiss, Zs.: Funkcionális élelmiszerek. Scientia Kiadó, Kolozsvár, 2016. 1-216., ISBN: 978-606-9750-01-8.
6. Csapó, J., Albert, Cs., Csapóné Kiss, Zs.: Élelmiszer-hamisítás és kimutatása. Scientia Kiadó, Kolozsvár, 2016. 1-441., ISBN: 978-973-1970-98-1.
7. Csapó, J., Albert, Cs, Csapóné Kiss Zs.: Élelmiszeranalitika. Válogatott fejezetek (Analitică alimentară). Editura Scientia Kiadó, Cluj, 2008. 1-314., ISBN 978-973-7953-94-0.
8. Csapó, J., Csapóné Kiss, Zs., Albert, Cs., Salamon, Sz.: Élelmiszerfehérjék minősítése (Calificarea proteinelor alimentare). Editura Scientia Kiadó, Cluj, 2007.1-506., ISBN 978-973-7953-75-9.

B5. Capitole de cărţi publicate în străinătate

1. Csapó, J., **Albert, Cs**., Lóki, K., Csapó-Kiss, Zs., Varga-Visi, É.: Quantitative determination of the protein of bacterial based on D-amino acid content. D-amino acids: a new frontier in amino acid and protein research. Ed.: Ryuichi Konno. 2007. p. 123-133. ISBN 1-60021-075-9

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Péter, I., Balázs, M., **Albert, Cs**., Bodor, Z., Orbán, C., Miklóssy, I. (2026). Succinic acid production from agro-industrial by-products: A comparative study of Basfia succiniciproducens and Escherichia coli strains. Electronic Journal of Biotechnology, 100727. https://doi.org/10.1016/j.ejbt.2026.100727

2. **Albert, Cs**., Szabó, R., Laslo, É., & Salamon, R.-V. (2026). Effect of Blackcurrant Juice Soaking on Anthocyanin Stability, Color Development, and Quality Characteristics of Semi-Hard Ripened Cheese. Dairy, 7(4), 66. https://doi.org/10.3390/dairy7040066
3. Iakab, M., Domokos, E., Buta, E., Fazakas, C., Ilonka, Z., **Albert, Cs**., Orban C., Mara G., Dulf, F. V. (2025). Effect of Rhizophagus irregularis arbuscular-mycorrhizal fungus on bioactive compounds and growth parameters of two-years-old Echinacea purpurea plants. Industrial Crops and Products, 236, 122057. https://doi.org/10.1016/j.indcrop.2025.122057
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5. Szabó R, Veres E, **Albert C**s, Laslo É, Gyenge L, Salamon RV. Study of Different Enrichment Methods with Blackcurrant Wine and Their Effects on Hard Cheese Properties. Dairy. 2025; 6(6):71. https://doi.org/10.3390/dairy6060071
6. Balázs M, Péter I, Bartos H, Bodor Z, Antal E, **Albert C**s, Miklóssy I. Organic Acid Production by Basfia succiniciproducens from Agro-Industrial By-Products. BioTech. 2025; 14(3):68. https://doi.org/10.3390/biotech14030068
7. Csató-Kovács E, Salamon P, Fikó-Lászlo S, Kovács K, Koka A, András-Korodi M, Antal E, Brumă E, Tőrsők B, Gudor S, Miklóssy I, Orbán K. Cs, **Albert Cs**, Bálint É.E, Albert B. Development of a Mammalian Cell Line for Stable Production of Anti-PD-1. Antibodies. 2024; 13(4):82. https://doi.org/10.3390/antib13040082.
8. Székely-Szentmiklósi I, Rédai EM, Szabó Z-I, Kovács B, **Albert Cs**, Gergely A-L, Székely-Szentmiklósi B, Sipos E. Microencapsulation by Complex Coacervation of Lavender Oil Obtained by Steam Distillation at Semi-Industrial Scale. Foods. 2024; 13(18):2935. https://doi.org/10.3390/foods13182935
9. Székely-Szentmiklósi I, Rédai EM, Vlad RA, Szabó Z-I, Kovács B, Gergely A-L, **Albert Cs**, Székely-Szentmiklósi B, Sipos E. Microencapsulation of Salvia Officinalis L. essential oil by complex coacervation technology. Studia UBB Chemia, LXIX, 3, 2024 (p. 221-241) DOI:10.24193/subbchem.2024.3.14
10. Székely-Szentmiklósi I, Rédai EM, Kovács B, Gergely A-L, **Albert Cs**, Szabó Z-I, Székely-Szentmiklósi B, Sipos E. Investigation of Yarrow Essential Oil Composition and Microencapsulation by Complex Coacervation Technology. Applied Sciences. 2024; 14(17):7867. https://doi.org/10.3390/app14177867
11. Gyenge, L., Erdő, K., **Albert, Cs**., Laslo, É., Salamon, R. V. (2024). The effects of soaking in salted blackcurrant wine on the properties of cheese. Heliyon, 10(14), e34060-e34060.
12. Iakab, M., Domokos, E., Fazakas, C., Biró-Janka, B., Fodorpataki, L**., Albert, C**s., Orban, C., Dulf, F.V. (2024). Changes induced by vesicular-arbuscular fungus Rhizophagus irregularis in aerial parts of Echinacea purpurea. Sci. Hortic. 328, 112922.
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16. Csapó, J., **Albert, Cs**., Szigeti, T.J.: Functional foods, Élelmiszervizsgálati Közlemények, 2019. 1. 2340-2360
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18. Benedek, K., Bálint, J., Máthé, I., Mara, Gy., Felföldi, T., Szabó, A., Fazakas, Cs., **Albert, Cs**., Buchkowski, W. R., Schmitz, O.J., Balog, A. (2019). Linking intraspecific variation in plant chemical defence with arthropod and soil bacterial community structure and N allocation. Plant and Soil, 1-15.
19. Domokos, E., Jakab-Farkas, L., Darkó, B., Bíró-Janka, B., Mara, G., **Albert, Cs**., & Balog, A. (2018). Increase in Artemisia annua Plant Biomass Artemisinin Content and Guaiacol Peroxidase Activity Using the Arbuscular Mycorrhizal Fungus Rhizophagus irregularis. Frontiers in plant science, 9, 478.
20. András, C.D., **Albert, Cs**., Salamon, S., Gálicza, J., András, R., András, E.: Conus magus vs. Irukandji syndrome: a computational approach of a possible new therapy., Brain Research Bulletin, 2011, 86(3-4), 195-202.
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22. Csapó, J., Varga-Visi, É., Lóki, K., **Albert, Cs**., Salamon, Sz.: The influence of the extrusion on the racemization of the amino acids. Amino Acids. 2008. 34. 2. 287-292. p. ISSN: 14382199
23. Csapó, J., Varga-Visi, É., Lóki, K., **Albert, Cs**.: The influence of manufacture on the free D-amino acid content of Cheddar cheese. Amino Acids. 2007. 32. 1. 39-44.
24. Csapó, J., Varga-Visi, É., Lóki, K., **Albert, Cs**.: Analysis of the racemization of the tryptophan. Chromatographia. 2006. 63. 101-104.

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

1. **Albert Cs.**, Csapó J., Kovács B.: Production of resistant maltodextrin and starch as novel prebiotics by the reaction of maltodextrin and starch with malic acid and citric acid, Acta Univ. Sapientiae, Alimentaria, 18 (2025) 147–169
2. Kelemen, M., **Albert, Cs**., András, Cs.D., Salamon, R-V.: Preliminary study of lavender-flavoured beer production methods, Acta Universitatis Sapientiae, Alimentaria 17(2024):120-135. DOI: 10.47745/ausal-2024-0007.
3. Vásárhelyi, P.B., Szabó, R.T., **Albert, Cs**.: Különböző székelyföldi mézminták változásának vizsgálata az idő függvényében. (2024). Animal Welfare, Etológia és Tartástechnológia (AWETH), 20(1), 45-57. https://doi.org/10.17205/aweth.5910
4. Orbán, Cs., Kis, É**., Albert, Cs**., Molnos, É. Antioxidant capacity of blackcurrant (L.) leaves and buds. Acta Universitatis Sapientiae, Alimentaria, 14(1), 2021. 117-129. (CABI, AGRICOLA)
5. Csapó, J., **Albert, Cs**., Sipos., P.: The aflatoxin content of milk and dairy products as well as breast milk and the possibilities of detoxification. Acta Universitatis Sapientiae, Alimentaria, 13 (2020) 99−11. (CABI, AGRICOLA)

6. Csapó, J., **Albert, Cs**., Bakos, G., Nagy, Á., Szabari, M., & Stefler, J. (2019). Colostrum composition of cows after twin-and triplet-calving. Acta Universitatis Sapientiae, Alimentaria, 12(1), 42-53. (CABI, AGRICOLA)
7. Csapó, J., Prokisch, J**., Albert, Cs.,** & Sipos, P. (2019). Effect of UV light on food quality and safety. Acta Universitatis Sapientiae, Alimentaria, 12(1), 21-41. (CABI, AGRICOLA)
8. Csapó J., Némethy S., **Albert Cs**.: Food counterfeiting in general; counterfeiting of milk and dairy products. Ecocycles 5.1 (2019): 26-41.
9. Csapó, J., **Albert, Cs**.: Methods and procedures for reducing soy trypsin inhibitor activity by means of heat treatment combined with chemical methods. Acta Universitatis Sapientiae, Alimentaria, 11. 2018. 57-79. (CABI, AGRICOLA)
10. Csapó, J., **Albert, Cs.:** Methods and procedures for the processing of feather from poultry slaughterhouses and the application of feather meal as antioxidant. Acta Universitatis Sapientiae, Alimentaria, 11. 2018. 80-95. (CABI, AGRICOLA)
11. Csapó, J., Kiss, D., **Albert, Cs**.: Production of prebiotics via reactions involving lactose as well as malic acid and citric acid. Acta Universitatis Sapientiae, Alimentaria, 11. 2018. 96-108. (CABI, AGRICOLA)
12. Csapó, J., **Albert, Cs**., Kiss, D.: Production of protected amino acids using the reaction between hydroxycarboxylic acids and amino acids as well as binding on the bentonite. Acta Universitatis Sapientiae, Alimentaria, 11. 2018. 109-126. (CABI, AGRICOLA)
13. Csapó J., **Albert Cs.:** Wine adulteration and its detection based on the rate and the concentration of free amino acids. Acta Agraria Debreceniensis,2018.150.139-153
14. **Cs. Albert**, S. Gombos, R. V. Salamon, J. Prokisch, J. Csapó: Production of highly nutritious functional food with the supplementation of wheat flour with lysine, Acta Universitatis Sapientiae, Alimentaria, 10 (2017) 5−20. (CABI, AGRICOLA)
15. J. Prokisch, Z. Csiki, **Cs. Albert**, J. Csapó: Production of high-lysine-content biscuit and examination of the absorption of lysine in humans, Acta Universitatis Sapientiae, Alimentaria, 10 (2017) 21−35. (CABI, AGRICOLA)
16. J. Csapó, **Cs. Albert**, J. Prokisch: The role of vitamins in the diet of the elderly. I. Fat-soluble vitamins. Acta Universitatis Sapientiae, Alimentaria, 10 (2017) 127−145. (CABI, AGRICOLA)
17. J. Csapó**, Cs. Albert**, J. Prokisch: The role of vitamins in the diet of the elderly. II. Water-soluble vitamins, Acta Universitatis Sapientiae, Alimentaria, 10 (2017) 146−166. (CABI, AGRICOLA)
18. Csapó, J., **Albert, Cs**.: Funkcionális élelmiszerek, múlt, jelen, jövő. (Functional foods, past, present future). ***Acta Scientiarum Transylvanica, Chimica.*** 23-24/3. 54-63. 2015-2016
19. Csapó, J., **Albert, Cs.:** Determination of seleno-amino acids by ion exchange column chromatography and high performance liquid chromatography (Preliminary study). ***Acta Universitatis Sapientiae, Alimentaria*.** 2013. 45-52. (CABI, AGRICOLA)
20. **Albert Cs.**, Csapó J.: A mikroorganizmus-szám hatása tej és tejtermékek D-aminosav tartalmára. ***Tejgazdaság.*** 2012. 62. 1-2. 3-12.
21. Lóki, K., Kalambura, S., Mándoki, Zs., Varga-Visi, É**., Albert, Cs**., Csapó, J.: The influence Csapó, J., Lóki, K., Béri, B., Süli, Á., Varga-Visi, É., **Albert, Cs**., Csapó-Kiss, Zs.: Colostrum and milk of current and rare cattle breeds: protein content and amino acid composition. ***Acta Universitatis Sapientiae, Alimentaria*.** 2011. 18-27. (CABI, AGRICOLA)
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23. Csapó, J., **Albert, Cs.,** Csapó-Kiss, Zs.: The D-amino acid content of foodstuffs. (A Review). *Acta Universitatis Sapientiae, Alimentaria*. 2009. 2. 1. ISSN 1844-7449, p. 5-30. (CABI Database, Global Health)
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25. Varga-Visi, É., Pohn, G., **Albert, Cs**., Mándoki, Zs., Csapó, J.: The effect of thermic treatment conditions on the amino acid composition of soybean and maize. In*: Krmiva*. 2009. 51. ISSN:0023-4850 p. 139-144. (CABI Database, Referativny Zhurnal, Agricola)
26. **Albert, Cs**., Mándoki, Zs., Csapó-Kiss, Zs., Csapó, J.: The effect of microwave pasteurization on the composition of milk. *Acta Universitatis Sapientiae Alimentaria, 2 (2) (2009), pp. 153-165*. (CABI Database, Agricola)
27. Csapó, J., **Albert, Cs**., Lóki, K., Csapó-Kiss, Zs.: Quantitative determination of the protein of bacterial origin based on D-amino acid contents. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 81-98. (CABI Database, Global Health)
28. Csapó, J., **Albert, Cs.,** Pohn, G., Csapó-Kiss, Zs.: Rapid method for the determination of diaminopimelic acid using ion exchange chromatography. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 99-108. (CABI Database, Global Health)
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32. Csapó, J., Lóki, K., **Albert, Cs.**, Csapó-Kiss, Zs.: Mercaptoethanesulfonic acid as the reductive thiol-containing reagent employed for the derivatization of amino acids with o-phthaldialdehyde analysis. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 49-60. (CABI Database, Global Health)
33. Csapó, J., Csapó-Kiss, Zs., **Albert, Cs.,** Lóki, K.: Hydrolysis of proteins performed at high temperatures and for short times with reduced racemization, in order to determine the enantiomers of D- and L-amino acids. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 31-48. (CABI Database, Global Health)
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35. **Albert, Cs**., Lányi, Sz., Csapóné, Kiss, Zs., Salamon, Sz., Csapó, J.: A mikrohullámú pasztőrözés hatása a tej összetételére II. B_1-, B_2-, B_6-, B_{12}- és C-vitamin-, hasznosíthatólizin-, lizino-alanin-, hidroxi-metil-furfurol-tartalom. (The effect of microwave pasteurization on the composition of milk. II. Vitamin B_1, B_2, B_6, B_{12} and C, utilizable lysine, lysinoalanine, and hydroxymethyl furfurol content). *Acta Agraria Kaposváriensis.* 2008. 12. 3. ISSN: 14181789. p. 25-36 (CABI Database).
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41. Pohn, G., **Albert, Cs.**, Csapó, J.: A mikroorganizmusok hatása a tej D-aminosav tartalmára. (Efectul microorganismelor asupra compoziţiei în aminoacizi D a laptelui.) *Tejgazdaság*. 2006. 65. ISSN: 1219-3224 p. 40-45. (DSA, CABI Database)
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44. Lóki, K., **Albert, Cs.**, Varga-Visi, É., Sára, P., Csapó-Kiss, Zs., Csapó, J.: New possibilities for the determination of the tryptophan enantiomers. *Krmiva*, 2006. 48. 4. ISSN:0023-4850 p.181-186. (CABI Database, Referativny Zhurnal, Agricola)
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C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

1. Csapó, J., **Albert, Cs**., Salamon, Sz., Darvas, L., Kovács, J., Salamon, R., Albert, B., Csapóné Kiss, Zs.: Az aminosavak racemizációján alapuló korbecslés alkalmazása egy magyarországi és egy erdélyi mamutcsont és –agyar korának meghatározására. (Age determination of two mammoths from Hungarian and Transylvanian regions based on amino acid racemization in tusk and bone). *Somogyi Múzeumok Közleményei*, 2008. 18. ISSN: 2060-1980. p.139-146.

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1. **Albert, Cs.**, Lóki, K., Bíró, M., Salamon, Sz., Sára, P., Csapóné Kiss, Zs., Csapó, J.: A miccs aminosav-összetételének változása különböző idejű és hőmérsékletű hőkezelés hatására. (The changing of amino acid composition of miccs samples under the effect of heat-treating of different times and temperature). Erdélyi Magyar Tudományos Társaság. *Műszaki Szemle*. Kémia szám. 2007. 39-40. ISSN: 1454-0746. p.5-7.
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2. Varga-Visi, É., Lóki, K., Csapó, J., **Albert, Cs.**, Sára, P., Csapó-Kiss, Zs.: Influence of a thermic treatment on the D-amino acid content of corn. 9th International Congress on Amino Acids. Vienna, 2005. aug. 8-12. *Amino Acids*. 2005. 29. 34.
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G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. Dezvoltarea unei tehnologii de productie de anticorpi monoclonali la sediul firmei CORAX-BIONER CEU S.A., nr. contract de finanțare 398/09.11.2021, Actiunea 1.2.2, ID: POC/163/1/3, MySMIS: 121101, Responsabil proiect pe partea analitică, perioada 2021-2023, valoare 15987516,45 lei

2. Dezvoltarea unor set reactivi chimici și studiul lor în analiza apelor, Contract de cercetare - dezvoltare stiintifica Nr. 1/01.07.2016, SC. Fiatech SRL, director proiect, perioada 01.07.2016-05.12.2016 valoare 172954,44 lei.

3. Obţinerea unui produs funcţional cu valoare nutritivă ridicată prin fortificarea făinii de grâu cu lizină, Nr. de înreg. IPC: 12/4/28.04.2015, Nr. de înreg. Univ. Sapientia: 252/1/28.04.2015, Institutul Programelor de Cercetare al Univ. Sapientia, Responsabil proiect, perioada 2015-2016, valoare 16000 lei.

Programul/proiectul	**Funcţia**	**Perioada**
Determinarea cantităţii de D-aminoacizi a laptelui şi a produselor lactate. Nr. de înreg: 1325/05.10.2004, 1283/25.10.2005, 1034/15.10.2006/Institutul Programelor de Cercetare al Univ. Sapientia	Cercetător/ specialist	2004-2007
Optimizarea moleculara a unei enzimei centrale din calea metabolica a conversiei xilozei. Reactor optimizat pentru transformarea enzimatica a xilozei rezultate din deseurile celulozice OMEXIL, Nr. Contract: 1/06.10.2005. CEEX	Cercetător/ specialist	2005-2008
Cercetări privind creşterea siguranţei alimentare prin utilizarea de procese neconvenţionale de tratare termică a unor produse alimentare lichide- SIGMA, nr. Ctr.: 40/4.2006, program CEEX	Cercetător/ specialist	2006-2009
CEEX/ Retea integrata de cercetare pentru constituirea unei platforme tehnologice de biomateriale avansate, compatibila EuMaT – ADVABIOMAT Nr. Contract: 54/20.07.2007	Cercetător/ specialist	2006-2009
CEEX/ Diagnoză şi predicţie inteligentă şi activă a construcţiilor cu structura de rezistenţă in mediul înconjurător complex poluat – DIRECTOR Nr. Contract: 136/02.10.2006	Cercetător/ specialist	2006-2009

CEEX/ “Impactul câmpurilor electromagnetice de natură antropică asupra ecosistemelor – ICEMECOS” Nr. Contract: X2C37/04.10.2006	Cercetător/ specialist	2006-2009
Programul 4 PNCDI2/ Interactii bio / non-bio implicate in design-ul tesuturilor tari – INTESTA Nr. Contract: 41-059/14.09.2007	Cercetător/ specialist	2007-2010
Programul 4 PNCDI2/ Sistem Informatic Integrat, Bazat Pe Inteligenta Artificiala, Pentru Examinarea Cererilor De Brevet De Inventie – EXAMBREV Nr. Contract: 11-076/18.09.2007	Cercetător/ specialist	2007-2010
Programul 4 PNCDI2/ Reproiectarea Specificităţii Enzimatice prin Evoluţie Dirijată. Elaborarea unei Serin-Proteaze Specifice pentru Clivarea C-terminală a Fosfotirozinei. PHOSPHOTYRASE Nr. Contract: 61-027/14.09.2007	Cercetător/ specialist	2007-2010
Variaţia compoziţiei laptelui de mamă în funcţie de nutriţie având în vedere conţinutul de acid linoleic conjugat, trans acizi graşi, macro şi microelemente, colesterină, carbamidă. Nr. de înreg: 649/01.12.2007, 212/32/13.04.2009/ Institutul Programelor de Cercetare al Univ. Sapientia	Cercetător/ specialist	2007-2009
Sistem informatic de monitorizare si control a statiilor de epurare a apelor uzate prin utilizarea sistemelor distribuite multi-agent si a unor algoritmi avansati de reglare automata- AICSYS, nr. Ctr.: 30/2007, program INOVARE	Cercetător/ specialist	2007-2010
Aplicarea tehnologiilor de preepurare a apelor uzate in reteaua de canalizare- ATARC, nr. Ctr.: 25/2007, program INOVARE	Cercetător/ specialist	2007-2009
Conceperea, realizarea şi experimentarea unui sistem performant de transfer a oxigenului în reactoare biologice aerate-TEOFIT, nr. Ctr.: 21/2007, program INOVARE	Cercetător/ specialist	2007-2010
Tehnologie si echipament pentru pasteurizarea laptelui si a smantanii in camp de microunde – MICROPAST nr. Ctr. 88/25.09.2007 Programul 5 INOVARE/	Cercetător/ specialist	2007-2010
Cresterea competitivitatii produselor lactate sinbiotice fabricate la sc lactis srl – odorheiu secuiesc prin imbunatatirea calitatii laptelui materie prima si optimizarea si dezvoltarea activitatii de marketing- SIMBIOMARK, nr. Ctr.: 98/2007, program INOVARE	Cercetător/ specialist	2007-2010
Tehnologii inovative de fabricare a produselor lactate functionale in conditii de siguranta alimentara- INOVATEC, nr. Ctr.: 89/2007, program INOVARE	Cercetător/ specialist	2007-2010
Tehnologii inovative de conservare si utilizare a bacteriilor lactice probiotice cu performante biotehnologice superioare pentru cresterea sigurantei alimentare- INCTEC, nr. Ctr.: 61-001, program PNCDI2	Cercetător/ specialist	2007-2010
Cercetari interdisciplinare privind valorificarea energetica a subproduselor din industria laptelui-vespil, nr. Ctr: 31-096, program PNCDI2	Cercetător/ specialist	2007-2010
Tehnologii pentru producerea de alimente cu continut optim de seleniu- TOPAS, nr. Ctr. 61-022, program PNCDI2	Cercetător/ specialist	2007-2010
Inoculanti microbieni pentru sisteme de agricultura durabila- MIMOSA, nr. Ctr. 31-048, program PNCDI2	Cercetător/ specialist	2007-2010
Programul 4 PNCDI2/ Procedeu de obtinere de bioetanol din deseuri Agroalimentare Tratate cu Enzime Termostabile Recombinante, Obtinute prin Expresie Heterologa Extracelulara – Bio-desenex, nr. Ctr. 62-090/2008	Cercetător/ specialist	2008-2011

Programul 4 PNCDI2/ Elucidarea mecanismului de Reglare Fină a Răspunsului Imun în Patologia Neoplazică şi Inflamatorie Umană în vederea Elaborării unor Terapii Inovative – ERIC, nr. Ctr. 42-147/2008	Cercetător/ specialist	2008-2011
Programul 4 PNCDI2/ Sistem bioinformatic bazat pe inteligenţa artificială pentru monitorizarea sistemului imunitar în corelaţie cu procesele metabolice din organismul uman- MONIMUN, nr. Ctr. 62-073/2008	Cercetător/ specialist	2008-2011
Programul Operational Sectorial Axa 2.1.1/ Biopreparate microbiene pentru cresterea productivitatii si protectia culturilor agricole- BIOPREP Nr. Contract: 169/16.06.2010, valoare totală 5.000.000 lei	Cercetător/ specialist	2010-2012
Conţinutul de seleniu a alimentelor provenite din Secuime Nr. înreg. IPC: 48/4/09.04.2010, Univ. Sap.: 211/4/09.04.2010, IPC: 34/5/22.03.2011, Univ. Sap.: 126/5/22.03.2011. / Institutul Programelor de Cercetare al Univ. Sapientia	Cercetător/ specialist	2010-2013
Programul 4 PNCDI2/ Managementul complex al resturilor vegetale în sistemele de agricultură conservativă CERES, ctr. Nr. 159/2014	Cercetător/ specialist	2014-2016
Programul PNCDI2/ Synthesis of some C4, C5 carboxilic acid building block chemicals from renewable biomass resources-BIOBUILD Nr. Contract: 31/2012	Cercetător/ specialist	2012-2015
Programul Operational Sectorial Axa 2.1.1./Biopreparate microbiene pentru creşterea calitatii furajelor insilozate-SILOPREP Nr. contract: 565/09.09.2013 , valoare totală 6.066.000 lei	Cercetător/ specialist	2013-2015
Programul PNCDI2/ Controlul funcțiilor celulelor dendritice cu semnale anti-inflamatoare și de moarte celulară- DCFANS 615/12.11.2014	Cercetător/ specialist	2014-2016
Programul PNCDI2/Ingineria metabolică la Escherichia coli pentru obţinerea 1,4-butandiolului din glucoză şi glicerină şi conversia catalitică a acestuia la compuşi cu valoare adăugată-METABCHEM Nr. contract: 528/06.10.2014	Cercetător/ specialist	2014-2016
Programul Operational Sectorial Axa 2.3.2..Dezvoltarea unui centru de CDI în domeniul biotehnologic - CEBIO Nr. contract: 599/04.11.2013, valoare totală 5.797.000 https://eeris.eu/ERIF-2000-000R-1746	Cercetător/ specialist	2013-2015
SPARKS, Rethinking innovation together. Grant Agreement number: 665825, Horizon2020,	Cercetător/ specialist	2017-2019

III. RECUNOAȘTEREA

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Gyenge, L., Erdő, K., Albert, Cs., Laslo, É., Salamon, R. V. (2024). The effects of soaking in salted blackcurrant wine on the properties of cheese. Heliyon, 10(14), e34060-e34060. DOI: 10.1016/j.heliyon.2024.e34060

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DR. ANDRÁS CSABA DEZSŐ

LISTA DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

Titlul: Bioaktív élelmiszer-hatóanyagok kinyerése fűszer- és gyógynövényekből szuperkritikus fluid extrakció és mikrohullámú vízgőz-desztilláció alkalmazásával (Obținerea de compuși bioactivi nutraceutici din plante condimentare și medicinale prin extracție supercritică și hidrodistilare cu microunde)

Conducătorii: dr. doc. Edit Székely (prof. Dr. Béla Simándi†)

Instituție: Budapesti Műszaki és Gazdaságtudományi Egyetem (BME) „Oláh György" Doktori Iskola, BME Vegyészmérnöki és Biomérnöki Kar (Budapest University of Technology and Economics, Școala Doctorală „Oláh György", Facultatea de Bioinginerie și Inginerie Chimică).

Calificativul obținut: Summa Cum Laude (Excelent)

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

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

1. Szép, A., **András, C.D.**: *Művelettani laboratóriumi gyakorlatok*. Editura Cermi, Iaşi, 2006, 176 p. (Capitol 2.1, p. 17-19, cap. 3.1 p.51-55, cap. 3.4 p.69-73, cap. 3.5 p. 74-77, cap. 4.5 p. 97-100), ISBN 978-973-667-203-1

2. Szép, A., **András, C.**D. *Művelettani laboratóriumi gyakorlatok* (ed. 2, rev.). Editura Cermi, Iaşi, 2007, 176 p. , ISBN 978-973-667-173-X,

3. Szép A., **András C.D**.: Transzportfolyamatok és művelettan. Laboratóriumi útmutató, Editura Cermi, Iaşi, 2010, 193 p. (Capitolul 2.1 p.19-22, cap. 3.4 p. 67-71, cap. 5.4.3 p. 114-118) ,ISBN 978-973-667-380-1

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5. Szép A., Gavrilă L., **András C.D**.: Transzportfolyamatok és Művelettan. I. Transzportfolyamatok. Jegyzet, Editura Cermi, Iaşi, 2012, 259 p., ISBN 978-973-667-409-9.

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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.

B5. Capitole de cărţi publicate în străinătate

1. Dormán, G., Flachner, B., Hajdú, **András, C.D**.: Target identification and polypharmacology of nutraceuticals, p. 263-286. *In*: Gupta, R.C. (ed.): Nutraceuticals Efficacy, Safety and Toxicity, Elsevier-Academic Press, Oxford, 2016.

2. Dormán, G., Flachner, B., Hajdú, András C.D.: Target identification and polypharmacology of nutraceuticals, In: Gupta R.C.(ed.): Nutraceuticals Efficacy, Safety and Toxicity, 2nd ed., Elsevier-Academic Press, Oxford, 2021, p. 315-343.

B6. Capitole de cărţi publicate în ţară

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. András, P., **András, C.D.**: The origins of life–the 'protein interaction world hypothesis': protein interactions were the first form of self-reproducing life and nucleic acids evolved later as memory molecules, *Medical Hypotheses*, 64 (4), 2005, p. 678-688.

2. **András, C.D.**, Simándi, B., Örsi, F., Lambrou, Ch., Missopolinou, D., Domokos, J., Doleschall, F., Panayiotou, C.: Supercritical carbon dioxide extraction of okra (*Hibiscus esculentus* L.) seeds, *Journal of the Science of Food and Agriculture*, 85 (8), 2005, p. 1415-1419. (IF 0,996)

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9. Gálicza, J., Vargová, A., Sándor, V., Orbán, K.C., **András, C.D.**, Ábrahám, B., Lányi, S., Kilár, F.: Preparation and investigation of bioactive transferrin-iron complexes formed with different synergistic anions, *The Protein Journal*, 31 (1), 2012, p. 27-34.

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

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11. Csapó, L. András, C. D., Benedek, T.: The use of lyophilization for fruit and vegetable preservation. A review. *Acta Universitatis Sapientiae, Alimentaria*, 18 (2025) 38–69.

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

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

1. György, É., Harai, É., **András, Cs.D**., Tolokán, A., Hantz, A.: Mikotoxinogén penészgombák vizsgálata és az általuk termelt mikotoxinok analitikai kimutatása fűszerekből és takarmányokból (Studiul micromicetelor micotoxinogene şi determinarea analitică a micotoxinelor din condimente şi furaje), *Orvostudományi Értesítő (Bulletin of Medical Sciences)*, 81(4), 2008, p. 275-278, ISSN 1453-0953

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3. Tóth, T.E., **András, C.D.**, Kapás, Á, Pakó, J.: Comparison of the volatile oil composition of *Artemisia annua* L. obtained by classic and microwave assisted hydrodistillation (2010) *Acta Medica Marisiensis*, suppl. 2, 2010, 61.

4. Szép, A.S., **András Cs.D.,** Bartók, S.: Gyümölcsök konvekciós szárításának modellezése, *Műszaki Szemle (Technical Review)*, 52, 2010, p. 3-8, ISSN 1454-0746.

5. Szép, A.S., **András Cs.D.**: Fázisegyensúlyok oktatása számítógép segítségével, *Műszaki Szemle (Technical Review)*, 56, 2011, p. 34-39, ISSN 1454-0746.

6. Salamon, R.V., Varga-Visi, É., **András, Cs.D**., Csapó Kiss, Zs., Csapó, J.: Synthetic methods for obtaining conjugated linoleic acids (CLA) by catalysis, *Acta Universitatis Sapientiae Alimentaria*, 5, 2012, 32-51.

7. **András Cs. D.**, Salamon R.V., Barabás I., Szép Al. S.: Az előkezelési mód hatása a vadkömény illóolaj kihozatalára és minőségére, *Műszaki Szemle (Technical Review)*, 63*,* 2014, p. 3-9, ISSN 1454-0746.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1. Simándi, B., **András, C.**, Domokos, J., Rónyai, E., Prechl, A., Deák, A., J.: Supercritical fluid extraction of *Rosa canina* L, *14th International Congress of Chemical and Process Engineering* CHISA, Prague, Czech Republic, 27-31 Aug., 2000, p. 1094-1099.

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D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

F. Brevete de invenții și alte titluri de proprietate

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. Obținerea unui produs funcțional prin adaos de trilinoleat conjugat produs prin semisinteză – grant IPC Institutul Programelor de cercetare al Univ. Sapientia Nr. de înreg: IPC: 1/22/05.01.2012, Nr. de înreg. Univ.Sap.: 5/22/05.01.2012, Nr. de înreg. IPC: 59/9/08.11.2012, Nr. de înreg. Univ. Sap.:614/9/08.11.2012, Nr. de înreg. IPC: 2/10/21.01.2014, Nr. de înreg. Univ. Sap.:34/10/21.01.2014 ; 2011-2014– membru

2. Efectul substanțelor antimicrobiene naturale asupra bacteriilor prezente pe legume proaspete cu rol în boli alimentare - Nr. Inreg IPC:12/8/28.04.2015, Nr. Inreg Univ.Sapientia: 252/5/28.04.2015 – membru

3. Efectul filmelor comestibile cu conținut de uleiuri esențiale asupra microorganismelor prezente pe legume proaspete cu rol în boli alimentare și în alterare - Nr. de înreg. IPC: 13/15/17.05.2017, Nr. de înreg. Univ. Sapientia:227/5/17.05.2017 – membru

Data 28. ianuarie 2026

Numele şi prenumele: Gombos Sandor

A. Teza de doctorat:

Degradarea micotoxinelor AFB1, AFB2, AFG2 şi T-2 din uleiul de floarea-soarelui sub acţiunea radiaţiilor UV (susţinut în 22 dec. 2010)

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate

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

Aditivi alimentari (Élelmiszer adalékanyagok) – Gombos S., Szep Al. – Curs – 2026, Ed. Scientia (la editor pentru publicare)

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

B5. Capitole de cărţi publicate în străinătate

B6. Capitole de cărţi publicate în ţară

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

Lingvay, I., **Gombos**, S., Lingvay, C., Kovács, J., Voinițchi, C.D.: Degradarea prin coroziune a structurilr din beton armat. 4. Modificările de pH şi de compoziţie ale betonuilui expus acţiunii curenţilor de dispersie. Rev. Chim. (Bucureşti), 2006, 57, Nr.5, 498-500.p

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Gombos S., Albert Cs., Salamon R. V., Csapó J.: Production of highy nutritious functional food with the supplimentation of wheat flour with lysine – Acta Universitatis Sapientiae, Alimentaria series, Vol. 10, 2017

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

Gombos S.: Effect of temperature on AFB1, AFB2, AFG2 and T-2 mycotoxins decomposition in sunflower oil under the irradiation of ultraviolet light, *Acta Universitatis Sapientia Alimentaria*, 2012

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior)

Gombos S.: Improved kinetic modeling and thermal control of food industry batch ethanol fermentation, IJASI 2019

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

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Albert Cs., **Gombos S.**, Prokisch J., Salamon R. V., Csapó J.: Magas tápértékű funkcionális élelmiszer előállítása a búzaliszt lizin kiegészítésével, Műszaki Szemle, 2016

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Gombos S., Szilagyi J.: Modelarea şi simularea procesului fermentativ a drojdiei de panificaţie în funcţie de parametrii tehnologici de preparare şi dospire a aluaturilor (1) – Brutarul, XIX, 222, 2019

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Gombos S., Szilagyi J.: Modelarea și simularea procesului fermentativ a drojdiei de panificație în funcție de parametrii tehnologici de preparare și dospire a aluaturilor (4) Cofetarul-Brutarul, aprilie 2020, anul XX, nr.225, ISSN 1582-9251. pag. 30

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C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

Ágoston, Zs., **Gombos, S.**, Kovács, J.: Study Of Water Quality Provided By The Baraolt Distribution Network (Covasna County), In: 3nd International Conference "Study and Control of Corrosion in the Perspective of Sustainable Development of Urban Distribution Grids". Petroşani, 2004.1-3.iul. 9-12.p.

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Gombos S.: A tej UV-pasztőrözésének paraméterei és megvalósítási lehetőségei – XXIII. Nemzetközi Vegyészkonferencia, EMT, Déva, 2017.10.25-28

Tamás M., **Gombos S.**, Csapó J.: A kereskedelemben található mézek hamisítása és annak kimutatása – XXIII. Nemzetközi Vegyészkonferencia, EMT, Déva, 2017.10.25-28

Gombos S.: Hozzájárulások az élelmiszeripari etilalkoholos erjesztás kinetikai paramétereinek meghatározásához és a matematikai modellek tökéletesítéséhez a tervezés és működtetés céljából XXIV. Nemzetközi Vegyészkonferencia, Szovátafürdő, *in print*, 2018 1843-6293

Gombos S.: Alkoholos erjedés műveleti paramétereinek hatása az előállított termék minőségére és a szabályozás lehetőségei Őshonos- és Tájfajták - Ökotermékek - Egészséges Táplálkozás - Vidékfejlesztés, OTOEV Nyíregyháza, 51-52, 2018 978-615-5545-81-8

Gombos S.: Food industry ethanol batch fermentation modeling and simulation challenges FOODCONF Science, Technology & Innovation, Szent István Egyetem, Budapest, 2018, http://www.foodconf.hu/images/FSC2018_program.pdf MTMT database 30335359

Gombos S.: Etilalkoholos erjesztési folyamat tökéletesített modellezése és szimulációja, KUTASSUNK EGYÜTT! TUDOMÁNYOS KONFERENCIA, Csíkszereda, 2019

Gombos S.: Élelmiszeripari erjesztési művelet szimulációjának fejlesztése és alkalmazása, Magyar Tudomány Ünnepe, Csíkszereda, 2019

Gombos S.: Improved kinetic modeling and thermal control of food industry batch ethanol fermentation, Frankfurt am Main, IJASEAT, 7-3, 2019

Gombos S.: Gyümölcslevek UV-kezelésének hatásai és technológiai kivitelezésének lehetőségei, EMT, Kolozsvár, 2019

Gombos S.: Élelmiszeripari műveletek modellezésének és szimulációjának fejlesztése (Dezvoltarea modelării și simulării operațiilor din industria alimentară), EMT Vegyészkonferencia, online, 2021

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

Diplomadolgozat készítési útmutató, Ed. Cermi, 2018, ISBN 978-973-667-458-7, 95 pagini

Gombos S., Szép S.: Élelmiszer adalékanyagok, jegyzet, nyomtatott, illetve elektronikus változatban. Scientia Kiadó, 2026

F. Invenţii

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

Nr. crt.	Titlul temei	Perioada	Finanţator	Calitatea în cadrul echipei	Valoarea
1	Studiul purificării acidului tartric	2003-2005	Institutul Programelor de Cercetare al Fundaţiei Sapientia	membru	8412 RON
2	OMEXIL	2006-2007	CEEX	membru	21570 RON
3	OMEXIL	2006-2007	Institutul	membru	14260 RON

			Programelor de Cercetare al Fundaţiei Sapientia		
4	Studiul proceselor de coroziune din structurile de beton armat	2005-2007	Institutul Programelor de Cercetare al Fundaţiei Sapientia	membru	11360 RON
5	Magas tápértékű funkcionális élelmiszer előállítása a búzaliszt lizin kiegészítésével	2015-2016	Institutul Programelor de Cercetare al Fundaţiei Sapientia	membru	16000 RON

I. Premii, distincţii

J. Citări

K. Participări la conferinţe naţionale şi internaţionale

Ágoston, Zs., **Gombos, S.**, Kovács, J.: Study Of Water Quality Provided By The Baraolt Distribution Network (Covasna County), In: 3nd International Conference "Study and Control of Corrosion in the Perspective of Sustainable Development of Urban Distribution Grids". Petroşani, 2004.1-3.iul. 9-12.p.

György, É., Mészáros, I., Mészáros, S., **Gombos, S.**, Szilágyi, J., Both, J.: Néhány Csíkszereda-környéki borvíz higiéniai és vegyi jellemzése (Caracterizarea igienică şi chimică a unor ape minerale din zona Ciucului). In: Conferinta stiintifica apele minerale din regiunea carpatica,Miercurea Ciuc, 2004, 139.p.

Ágoston, K. Zs., **Gombos S**.: Ásványvizet fogyasztó gyerekek szérum nyomelem tartalma Erdővidéken (Conţinutul de microelemente al serului sanguine al copiilor consumatori de ape minerale din zona Baraolt). In: Conferinta stiintifica apele minerale din regiunea carpatica, Miercurea Ciuc, 2004, 181.p.

Lingvay, J., Gabor, M., Kovács, J., **Gombos, S.:** Contributii la studiul degradarii structurilor din beton armat sub actiunea curentilor de dispersie. In: A IX-a Conferinta Internationala de Constructii si arhitectura, Sumuleu-Ciuc, 2005 mai. 168.p.

Both, J., Mészáros, I., György, É., Gombos, S., Mészáros, S., Szilágyi, J.: A Csíki Medence Néhány borvízforrásának szennyezettségének vizsgálata (Studiul poluării unor ape minerale din zona Ciucului).. In: Conferinta stiintifica apele minerale din regiunea carpatica, Miercurea Ciuc , 2004, 156.p.

Ágoston, K., Zs., **Gombos S**., Lingvay, C., Kovács, J.: Contribution to Evaluation of the Water Quality Provided by the Baraolt City Distribution Network. In: 3nd International Conference "Study and Control of Corrosion in the Perspective of Sustainable Development of Urban Distribution Grids" Petroşani, 2004.iul.1-3. 25-33.p.

Kovács J., **Gombos S.,** Voinitchi C., Gabor M., Lingvay C., Lingvay I.: Contributions to study of degradation by corrosion of concrete steel rezistence structures. III. The pH and Chemical Composition Modifications Of Concrete Due To Stray Currents**.** In: URB-CORR 2005, Sibiu, 2005. iul. 9-11. 93-95. p.

Gombos S., Csapó J.: Aflatoxin B_1 lebontásának vizsgálata napraforgó olajban UV sugárzás hatására (Studiul degradării Aflatoxinei B_1 din uleiul de floarea soarelui sub acţiunea radiaţiilor UV). *In: 14th International Conference of Chemistry.* Cluj, 2008. nov. 13-15. 224-227. p.

Gombos S., Csapó J.: Aflatoxin B_2 lebontásának vizsgálata napraforgó olajban UV sugárzás hatására (Studiul degradării Aflatoxinei B_2 din uleiul de floarea soarelui sub acţiunea radiaţiilor UV).. *In: 15th International Conference of Chemistry.* Tirgu Mures, 2009. nov. 12-15. 99-100. p.

Gombos S., Szép A.: Napraforgó olajban található Aflatoxin B1-et lebontó PFR fotoreaktor modellezése (Modelarea unui fotoreactor de descompunere a Aflatoxinei B1 din uleiul de floarea soarelui). *In: 15th International Conference of Chemistry.* Tirgu Mures, 2009. nov. 12-15. 21-22. p.

Gombos S.: Hőmérséklet befolyása a napraforgó olajban található AFB_1, AFB_2, AFG_2 és T-2 UV lebontására (Influenţa temperaturii asupra fotodegradării AFB_1, AFB_2, AFG_2 şi T-2 în uleiul de floarea-soarelui sub acţiunea iradierii UV) *In: 16th International Conference of Chemistry.* Cluj-Napoca, 2010. nov.

Gombos S., Albert Cs., Prokisch J., Salamon R. V., Csapó J.: High nutritional value functional food production with supplementation of the wheat flour by lysine – 2016.07.06-08, XIIth International Conference on Food Physics, University of Debrcen , Hungary

Gombos S., Csapó J.: Influence of operating parameters and catalysts ont he mycotixins removal from sunflower oil by ultraviolet light - 2016.07.06-08, XIIth International Conference on Food Physics, University of Debrcen , Hungary

Gombos S.: Élelmiszeripari műveletek modellezése és szimulációja – A Magyar Tudomány napja Erdélyben, Oknyomozó Tudomány, természettudományi szakosztály, Erdélyi Természettudományi Konferencia, Kolozsvár, 2016.11.26

Funkcionális élelmiszer előállítása búzaliszt lizin kiegészítésével – Gombos S, Prokisch J., Albert Cs., Salamon R. V., Csapó J. – XXII. Nemzetközi Vegyészkonferencia, Temesvár, 2016.11.03-06

Gombos S.: A tej UV-pasztőrözésének paraméterei és megvalósítási lehetőségei – XXIII. Nemzetközi Vegyészkonferencia, EMT, Déva, 2017.10.25-28

Tamás M., **Gombos S.**, Csapó J.: A kereskedelemben található mézek hamisítása és annak kimutatása – XXIII. Nemzetközi Vegyészkonferencia, EMT, Déva, 2017.10.25-28

Hozzájárulások az élelmiszeripari etilalkoholos erjesztás kinetikai paramétereinek meghatározásához és a matematikai modellek tökéletesítéséhez a tervezés és működtetés céljából XXIV. Nemzetközi Vegyészkonferencia, Szovátafürdő, *in print*, 2018, 1843-6293

Gombos S.: Alkoholos erjedés műveleti paramétereinek hatása az előállított termék minőségére és a szabályozás lehetőségei Őshonos- és Tájfajták - Ökotermékek - Egészséges Táplálkozás - Vidékfejlesztés, OTOEV Nyíregyháza, 51-52, 2018, 978-615-5545-81-8

Gombos S.: Food industry ethanol batch fermentation modeling and simulation challenges FOODCONF Science, Technology & Innovation, Szent István Egyetem, Budapest, 2018, http://www.foodconf.hu/images/FSC2018_program.pdf MTMT database 30335359

Gombos S.: Etilalkoholos erjesztési folyamat tökéletesített modellezése és szimulációja, KUTASSUNK EGYÜTT! TUDOMÁNYOS KONFERENCIA, Csíkszereda, 2019

Gombos S.: Élelmiszeripari erjesztési művelet szimulációjának fejlesztése és alkalmazása, Magyar Tudomány Ünnepe, Csíkszereda, 2019

Gombos S.: Improved kinetic modeling and thermal control of food industry batch ethanol fermentation, Frankfurt am Main, IJASEAT, 7-3, 2019

Gombos S.: Gyümölcslevek UV-kezelésének hatásai és technológiai kivitelezésének lehetőségei, EMT, Kolozsvár, 2019

Gombos S., Szilagyi J.: A sütőipari élesztő erjedési folyamata a tészta előállítás paramétereinek függvényében, XXVI. Nemzetközi Vegyészkonferencia / 26th International Conference on Chemistry, ISSN 2734-7109

Gombos S.: Élelmiszeripari műveletek modellezésének és szimulációjának fejlesztése (Dezvoltarea modelării și simulării operațiilor din industria alimentară), EMT Vegyészkonferencia, online, 2021

Gombos S.: Matematikai egyenletek és informatikai eszközök alkalmazása az élelmiszeripari technológiai folyamatok tervezésében és szimulációjában, XXIX. Nemzetközi Vegyészkonferencia, Marosvásárhely, 2023/10/25 - 2023/10/28

Gombos S.: Prediktív matematikai modellek és szimulációk alkalmazása az élelmiszeriparban, Aplicarea modelelor matematice și a simulărilor predictive în industria alimentară, KUTASSUNK EGYÜTT! TUDOMÁNYOS KONFERENCIA, Csíkszereda, 2024, 2024/01/19 - 2024/01/19

Gombos S.: Élelmiszeripari termékek, nyersanyagok, segédanyagok és közbenső anyagok Herschel-Bulkley paramétereinek hatása a szivattyúzási teljesítmény szükségletre XXX. Nemzetközi Vegyészkonferencia, Kolozsvár, 2024/10/23 - 2024/10/26

Gombos S.: Matematikai modellek és szimulációk alkalmazása az édesipari termékek gyártási technológiáiban, XXXI. Nemzetközi Vegyészkonferencia, Szeben, 2025/10/23 - 2025/10/25

Rozalia-Veronika, Salamon; Renáta, Szabó; László, Gyenge; Csilla, Albert; Éva, Molnos; Melinda, Tamás; Éva, Laslo ; Éva, György ; **Sándor, Gombos** ; Csaba, Dezső András
Investigation of the Soaking of Matured Semi-hard Cheeses in Blackcurrant Wine or in Natural Blackcurrant Juice 2nd Debrecen Online Conference on Infectious Diseases in a One Health context (DOCIDOH): Book of abstracts , Debrecen, Magyarország : Debreceni Egyetem (2025) 67 p. p. 47

L. Alte realizări semnificative

1. **Instalație de cercetare construită:**
   Sistem de reactoare și fotoreactoare UV cu instalații anexe de pompare, reglare temperatură, senzori, achiziție date și control I/O analogic și digital, HPLC cu și fără derivatizare, inclusiv automatizare autoadaptivă pentru studiul micotoxinelor AFB1, AFB2, AFG1, AFG2 și T-2, 2008-2012.

2. **Noi cursuri originale elaborate:**
   Coroziune și electrocoroziune, 2006
   Toxicologie și ecotoxicologie, 2007
   Aditivi alimentari, 2008, 2015, 2026
   Tehnologii extractive în industria alimentară, 2012, pdf, reeditat anual
   Édesipari technológiák (Tehnologia produselor zaharoase), 2018, pdf, reeditat anual
3. **Update cursuri în ultimii 2 ani:**
- Toxicologie și ecotoxicologie, 175 pagini în 2017, 152 pagini în 2018, pe site
- Aditivi Alimentari 2018, 354 pagini, pe site
- Tehnologii Extractive în Industria Alimentară 2018, 512 pagini, limba română și maghiară, pe site
4. **Seminarii, laboratoare, îndrumare de proiectare, materiale ajutătoare:**
- Reactoare chimice și bioreactoare, 123 pagini, 2017
- Procese și Aparate în Industria Alimentară, absorbție-desorbție, ediție completată, 2017, 2018, 95 pagini

- Aditivi Alimentari , lucrări de laborator, metode de analiză, 72 pagini, accesibil online
- Proiect Tehnologii Extractive, ediție extinsă, limba română și maghiară, 192 pagini, accesibil online
- Îndrumar de redactare și calcul pentru lucrări de licență (95 pagini, 2 autori) , accesibil online

5. **Pregătire, elaborare, redactare, corectare și susținere lucrări de licență**:
   În perioada 2017-2018: 7+5, retroactiv cei mai mulți studenți pregătiți în cadrul Catedrei de Științe Alimentare, având cele mai bune rezultate chiar și cu studenți mai puțin valoroși, fiind selectat ca și conducător de regulă de cei mai buni studenți.
6. **Utilizarea de resurse proprii pentru înzestrare cu aparatură, calculatoare, instrumente, materiale didactice, reactivi, software și infrastructură:**
   - 5 sisteme complete PC, 2 imprimante
   - 2 buc. UPS profesionale
   - Componente PC și anexe: tabletă grafică, cartelă video, generator semnal, modemuri
   - Upgrade HPLC Pye Unicam cu NI-DAQ 6008, LabView, detectori UV și fluorescență,
   - Obținere apă distilată pentru Laborator et. I., II. și III. pe durata de 16 ani, cu efectuarea reparațiilor și a activității de întreținere a aparaturilor GFL 2004(2) , activitate nesalarizată,1,5 h/zi, 5 zile/săptămână, 30 săptămâni/an universitar
   - Achiziționarea prepararea și transportul de reactivi în perioada 2006-2018 pentru Lucrări de laborator de chimie, chimie analitică, toxicologie și ecotoxicologie, cercetare științifică
   - Înzestrarea și instalare cu module software licențiate de la parteneri industriali: Codeware Compress 6258: 4 PC, SIMSCI: 2 PC, Aspen Engineering inclusiv HYSYS: 1 PC
7. **Înzestrarea cu literatură științifică de specialitate în format print și electronic**
   - Toxicologie, genotoxicologie și ecotoxicologie, 24 print și 382 format pdf
   - Aditivi Alimentari, 15 print și 218 format pdf
   - Tehnologii extractive, 15 print și 169 format pdf
   - Reactoare și bioreactoare, 31 print și 279 format pdf
   - Metode analitice, 45 format pdf
   - Literatură de specialitate utilizare software în inginerie, 129 format pdf
   - Literatură de specialitate aparatură industrială, 52 format pdf
8. **Activități efectuate cu studenții la cerea acestora, facultative și fără salarizare:**
   Consultații reactoare chimice, chimie anorganică și organică, activitate de proiectare, redactare, elaborare desene de execuție 2D și 3D, elaborare documentație aparatură proiectată.
9. **Prezentări și prelegeri (ultimii 2 ani)**

End-Ibo Remetea, 2021 decembrie, total peste 30 ore
RAP Confectionery, 2022 decembrie, ianuarie, total peste 50 ore

Gombos S.: Etilalkoholos erjesztési folyamat tökéletesített modellezése és szimulációja, KUTASSUNK EGYÜTT! TUDOMÁNYOS KONFERENCIA, Csíkszereda, 2019

Gombos S.: Élelmiszeripari erjesztési művelet szimulációjának fejlesztése és alkalmazása, Magyar Tudomány Ünnepe, Csíkszereda, 2019

LISTA DE PUBLICAȚII

NUMELE ŞI PRENUMELE: Gyenge László

A. Teza de doctorat.

Titlul: Elaborarea unei tehnologii mezofile pentru producere de biogaz din borhotul de porumb.

Conducătorii: Prof. Dr. Lányi Szabolcs, Dr. Ráduly Botond.

Instituție: Universitatea Politehnica din București, Facultatea Chimie Aplicată și Știința Materialelor.

Calificativul obținut: Doctor in domeniul inginerie chimică.

B. Lucrări științifice publicate

1. Szép, S., Molnos, É., Salamon, R. V., & **Gyenge, L.** (2024) Általános élemiszeripari technológia, Iași, Editura Cermi, ISBN: 9789736674693
2. **Gyenge, L.**, Szép, S. (2026) Húsipari Technológia Terv (Proiect Tehnologic pentru Industria Cărnii), Sfântu Gheorghe, Editura T3, ISBN: 978-630-6755-08-0

C1. Lucrări științifice publicate în reviste cotate ISI

1. Szabó, R., Veres, E., Albert, C., Laslo, É., **Gyenge, L.** & Salamon, R. V. (2025). Study of Different Enrichment Methods with Blackcurrant Wine and Their Effects on Hard Cheese Properties. *Dairy*, *6*(6), 71. (IF: 3.1).
2. **Gyenge, L.**, Erdő, K., Albert, C., Laslo, É. & Salamon, R. V. (2024). The effects of soaking in salted blackcurrant wine on the properties of cheese. *Heliyon*, *10*(14). (IF: 3.4).
3. Seidel, C. M., Brethauer, S., **Gyenge, L**., Rudolf von Rohr, P. & Studer, M. H. (2019). Two-stage steam explosion pretreatment of softwood with 2-naphthol as carbocation scavenger. *Biotechnology for biofuels*, *12*(1), 37. (5-year IF: 6.343).
4. **Gyenge, L.**, Raduly, B., Crognale, S., Stazi, S. R., Lanyi, S. & Abraham, B. (2018). Biogas production from corn bioethanol whole stillage: evaluation of two different inocula. *Environmental Engineering & Management Journal (EEMJ)*, *17*(5). (IF: 1.334).
5. Ráduly, B., **Gyenge, L.**, Szilveszter, S., Kedves, A. & Crognale, S. (2016). Treatment of corn ethanol distillery wastewater using two-stage anaerobic digestion. *Water Science and Technology*, *74*(2), 431-437. (IF: 1.247).
6. **Gyenge, L.**, Ráduly, B., Crognale, S., Lányi, S. & Ábrahám, B. (2014). Cultivating conditions optimization of the anaerobic digestion of corn ethanol distillery residuals using response surface methodology. *Central European Journal of Chemistry*, *12*(8), 868-876. (IF: 1.329).

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale

1. **Gyenge, L.**, Ráduly, B., Barrera, R., Font, X., Lányi, S. & Ábrahám, B. (2013). Efficiency of biogas production from corn bioethanol by-products using different inocula. In *2013 4th International Youth Conference on Energy (IYCE)* (pp. 1-6). IEEE.
2. **Gyenge, L.**, Erdő, K., Albert, C., Laslo, É. & Salamon, R. V. Examination of the Properties of Cheese Soaked in Salted Blackcurrant Wine. *Available at SSRN 4551888*.

C3. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale).

1. **Gyenge, L.**, Crognale, S., Lányi, S., Abraham, B. & Ráduly, B. (2014). Anaerobic digestion of corn-DDGS: effect of pH-control, agitation and batch repetition. *UPB Buletin Stiintific, Series B: Chemistry and Materials Science*, *76*, 163-172. ISSN 1454-2331.

2. **Gyenge, L.**, Jakab, E., Kelemen, E., Ráduly, B., Lányi, S. & Ábrahám, B. (2014). "Testing of application of bactofugate (dairy by-product) in anaerobic digestion to generate biogas", in Technical Review, no. 63, 16-20. ISSN 1454-0746.

3. Both, E., **Gyenge, L.**, Bodor, Z., Gyorgy, E., Lanyi, S. & Abraham, B. (2012). Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer. *UPB Buletin Stiintific, Series B: Chemistry and Materials Science*, *74*(1), 27-32. ISSN 1454-2331, 2012.

C4. Participări la conferințe naționale și internaționale

1. **Gyenge, L.,** Albert, Cs., András, Cs. D. , György, É., Laslo, É., Molnos, É., Szabó, R., Tamás, M., Veres, E. & Salamon, R.V.: "*Helyi erőforrásokra alapozott funkcionális sajttermékek fejlesztése feketeribizli-dúsítással a rövid ellátási lánc rendszerében*", I. Tudományos szakmai konferencia, Gödöllő, Hungary, 17-18 March, 2026.

2. András, Cs. D. , Szabó, R., **Gyenge, L.,** Albert, Cs., Molnos, É., Tamás, M., Laslo, É., György, É., Gombos, S. & Salamon, R.V.: "*Properties of hard cheese soaked and matured in blackcurrant wine*", 5th Foodconf Science, Technology & Innovation, Budapest, Hungary, 20-21 November, 2025.

3. **Gyenge, L.,** Szabó, R., Albert, Cs., Molnos, É., Tamás, M., Laslo, É., György, É., Gombos, S., András, Cs. D. & Salamon, R.V.: "*Investigation of the soaking of matured semi-hard cheeses in blackcurrant wine or in natural blackcurrant juice*", 2nd Debrecen Online Conference on Infectious Diseases in a One Health context (DOCIDOH), Debrecen, Hungary, 19 Iune, 2025.

4. Albert, Cs., András, Cs. D., **Gyenge, L.,** Laslo, É. & Salamon, R.V.: "*Whey Valorization for Alcoholic Fermentation*", 6th International Conference on Biosystems and Food Engineering, Budapest, Hungary, 6 Iune, 2025.

5. **Gyenge, L.,** Szabó, R., Veres, E., Albert, Cs., Laslo, É. & Salamon, R.V.: "*The effects of soaking in blackcurrant wine on the properties of cheese*", 30th International Conference on Chemistry, Cluj Napoca, Romania, 23-26 October, 2024.

6. **Gyenge, L.,** Szabó, R., Veres, E., Albert, Cs., Laslo, É. & Salamon, R.V.: "*The effects of soaking in blackcurrant wine on the properties of cheese*", Let's do research together!, Miercurea Ciuc, Romania, 19 Ianuary, 2024.

7. **Gyenge, L.**: "*A feketeribizli-borban áztatott és érlelt kemény sajtok tulajdonságainak vizsgálata*", Let's do research together!, Miercurea Ciuc, Romania, 19 Ianuary, 2024.

8. **Gyenge, L.**: "*Examination of the digestibility of the treated pre-fermented anaerobic sludge*", Let's do research together!, Miercurea Ciuc, Romania, 22 November, 2019.

9. **Gyenge, L.**: "*Analyzing of food products, the importance of traceability of food products*", Caption project conference, Miercurea Ciuc, Romania, 21 June, 2019.

10. **Gyenge, L.**: "*Examination of biochemical methane potential of the steam-exploded pre-fermented anaerobic sludge*", I. RING - Scientific Conference on Sustainable Raw Materials Management, Pécs, Hungary, 7-9 November, 2018.

11. Cazier, E. A. & **Gyenge, L.**: "*Improving methane production of cow manure by steam explosion*", Biogas Science 2018 - International Conference on Anaerobic Digestion, Torino, Italy, 17-19 September, 2018.

12. Szabó, T., Szabó, B., Tóthfalusi, F. & **Gyenge, L.**: "*Efficiency Improvement of a two phase biogas plant using steam explosion technology*", 21th International Conference on Chemistry, Sumuleu Ciuc, Romania, 23-27. September 2015.

13. **Gyenge, L.**, Ráduly, B., Barrena, R., Font, X., Lányi, Sz. & Ábrahám, B.: "*Anaerobic digestion of corn whole stillage with inocula deriving from different sources*", 19th International Conference on Chemistry, Baia Mare, Romania, 21-24. November, 2013.

14. **Gyenge, L.**, Ráduly, B., Crognale, S., Lányi, Sz. & Ábrahám, B., "*Cultural conditions optimization of the anaerobic digestion of corn ethanol distillery residuals using response surface methodology*", 18th International Conference on Chemistry and Chemical Engineering, Sinaia, Romania, 4-7 September, 2013.

15. **Gyenge, L.**, Ráduly, B., Barrena, R., Font, X., Lányi, Sz. & Ábrahám, B.: "*Efficiency of biogas production from corn bioethanol by-products using different inocula*", 4th International Youth Conference on Energy, Siófok, Hungary, 6-8 June, 2013.

16. **Gyenge, L.**, Ráduly, B., Crognale, S., Stazi, S.R., Lányi, Sz. & Ábrahám, B.: "*Evaluation of two different inocula for biogas production from whole corn stillage*", 18th International Conference on Chemistry, Băile Felix, Romania, 22-25. November, 2012.

17. Both, E., **Gyenge, L.**, György, É., Lányi, Sz. & Ábrahám, B.: "*Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer*", 17th International Conference on Chemistry, Cluj Napoca, Romania, 3-6. November, 2011.

18. Both, E., **Gyenge, L.**, Bodor, Zs., György, É., Lányi, Sz. & Ábrahám, B.: "*Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer*", 17th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, Romania, 7-10. September, 2011.

19. Belák, Á., Cenic, S., Marsi, B., **Gyenge, L.** & Maráz, A.: "*Physiological and biochemical characterisation of spoilage bacteria originated from chicken meat*", The 21st Internationla ICFMH Symposium - FoodMicro, Aberdeen, Scotland, 1-4. September, 2008;

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21. Belák, Á., Cenic, S., Holczman, A.N., **Gyenge, L.** & Maráz, A.: "*Physiological and biochemical characterization of bacterias that cause deterioration of chicken meat*", Lippay János – Imre Ormos – Károly Vas Scientific Session, Budapest, Hungary, 7-8. November, 2007.

D. Contracte de cercetare (menționați calitatea de director sau membru)

Denumirea cercetarea / proiectului	**Beneficiar**	**Finanțator**	**Validate**	**Perioada**	**Proiect no.**	**Volumul finanțării [RON]**
Obținerea unui aliment funcțional cu brânzeturi și coacăze negre	Universitatea Sapientia - Departamentul de Științe Alimentare	KPI	Membru	30.04.2025-	Nr. de înreg. IPC: 13/5/21.05.2025 Nr. de înreg. Univ. Sapientia: 244/3/21.05.2025	
Colaborare consultativă între Departamentul de Știința Alimentelor al Universității Sapientia și Batlas Holding - Sóskút Kft.	Universitatea Sapientia - Departamentul de Științe Alimentare	Batlas Holding - Sóskút Kft.	Membru	16.12.2021-	Codul de înregistrare al proiectului: 173/16.12.2021.	
Microbial Strategy to Enhance the Biogas Yield in Anaerobic Digestion of Manure	Bern University of Applied Sciences Berner Fachhochschule	Guvernul Elveției	Membru	2017-2017	S11501424-01	179 340
Cercul de cercetare al biogazului (Ungaria)	FIBAG Biogas kft	Guvernul Ungariei, Fondul European de Dezvoltare Regională	Director adjunct	2014-2017	GOP-1.3_.2-09-2010-0022	8 309 686

Denumirea cercetarea / proiectului	Beneficiar	Finanțator	Validate	Perioada	Proiect no.	Volumul finanțării [RON]
Fermentarea anaerobă fază separată a borhotului de porumb din industria bioetanolului	Universitatea Sapientia	Institutul programelor de cercetare al Fundației Sapientia	Membru	2013-2014	Fundația Sapientia IPC 128/8/2014	24 000

Miercurea Ciuc, 24.09.2026 dr. Gyenge László

LISTA PUBLICAȚIILOR

NUMELE ŞI PRENUMELE: György Éva

A. Teza de doctorat.

Strategii adaptative structurale ale organelor vegetative supraterane faţă de variaţiile factorului fotic şi hidric la câteva cormofite din depresiunea Ciucului. Conducătorul tezei: Prof. Dr. Péterfi Leontin István. Universitatea „Babeș-Bolyai" din Cluj-Napoca.

B. Cărti publicate

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

1. **György Éva**: *Általános Mikrobiológia (Microbiologie generală),* Editura Scientia, Cluj-Napoca, 2009, ISBN 978-973-1970-28-8, 147p. Ediția a II-a, revizuită și îmbogățită a apărut cu același titlu în 2021, ISBN 978-606-975-048-3, 188p.
2. **György, É**.: *Studiu anatomic al unor cormofite din zona Ciucului*, Editura Scientia, Cluj-Napoca, 2009, ISBN 978-973-1970-27-1, 164 p.
3. Szép Alexandru (ed.), Csapó János, Gombos Sándor, **György Éva**, Molnos Éva, Salamon Rozália Veronika, Madaras Szilárd, *Diplomadolgozat készítési útmutató*, Editura Cermi, Iasi, 2018, ISBN 978-973-667-458-7, 169 p.
4. **György Éva**: *Élelmiszer-Mikrobiológia Laboratóriumi Gyakorlatok* (*Lucrări practice de microbiologie alimentară*), Editura Scientia, Cluj-Napoca, 2020, ISBN 978-606-975-038-4, 111 p.
5. Szép Sándor, **György Éva**, Szilágyi József: *Ásványvíz palackozás technológiája (Tehnologia de îmbuteliere a apei minerale)*, Editura Cermi, Iași, 2021, ISBN 978-973-667-464-8, 222 p.
6. Szép Sándor, **György Éva**, Szilágyi József: *A természetes ásványvízpalackozás technológiája* (Tehnologia îmbutelierii apelor minerale naturale), Editura Cermi, Iași, 2023, ISBN 978-973-667-464-8, 231 p.

B5. Capitole de cărţi publicate în străinătate

1. Fodorpataki L., Holinka B., **György É**.: Priming with S-methylmethionine increases non-enzymatic antioxidant content of lettuce leaves exposed to salt stress. In: Asaduzzaman, Md. (ed.): Controlled Environment Agriculture - Production of Specialty Crops Providing Human Health Benefits through Hydroponics, Nova Science Publishers, New York, 2016, p. 133-164, ISBN 978-1-63484-489-5.

2. Laslo É., **György É**., Ábrahám B., Mara Gy.: Bacterial strains with nutrient mobilisation ability from Ciuc Mountains (Transylvania Region, Romania). In: Singh, D.P., Singh. H.B., Prabha, R.: Plant-Microbe Interactions in Agro-Ecological Perspectives, Volume 1: Fundamental Mechanisms, Methods and Functions, Springer, Singapore, 2017, p. 531-548, ISBN 978-981-10-5812-7.

3. **György É**., Laslo É.: Microbial diversity of traditionally processed cheese from Northeastern Region of Transylvania (Romania). In: Laranjo M. (ed.) Fermentation -

Processes, Benefits and Risks, IntechOpen, 2021, p. 103-125, ISBN 978-1-83968-816-4

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. **György, É.:** Anatomic adaptive strategies of some cormophytes with individuals growing in light and shade conditions, *Notulae Botanicae Horti Agrobotanici*, Cluj-Napoca, 37, 2, 2009, p. 33-39, ISSN 1842-4309.
2. Laslo, É., **György, É**., Mara, Gy., Tamás, É., Máthé, I., Ábrahám, B., Lányi, Sz.: Applied microbial technology: solubilization of inorganic phosphate and producing siderophore by isolated nitrogen fixing bacteria, *Studia Universitatis Chemia*, 2, 2009, p. 53-60, ISSN 1224 -7154.
3. Both, E., Kibédi, Sz.Cs.Z., **György, É**., Tamás, É., Miklóssy, I., Ábrahám, B., Lányi, Sz: Verification of probiotic bacterial properties: tolerance to digestive juices and adhesion to epithelial cells of *Lactobacillus acidophilus* La-5 and *Lactobacillus casei* 01, *Studia Universitatis Chemia*, 2, 2009, p. 27-34, ISSN 122-7154.
4. Tamás, É., Mara, Gy., Laslo, É., **György, É**., Ábrahám, B., Lányi, Sz: Analysis of biofilm production, swarming and swimming motility of *Pseudomonas* strains, *Studia Universitatis Chemia*, 2, 2009, p. 45-52, ISSN 122-7154.
5. **György, É**., György, E.M.: Study of the antimicrobial activity and synergistic effect of some plant extracts and essential oils, *Revista Română de Medicină de Laborator*, 18, 1, 2010, p. 49-56, ISSN 1841-6624.
6. **György, É**., Mara, Gy., Máthé, I., Laslo, É., Márialigeti, K., Albert, B., Oancea, F., Lányi, Sz.: Characterization and diversity of the nitrogen fixing microbiota from a specific grassland habitat in the Ciuc Mountains, *Roumanian Biotechnological Letters*, 15, 4, 2010, p. 5474-5481, ISSN 1224-5984.
7. Máthé, I., Táncsics, A., **György, É**., Pohner, Zs., Vladár, P., Székely, J.A., Márialigeti, K.: Investigation of mineral water springs of Miercurea-Ciuc (Csíkszereda) region (Romania) with cultivation-dependent microbiological methods, *Acta Microbiologica et Immunologica Hungarica*, 57, 2, 2010, p. 109-122, ISSN 1217-8950.
8. Both, E., **György, É**., Ábrahám, B., Miklóssy, I., Lányi, Sz.: Selection of lactic acid bacteria isolated from traditionally manufactured cheese varieties, *Studia Universitatis Chemia*, Sp. Iss., 2010, p. 23-30, ISSN 122-7154.
9. Laslo, É., **György, É**., Mara, Gy., Szentes, S., András, Cs., Lányi, Sz.: Phosphorus mobilization from different inorganic phosphates by bacteria proposed for biofertilizer, *Studia Universitatis Chemia*, Sp. Iss., 2010, p. 89-100, ISSN 122-7154.
10. **György, É**., Laslo, É., András, Cs.D., Buzás, A.: Screening of allochthonous microorganisms in drinking water and studies of the faecal originated *Escherichia coli* isolate survival after the chemical disinfection, *Acta Alimentaria*, 40, 1, 2011,165-171, ISSN 0139-3006.
11. Tamás, É., Mara, Gy., Máthé, I., Laslo, É., **György, É**., Lányi, Sz.: Isolation, characterization and identification of nitrogen and phosphorus mobilizing bacteria,

Environmental Engineering and Management Journal, 11, 3, 2012, p. 675-680, ISSN 1582-9596.

12. Laslo, É., **György, É.**, Mara, Gy., Szentes, S., Salamon, R.V., András, Cs.D., Lányi, Sz.: The management of N and P nutrition of plants using nitrogen fixing and phosphorus solubilizing bacteria, *Environmental Engineering and Management Journal*, 11, 2, 2012, p. 371-377, ISSN 1582-9596.
13. Laslo, É., **György, É.**, Mara, Gy., Tamás, É., Ábrahám, B., Lányi, Sz.: Screening of plant growth promoting rhizobacteria as potential microbial inoculants, *Crop Protection*, 40, 2012, p. 43-48, ISSN 0261-2194.
14. **György, É.**, Laslo, É., Kuzman, I.H., András, Cs.D.: The effect of essential oils and their combinations on bacteria from the surface of fresh vegetables, *Food Science & Nutrition*, 8, 10, 2020, p. 5601-5611, DOI: 10.1002/fsn3.1864. IF: 1,797.
15. **György, É.**, Laslo, É., Antal, M., András, Cs.D.: Antibiotic resistance pattern of the allochthonous bacteria isolated from commercially available spices, *Food Science & Nutrition*, 9, 8, 2021, p. 4550-4560, DOI: 10.1002/fsn3.2433. IF: 2,863.
16. **György, É.**, Laslo, É., Salamon, B.: Antimicrobial impacts of selected *Lamiaceae* plants on bacteria isolated from vegetables and their application in edible films, *Food Bioscience*, 51, 2023, 102280, https://doi.org/10.1016/j.fbio.2022.102280. IF: 5,318.
17. **György, É.**, Unguran, K.A., Laslo, É.: Biocide tolerance and impact of sanitizer concentrations on the antibiotic resistance of bacteria originating from cheese, *Foods*, Occurrence and Control of Antibiotic Resistant Strains of Bacteria in Food Chain, 12 (21), 2023, 3937, https://doi.org/10.3390/foods12213937. IF: 5,2.
18. Héjja, M., Mihok, E., Alaya, A., Jolji, M., **György, É.**, Mészaros, N., Turcus, V., Oláh, N.K., Máthé, E.: Specific antimicrobial activities revealed by comparative evaluation of selected gemmotherapy extracts, *Antibiotics*, 13 (2), 2024, 181, https://doi.org/10.3390/antibiotics13020181. IF: 4,8.
19. **György, É.**, Laslo, É.: Microbiological quality assessment of some commercially available breads, *Foods*, 13, (20), 2024, 3271, https://doi.org/10.3390/foods13203271. IF: 4,7.
20. Héjja, M., **György, É.**, Lóga, F. Á., Nagy, R., Pacza, T., Sipos, P., Tankó, G., Laslo, É., Mészáros, N., Turcuș, V., Oláh, N.-K., Máthé, E.: Gemmotherapy extracts like the dog rose, lingonberry, sea buckthorn, blackthorn, common grape, hawthorn, raspberry and boxwood feature variable yet excelling antimicrobial effects, *Antibiotics*, 14 (10), 2025, 1052. https://doi.org/10.3390/antibiotics14101052. IF: 4,6.

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale

1. András, Cs.D., Kapás, Á., Bartha, Z., Salamon, R., Csajági, Cs., Székely, G., Salamon, Sz., **György, É.**: *Édeskömény (Foeniculum vulgare Mill.) illóolaj kinyerése mikrohullámú vízgőzdesztillációval és szuperkritikus állapotú szén-dioxiddal* (Obtaining of fennel (*Foeniculum vulgare* Mill.) volatile oil with microwave-asisted hydrodistillation and by extraction with carbon-dioxide in supercritical state), *Olaj Szappan Kozmetika*, Budapest, 58, 2009, p. 66-72, ISSN 0472 8602 (Chemical Abstract).

2. Both, E., **György, É.,** Kibédi-Szabó, Cs. Z., Tamás, É., Ábrahám, B., Lányi, Sz.: Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms, *Scientific Bulletin Series B: Chemistry and Materials Science,* 72*,* 2, 2010*,* p. 37-44, ISSN 1454-2331.
3. Tamás, É., Mara, Gy., Laslo, É., **György, É.,** Máthé, I., Ábrahám, B., Lányi, Sz.: Microbial products as natural alternative to fertilizers: isolation and characterizations of nitrogen fixing bacteria, *Scientific Bulletin Series B: Chemistry and Materials Science,* 72*,* 3, 2010*,* p. 137-144, ISSN 1454-2331.
4. Laslo, É., **György, É.**, Mara, Gy., Lányi, Sz: Effect of some environmental factors on selected bacteria isolated for microbial inoculants, *Scientific Bulletin*, Series D. 24, 2, 2010, p. 47-52, ISSN 1582-0548.
5. Laslo, É., **György, É.,** Máthé, I., Mara, Gy., Tamás, É., Ábrahám, B., Lányi, Sz.: Replacement of the traditional fertilizer with microbial technology: isolation and characterization of beneficial of nitrogen fixing rhizobacteria, *Scientific Bulletin Series B: Chemistry and Materials Science,* 73*,* 1, 2011*,* p. 109-114, ISSN 1454-2331.
6. Both, E., **György, É.,** Ábrahám, B., Lányi, Sz.: Beneficial effects of probiotic microorganisms. A review, *Acta Universitatis Sapientiae, Alimentaria,* 4, 2011, p. 44-58, ISSN 1844-7449.
7. Both, E., Gyenge, L., Bodor, Zs., **György, É**., Lányi, Sz., Ábrahám, B.: Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer, *Scientific Bulletin Series B: Chemistry and Materials Science,* 74*,* 1, 2012*,* p. 27-32, ISSN 1454-2331.
8. Laslo, É., **György, É**.: Evaluation of the microbiological quality of some dairy products, *Acta Universitatis Sapientiae, Alimentaria,* 11, 2018, p. 27–44, ISSN 1844-7449.
9. **György, É**., Laslo, É.: Antimicrobial resistance of bacterial isolates from different dairy products and their emergence in the food chain, *Acta Universitatis Sapientiae, Alimentaria,* 11, 2018, p. 45–57, ISSN 1844-7449.
10. Laslo, É., **György, É**., Czikó, A.: Meat starter cultures: Isolation and characterization of lactic acid bacteria from traditional sausages, *Acta Universitatis Sapientiae, Alimentaria,* 12, 2019, p. 54-69, ISSN 1844-7449.
11. Laslo, É., **György, É**., Mihok, E., Antal M.: Evaluation of the microbiological quality of some fresh dairy products with Soleris® Automated System, *Acta Universitatis Sapientiae, Alimentaria,* 12, 2019, p. 80-93, ISSN 1844-7449.
12. Laslo, É., **György, É**., András, Cs.D.: Bioprotective potential of lactic acid bacteria, *Acta Universitatis Sapientiae, Alimentaria*, 13, 2020, p. 118-130, ISSN 1844-7449.
13. **György, É**., Laslo, É., Csató, E.: Antibacterial activity of plant extracts against *Listeria monocytogenes* isolated from ready-to-eat salads, *Acta Universitatis Sapientiae, Alimentaria*, 13, 2020, p. 131-143, ISSN 1844-7449.
14. **György, É**., Laslo, É., Onodi, I.: Influence of milk used for cheese making on microbiological aspects of Camembert-type cheese, *Acta Universitatis Sapientiae, Alimentaria*, 14, 2021, p. 84-94, ISSN 1844-7449.
15. **György, É**., Laslo, É., Unguran, A.K., Assessment of sodium chloride tolerance and antibiotic resistance of *Citrobacter braakii* EC-PS1 and *Macrococcus caseolyticus*

Li-PT1 isolated from artisanal cheeses, *Acta Universitatis Sapientiae, Alimentaria*, 15, 2022, p. 94-107, ISSN 1844-7449.

16. Laslo, É., **György, É**., Szentpáli, M.-R., Stress response in bacteria originated from dairy products, *Acta Universitatis Sapientiae, Alimentaria*, 16, 2023, p. 90-102, ISSN 1844-7449.
17. Laslo, É., **György, É**., Szabó, A.-M., Technological aspects of lactic acid bacteria originated from artisanal cheeses, *Acta Universitatis Sapientiae, Alimentaria*, 17, 2024, p. 61–81, ISSN 1844-7449.

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

1. András, Cs.D., Salamon, B., **György, É**., Mihok, E., Szép, A.: Essential oil extraction from herbs and their use in the food industry, *Acta Agraria Debreceniensis*, 150th Anniversary Issue, 2018, p. 59-74, ISSN 1587-1282.
2. Mihok, E., **György, É**., Máthé, E.: The Carpathian lingonberry, raspberry and blackberry fruit extracts feature variable antimicrobial efficiency strength, *Acta Agraria Debreceniensis*, 2019, 1, p. 27-32, ISSN 1587-1282.

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

1. Fodorpataki, L., Deliu, C., **György, É.**: Histo-anatomical organization of the leaf blade of different gymnosperm species, *Contribuţii Botanice*, 1998, p. 97-103, ISSN 0069-9616.
2. **György, É.:** Structural characteristics and quantitative determination of the chlorophyll in some sciophyte and heliophyte angiosperm species, *Contribuţii Botanice*, 40, 2005, p. 227-235, ISSN 0069-9619.
3. **György, É.**, Máthé, I., Balázs, E., Lőrinczi, L.: Csíkszereda és Szentegyháza környéki ásványvizek mikrobiológiai vizsgálata (Studiul microbiologic al apelor minerale din zona oraşelor Miercurea-Ciuc şi Vlăhiţa), *Orvostudományi Értesítő (Bulletin of Medical Sciences)*, 79, 1, 2006, p. 133-136, ISSN 1453-0953.
4. **György, É.**, Máthé, I., Lőrinczi, L., Buzás, A., Kémenes, L: Gyergyóújfalui ásványvizek és kútvizek mikrobiológiai vizsgálata (Studiul microbiologic al apelor minerale şi de fântână din comuna Suseni), *Orvostudományi Értesítő (Bulletin of Medical Sciences)*, 80, 1, 2007, p. 67-69, ISSN 1453-0953.
5. **György, É.**, Harai, É., András, Cs.D., Tolokán, A., Hantz, A.: Mikotoxinogén penészgombák vizsgálata és az általuk termelt mikotoxinok analitikai kimutatása fűszerekből és takarmányokból (Studiul micromicetelor micotoxinogene şi determinarea analitică a micotoxinelor din condimente şi furaje), *Orvostudományi Értesítő (Bulletin of Medical Sciences)*, 81, 4, 2008, p. 275-278, ISSN 1453-0953.
6. **György, É.**, Laslo, É., András, Cs.D., György, E.M.: Szárított fűszernövények mikrobás szennyezettségének vizsgálata (Studiul contaminării microbiene al unor plante condimentare uscate), *Orvostudományi Értesítő (Bulletin of Medical Sciences)*, 82, 2, 2009, p. 127-130, ISSN 1453-0953.

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1. **György, É.**: Nyitvatermők levelének adaptatív morfo-anatómiai sajátosságai (Caracteristicile morfo-anatomice ale frunzei la gimnosperme), *Múzeumi füzetek*, 7, 1998, p. 87-94.
2. **György, É.**: Régi dísz- és gyógynövényünk: a *Calendula officinalis* L. morfo-anatómiai vizsgálata (Studiul morfo-anatomic ale plantei decorative şi medicinale: *Calendula officinalis* L), *Múzeumi füzetek*, 8, 1999, p. 78-85, ISSN 1453-097x.
3. **György, É.**: A trichomák változatossága (Varietatea trichomilor), *Múzeumi füzetek*, 9, 2000, p. 46-53, ISSN 1453-097x.
4. **György, É.**: Árnyékkedvelő növények levelének adaptív anatómiai sajátosságai (Proprietăţile anatomice adaptative ale frunzei plantelor sciafile), *Múzeumi füzetek*, 13, 2004, p. 56-62, ISSN 1453-097x.
5. **György, É.**: A fény hatásának tanulmányozása néhány zárvatermő növény levelének és szárának szerkezetében (Studiul efectului luminii în structura frunzei şi a tulpinii câtorva angiosperme), *Biologia/Acta Scientiarum Transylvanica-Múzeumi Füzetek*, 14/1, 2006, p. 43-54, ISSN.1842-5070.
6. **György, É.:** A fény és nedvesség hatására kialakult anatómiai sajátosságok tanulmányozása néhány zárvatermő növény levelében és szárában (Studiul caracterelor anatomice în frunze şi tulpini determinate de factorul fotic la câteva angiosperme), *Csíki Székely Múzeum Évkönyve 2005*, *Természettudományok*, 2006, p. 477-484, ISSN 1842-0197.
7. Laslo, É., **György. É**., Lányi, Sz.: Növényi tápanyag mobilizáló baktériumok izolálása és jellemzése (Izolarea şi caracterizarea bacteriilor cu capacitatea de a mobiliza nutrienţi), *Csíki Székely Múzeum Évkönyve,* 2010, p. 501-506, ISSN 1841-0197.
8. **György, É.,** Mijea, A.: A Csíkszereda környékén előforduló ehető gombák és azok táplálkozási-egészségvédelmi jelentőségének értékelése (Ciupercile comestibile răspândite în jurul oraşului Miercurea-Ciuc şi evaluarea importanţei lor nutritive-medicinale), *Csíki Székely Múzeum Évkönyve VII., Természettudományok*, 2011, p. 365-370, ISSN 1841-0197.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1. Both, J., Mészáros, I., **György, É.**, Gombos, S., Mészáros, S., Szilágyi, J.: A Csíki-medence néhány borvízforrásának szennyezettségi vizsgálata (Studiul poluării la câteva izvoare de apă minerală din depresiunea Ciucului). In*: Mineral waters in the Carpathian Basin Scientific Conference*, Miercurea-Ciuc, 30-31 iul. 2004, p. 139-147, ISBN 973-86876-0-8.
2. **György, É.**, Mészáros, I., Mészáros, S., Gombos, S., Szilágyi, J., Both, J.: Néhány Csíkszereda környéki borvíz higiéniai és vegyi jellemzése (Caracterizarea igienică şi chimică ale unor ape minerale din împrejurimea oraşului Miercurea-Ciuc). In: *Mineral waters in the Carpathian Basin. 2nd International Scientific Conference*, Miercurea-Ciuc, 28-30 iul. 2005, p. 111-117, ISBN.973-7625-01-3.
3. Máthé, I., **György, É.**, Balázs, E.: Néhány Hargita-megyei ásványvízforrás higiéniai

vizsgálata (Analiza igienică a unor izvoare de ape minerale din Judeţul Harghita). In: *Mineral waters in the Carpathian Basin. 2nd International Scientific Conference*, Miercurea-Ciuc, 28-30 iul. 2005, pp. 91-97, ISBN.973-7625-01-3.

4. **György É.**: A fény hatására kialakult adaptív anatómiai sajátosságok tanulmányozása néhány zárvatermő növényfaj földfeletti vegetatív szerveiben (Studiul proprietăţilor anatomice adaptative apărute la efectul luminii în organele supraterane la câteva angiosperme). In: *Környezettudományi konferencia* (Conferinţa Ştiinţei Mediului), Cluj-Napoca, 17-18 mart. 2005, p. 207-212, ISBN. 978-973-7953-69-8.
5. **György, É.**, Máthé, I., Buzás, A., Kémenes, L.: Ásványvizek és kútvizek mikrobiológiai vizsgálata Hargita megyében (Microbiological analysis of mineral waters and well waters in Hargita county), In: „*Lippay János-Ormos Imre-Vas Károly" Scientific Conference*, Budapest, 19-20 oct. 2005, p. 144-145, ISBN 963-503-342-7.
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7. **György, É.**, Albert, E., Máthé, I., Maráz, A.*:* Gyümölcs- és zöldség-kivonatok joghurt fermentációra kifejtett hatása (Effect of fruit and vegetable extracts on yoghurt fermentation), In: „*Lippay János-Ormos Imre-Vas Károly" Scientific Conference*, Budapest, 7-8 noi. 2007, p. 54-55, ISBN 978-963-06-3350-5.
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11. András, Cs., Bartha, Z., Kapás, Á., Székely, G., **György, É.**, Salamon, Sz., Salamon, R.,Csajági, Cs.: Édeskömény (*Foeniculum vulgare* Mill.) illóolaj kinyerése mikrohullámú vízgőzdesztillációval és szuperkritikus állapotú szén-dioxiddal (Obtaining of fennel (*Foeniculum vulgare* Mill.) volatile oil with microwave-asisted hydrodistillation and by extraction with carbon-dioxide in supercritical state). In: *Szuperkritikus Oldószerek Műveleti és Analitikai Alkalmazásai*, Budapest, 22 mai. 2008, p. 17, ISBN 978- 963-420-950-8
12. **György É.**: Az *Escherichia coli* és a mikroszkopikus penészgombák viselkedése

ásványvízben (Comportamentul bacteriei *Escherichia coli* şi a micromicetelor în apă minerală). In: *Mineral Waters in the Carpathian Basin 5th International Scientific Conference,* Miercurea-Ciuc, 25-26 iul. 2008, p. 135-139, ISBN. 978-973-7625-17-5.

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21. Tamás, É., Mara, Gy., Laslo, É., **György, É**., Ábrahám, B., Lányi, Sz.: *Pseudomonas* törzsek biofilm ermelésének és mozgásképességének vizsgálata (Analiza formării de biofilme şi mobilitatea bacteriilor (swarming, swimming) la tulpinile bacteriene de *Pseudomonas),* In: *15th International Conference of Chemistry,* Târgu-Mureş, 12-15 noi. 2009, p. 51, ISSN 1843-6293.
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selected bacteria isolated for microbial inoculants, In: *International Conference Mineral Resources and Environment*, Baia-Mare, 28-30 oct. 2010., p. 17, ISBN 978-606-536-116-4.

23. Both, E., **György, É.**, Ábrahám, B., Miklóssy, I., Lányi, Sz.: Hagyományos módon előállított sajtokból izolált tejsav-baktériumok szelekciója (Selection of lactic acid bacteria isolated from traditionally manufactured cheeses), In: *16th International Conference of Chemistry*, Cluj-Napoca, 11-14. noi. 2010, p. 21, ISSN 1843-6293.
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29. András, Cs.D., Salamon, R.V., **György, É**., Csapó, J.: A konjugált linolsavak élettani hatása és felhasználhatósága táplálékkiegészítőként (Efectul fiziologic a acizilor linoleici conjugați și utilizarea lor în alimente funcționale), In: *Orvostudományi Értesítő (Bulletin of Medical Science),* 86, 2, *Sesiunea Ştiinţifică XXIII, Societatea Muzeului Ardelean – Secţiunea de Ştiinţe Medicale şi Farmaceutice*, Odorheiu Secuiesc, 11-13 apr. 2013, p. 2, ISSN 1453-0953.
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31. **György, É.,** Laslo, É.: Microbiological study of some fresh vegetables, In: *Food Science Conference 2013*, Budapest, 7-8 sept. 2013, p. 246-249, ISBN 978-963-503-550-2.
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36. **György, É**., Laslo, É., Ivóvízből izolált *Bacillus* fajok antibiotikumokkal és klóraminnal szembeni rezisztenciája (Antibiotic and chloramine resistance of *Bacillus* species isolated from drinking water), In: *A Kárpát-medence ásványvizei - XVII. Nemzetközi Konferencia* (Mineral waters in the Carpathian Basin 17th International Scientific Conference), Miercurea Ciuc, 31.aug.-01.sept. 2023., p.76-85, ISBN 978-606-8951-51-5.
37. **György, É**., Ivóvízből izolált baktériumok antibiotikumokkal szembeni rezisztenciájának vizsgálata (Study of the antibiotic resistance of bacteria isolated from drinking water), In: *Kárpát-medence ásványvizei – XX. Nemzetközi Tudományos Konferencia* (Mineral waters in the Carpathian Basin 20th International Scientific Conference), Miercurea Ciuc, 27-28. aug. 2026., p. 81-92, ISBN: 978-606-556-207-3.

F. Brevete de invenţii şi alte titluri de proprietate

Oancea, F., Sicuia, O., Dinu, S., Zamfiropol, R., **György, É**., Ábrahám, B., Lányi, Sz.: Procedeu de izolare a bacteriilor fixatoare de azot în simbioză din nodozitățile plantelor leguminoase, Brevet RO 125669 B1/ 30.04.2013.

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

Nr. crt.	Titlul temei	Perioada	Finanţator	Calitatea în cadrul echipei
1	Studiul microbiotei autochtone şi allochtone a unor izvoare minerale, cu metode microbiologice clasice şi moleculare	2005-2006	Institutul Programelor de Cercetare al Fundaţiei Sapientia	membru
2	Bioremedierea unor soluri poluate cu motorină I	2006-2007	Institutul Programelor de Cercetare al Fundaţiei Sapientia	membru

3	Bioremedierea unor soluri poluate cu motorină II	2007-2008	Institutul Programelor de Cercetare al Fundaţiei Sapientia	membru
4	Studiul sedimentelor apelor stătătoare periglaciale	2007-2008	Institutul Programelor de Cercetare al Fundaţiei Sapientia	director
5	Inoculanţi microbieni pentru sisteme de agricultură durabila (MIMOSA) - PNCDI, Programul 4: Parteneriate in domeniile prioritare	2007-2010	Ministerul Educaţiei, Cercetării şi Inovării	membru
6	Cercetări interdisciplinare privind valorificarea energetică a subproduselor din industria laptelui – PNCDI, Programul 4: Parteneriate in domeniile prioritare	2007-2010	Ministerul Educaţiei, Cercetării şi Inovării	membru
7	Tehnologii inovative de conservare şi utilizare a bacteriilor lactice probiotice cu performanţe biotehnologice superioare pentru creşterea siguranţei alimentare (INCTEC) – PNCDI, Programul 4: Parteneriate in domeniile prioritare	2007-2010	Ministerul Educaţiei, Cercetării şi Inovării	membru
8	Studiul faunei şi florei recente al bălţilor temporare din Depresiunea Ciucului şi crearea unei colecţii de referinţă pentru studii de paleoecologie.	2008-2009	Institutul Programelor de Cercetare al Fundaţiei Sapientia	director
9	Studiul microbiotei din straturile de apă formate în lacul Ursu din Sovata	2008-2009	Institutul Programelor de Cercetare al Fundaţiei Sapientia	membru
10	„Devil's Lake Bicycle Route" as a civic adaptative approach towards climatic changes, conservation of biodiversity climatic changes, conservation and in the Upper Ciuc Basin	2009-2010	Global Environment Facility/Small Grants Programme	membru
11	Biopreparate microbiene pentru creşterea productivităţii şi protecţia culturilor agricole, Programul operaţional sectorial creşterea competivităţii economice	2010-2012	Ministerul Educaţiei, Cercetării şi Inovării	membru
12	Evaluarea microbiotei legumelor proaspete şi studiul supravieţuirii bacteriilor care determină boli alimentare	2011-2012	Academia Ungară de Ştiinţe	director
13.	Studiul microbiologic al lacului Sfânta Ana	2011-2014	Institutul Programelor de Cercetare al Fundaţiei Sapientia	membru
14.	Efectul substanțelor antimicrobiene naturale asupra bacteriilor prezente pe legume proaspete cu rol în boli alimentare	2015-2016	Institutul Programelor de Cercetare al Fundaţiei Sapientia	director
15.	Efectul filmelor comestibile cu conținut de uleiuri esențiale asupra microorganismelor prezente pe	2017-2018	Institutul Programelor de Cercetare al Fundaţiei Sapientia	director

	legume proaspete cu rol în boli alimentare și în alterare			
16	Natural suspensions based on bee products with magnetically controllable antibacterial and antifungal properties	2021-2022	IUCN Dubna	director
17.	Determinarea toleranței la condițiile de stres asociate cu producerea, prelucrarea și depozitarea caşcavalului în cazul bacteriilor patogene	2022-2023	Institutul Programelor de Cercetare al Fundației Sapientia	director
18.	Obținerea unui aliment funcțional cu brânzeturi și coacăze negre	2025-2026	Institutul Programelor de Cercetare al Fundației Sapientia	membru

K. Participări la conferinţe naţionale şi internaţionale

1. Both, J., Mészáros, I., **György, É.**, Gombos, S., Mészáros, S., Szilágyi, J.: A Csíki-medence néhány borvízforrásának szennyezettségi vizsgálata (Studiul poluării la câteva izvoare de apă minerală din depresiunea Ciucului), *Mineral waters in the Carpathian Basin Scientific Conference*, Miercurea-Ciuc, 30-31 iul. 2004
2. **György, É**.: Fénykedvelő és árnyékkedvelő növények földfeletti vegetatív szerveinek adaptatív anatómiai sajátosságai (Caracteristicile anatomice adaptative ale organelor vegetative supraterane ale plantelor heliofile şi sciafile), *Societatea Muzeului Ardelean – Conferinţa Ştiinţifică Anuală*, *Secţiunea de Ştiinţe ale Naturii,* Cluj-Napoca, 20. noi. 2004.
3. **György, É.**: A fény hatására kialakult adaptív anatómiai sajátosságok tanulmányozása néhány zárvatermő növényfaj földfeletti vegetatív szerveiben (Studiul proprietăţilor anatomice adaptative apărute la efectul luminii în organele supraterane la câteva angiosperme), *Conferinţa Ştiinţei Mediului*, Cluj-Napoca, 17-18 mart. 2005.
4. **György, É.,** Máthé, I., Balázs, E., Lőrinczi, L.: Csíkszereda és Szentegyháza környéki ásványvizek mikrobiológiai vizsgálata (Studiul microbiologic al apelor minerale din zona oraşelor Miercurea-Ciuc şi Vlăhiţa), *Sesiunea Ştiinţifică XV*, *Societatea Muzeului Ardelean – Secţia de Ştiinţe Medicale şi Farmaceutice*, Târgu-Mureş, 14-16 apr. 2005.
5. **György, É.**, Mészáros, I., Mészáros, S., Gombos, S., Szilágyi, J., Both, J.: Néhány Csíkszereda környéki borvíz higiéniai és vegyi jellemzése (Caracterizarea igienică şi chimică ale unor ape minerale din împrejurimea oraşului Miercurea-Ciuc). *Mineral waters in the Carpathian Basin. 2nd International Scientific Conference*, *Secţiunea de Ştiinţe ale Naturii*, Miercurea-Ciuc*,* 28-30 iul. 2005.
6. Máthé, I., **György, É.**, Balázs, E.: Néhány Hargita-megyei ásványvízforrás higiéniai vizsgálata (Analiza igienică a unor izvoare de ape minerale din Judeţul Harghita), *Mineral waters in the Carpathian Basin. 2nd International Scientific Conference*, Miercurea-Ciuc, 28-30 iul. 2005.
7. **György, É**., Máthé, I., Búzás, A., Kémenes, L.: Ásványvizek és kútvizek mikrobiológiai vizsgálata Hargita megyében (Microbiological analysis of mineral waters and well waters in Hargita county), *Lippay János-Ormos Imre-Vas Károly Scientific Symposium*, Budapest, 19-20 oct. 2005.
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81. Laslo, É., **György, É.**: The consequences of coliform contamination in cheese, *5th FoodConf - Conference on Food Science*, *Technology and Innovation*, Budapest, 20-21 noi. 2025.
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III. RECUNOAȘTEREA

I. Premii, distincţii.

Premiul Special al:
Fundaţiei pentru prevenirea bolilor infecţioase şi canceroase (Szeged-Budapest)
pentru lucrarea:
György, É., Máthé, I**.**, Balázs, E., Lőrinci, L.: Csíkszereda és Szentegyháza környéki ásványvizek
mikrobiológiai vizsgálata (Studiul microbiologic al apelor minerale din zona oraşelor Miercurea-Ciuc şi Vlăhiţa) prezentată în al XV-lea Sesiune Ştiinţifică a Societăţii Muzeului Ardelean, secţiunea de Ştiinţe Medicale şi Farmaceutice, Târgu-Mureş, 14-16 apr. 2005.

Premiul Special 2008 al:
Hungarian Chemical Society (member of European Association of Chemical of Molecular Sciences)
pentru lucrarea:
Harai, É., András, Cs.D., **György, É.**, Tolokán, A., Hantz, A.: Aflatoxins determination from paprika powders by HPLC using electrochemical postcolumn derivatization method. *14th International Conference of Chemistry,* Cluj-Napoca, 13-15. noi. 2008, p. 62-67.

Premierea Rezultatelor Cercetării – Articole 2012: *Unitatea Executivă pentru Finanţarea Învăţământului Superior, a Cercetării, Dezvoltării şi Inovării* pentru lucrarea: Laslo É., **György É.**, Mara Gy., Tamás É., Ábrahám B., Lányi Sz.: Screening of plant growth promoting rhizobacteria as potential microbial inoculants, *Crop Protection*, 40, 2012, p. 43-48, ISSN 0261-2194, doi:10.1016/j.cropro.2012.05. 002.

Premierea Rezultatelor Cercetării – **Articole 2021**, UEFISCDI: György É., Laslo É., Antal M., András, Cs. D.: Antibiotic resistance pattern of the allochthonous bacteria isolated from commercially available spices, *Food Science & Nutrition*, 9, 2021, p. 4551–4561. DOI: 10.1002/fsn3.2433, IF = 2,863.

Premierea Rezultatelor Cercetării – **Articole 2023**, UEFISCDI: György É., Laslo, É., Salamon, B., Antimicrobial impacts of selected Lamiaceae plants on bacteria isolated from vegetables and their application in edible films, *Food Bioscience*, 51, 2023, 102280, https://doi.org/10.1016/j.fbio.2022.102280, IF: 5,318.

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2026.10.01

Lista de lucrări

NUMELE ŞI PRENUMELE: Laslo Éva

A. Teza de doctorat.

Obținerea de biopreparate microbiene de mobilizare a substanțelor nutritive, Prof. Dr. Lányi Szabolcs, Universitatea Politehnica din Bucureşti, Facultatea de Chimie Aplicată şi Ştiinţa Materialelor, Departamentul de Chimie Analitica si Ingineria Mediului, 2012, p. 1-149.

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

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

1. **Laslo, É.,** Obținerea de biopreparate microbiene de mobilizare a substanțelor nutritive, Editura Status, Miercurea- Ciuc, 2021, pp. 200, ISBN-978-606-661-106-0.
2. **Laslo, É.,** A táplálkozástudomány alapjai (Principiile nutriției umane), Editura Status, Miercurea-Ciuc, 2021, pp. 175, ISBN-978-606-661-107-7.

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.

B5. Capitole de cărţi publicate în străinătate

1. É. György**, É. Laslo,** Fermentation - Processes, Benefits and Risks (Laranjo M. ed), IntechOpen, 2021, Capitolul: *Microbial Diversity of Traditionally Processed Cheese from Northeastern Region of Transylvania (Romania)*, pp.1-23, Online ISBN 978-1-83968-817-1, DOI: 10.5772/intechopen.97591.
2. **Laslo É.,** Mara Gy., Microbial Interventions in Agriculture and Environment *(*Singh D., Gupta V., Prabha R. eds), Vol I., Springer, Singapore, 2019, pp. 545, Capitolul: *Is PGPR an Alternative for NPK Fertilizers in Sustainable Agriculture?* pp. 51-62, ISBN 978-981-13-8391-5, DOI 10.1007/978-981-13-8391-5_3.
3. Abod É**., Laslo É**., Szentes S., Lányi S., Mara G., Plant Growth Promoting Rhizobacteria for Agricultural Sustainability (Kumar A., Meena V. eds), Springer, Singapore, 2019, pp.314, Capitolul: *Plant Growth-Promoting Bacteria: Strategies to Improve Wheat Growth and Development Under Sustainable Agriculture,* pp. 1-17, Online ISBN978-981-13-7553-8, doi.org/10.1007/978-981-13-7553-8_1.
4. **Laslo É**., György É., Ábrahám B., Mara G., Plant-Microbe Interactions in Agro-Ecological Perspectives (Singh D., Singh H., Prabha R. eds), Springer, Singapore, 2017, pp.633, Capitolul: *Bacterial Strains with Nutrient Mobilisation Ability from Ciuc Mountains (Transylvania Region, Romania*). pp. 531-548, Online ISBN 978-981-10-5813-4, doi.org/10.1007/978-981-10-5813-4_27.

B6. Capitole de cărţi publicate în ţară

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Cs. Albert, R. Szabó, **É. Laslo**, R.-V. Salamon. Effect of Blackcurrant Juice Soaking on Anthocyanin Stability,Color Development, and Quality Characteristics of Semi-Hard Ripened Cheese. *Dairy 7 (4), 66,* 2026.
2. Szabó R, Veres E, Albert C, **Laslo É**, Gyenge L, Salamon RV. Study of Different Enrichment Methods with Blackcurrant Wine and Their Effects on Hard Cheese Properties. *Dairy*. 2025; 6(6):71.
3. Héjja, M., György, É., Lóga, F. Á., Nagy, R., Pacza, T., Sipos, P., Tankó, G., **Laslo, É**., Mészáros, N., Turcuș, V., Oláh, N.-K., & Máthé, E.. Gemmotherapy Extracts Like the Dog Rose, Lingonberry, Sea Buckthorn, Blackthorn, Common Grape, Hawthorn, Raspberry and Boxwood Feature Variable Yet Excelling Antimicrobial Effects. Antibiotics, 2025, 14(10), 1052. https://doi.org/10.3390/antibiotics14101052
4. György, É.; **Laslo, É**. Microbiological Quality Assessment of Some Commercially Available Breads. *Foods* 2024, *13*, 3271.
5. Gyenge L., K. Erdő, Cs. Albert, **É. Laslo**, R-V. Salamon Effect of soaking in salted blackcurrant wine on the properties of cheese. *Heliyon*. 10 (2024) e34060 (IF=3.4)
6. Vincze É-B., Becze A., **Laslo É.**, Mara G. Beneficial Soil Microbiomes and Their Potential Role in Plant Growth and Soil Fertility. *Agriculture*. 2024; 14(1):152. https://doi.org/10.3390/agriculture14010152 (IF=3.6)
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8. É. György, **É. Laslo**, B. Salamon, Antimicrobial impacts of selected Lamiaceae plants on bacteria isolated from vegetables and their application in edible films, Food Bioscience, 51, 2023, 102280, ISSN 2212-4292, https://doi.org/10.1016/j.fbio.2022.102280 (IF = 5.318). .
9. É. György, **É. Laslo**, M. Antal, C. D., András, Antibiotic resistance pattern of the allochthonous bacteria isolated from commercially available spices, Food Sci Nutr. 9, 2021, 4551–4561. DOI: 10.1002/fsn3.2433, (IF = 3.553).
10. É. György, **É. Laslo**, IH. Kuzman, C. D., András, The effect of essential oils and their combinations on bacteria from the surface of fresh vegetables, Food Sci Nutr. 8, 2020, 5601–5611. DOI: 10.1002/fsn3.1864, (IF = 1,797).
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C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale (indicaţi şi baza de date).

1. **É. Laslo,** É. György, *A.-M. SZABÓ* Technological aspects of lactic acid bacteria originated from artisanal cheeses, Acta Univ. Sapientiae, Alimentaria, 17 (2024) 61–81 [AGRICOLA, CABI, DOAJ].
2. **É. Laslo,** É. György, M.-R. Szentpáli Stress response in bacteria originated from dairy products, Acta Univ. Sapientiae, Alimentaria, 16 (2023) 90–102[AGRICOLA, CABI, DOAJ].
3. György, É., **Laslo, É.,** Unguran K.A., Assessment of sodium chloride tolerance and antibiotic resistance of Citrobacter braakii EC-PS1 and Macrococcus caseolyticus Li-PT1 isolated from artisanal cheeses Acta Univ. Sapientiae, Alimentaria, 15, 2022, p. 94–107. DOI: https://doi.org/10.2478/ausal-2022-0008 [AGRICOLA, CABI, DOAJ]
4. György, É., **Laslo, É.,** Onodi I., Influence of milk used for cheese making on microbiological aspects of Camembert-type cheese Acta Univ. Sapientiae, Alimentaria, 14, 2021, p. 84–94. DOI:10.2478/ausal-2021-0005 [AGRICOLA, CABI, DOAJ]

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6. György, É., **Laslo, É.,** Csató, E., Antibacterial activity of plant extracts against Listeria monocytogenes isolated from ready-to-eat salads Acta Univ. Sapientiae, Alimentaria, 13, 2020, p. 131–143. DOI: 10.2478/ausal-2020-0008 [AGRICOLA, CABI, DOAJ]
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10. **É. Lasló,** É. György, Evaluation of the microbiological quality of some dairy products, Acta Universitatis Sapientiae, Alimentaria, 11, 2018, p.27−44. DOI: 10.2478/ausal-2018-0002 [AGRICOLA, CABI, DOAJ]
11. **Laslo É.,** Köbölkuti Z. A**.,** Total Phenol Content and Antimicrobial Activity of Lingonberry (*Vaccinium vitis-idaea L.*) from Several Areas in the Eastern Carpathians, Not Sci Biol, 9, 2017, 1, p.77-83. https://doi.org/10.15835/nsb9110035. [CABI, DOAJ].
12. Köbölkuti Z. A**., Laslo É.,** Total anthocyanin content of lingonberry (*Vaccinium vitis-idaea L.*) at several localities in the Eastern Carpathians (A vörös áfonya (Vaccinium vitis-idaea L.) össz-antocianin tartalma néhány állományánál a Keleti-Kárpátokban), Botanikai Közlemények (Journal of the Botanical Section of the Hungarian Biological Society), 103, 2016, 1, p.33–44, DOI: 10.17716/BotKozlem.2016.103.1.33 [Scopus-since 2016].
13. Gy. Mara, A. Becze, O. Varga, **É. Laslo**, F. Oancea, Screening of Multifunctional Bacterial Inoculants with Lignocellulose Degradation Ability for Agricultural Applications. *Studia Universitatis "Vasile Goldiş", Seria Ştiinţele Vieţii* , 26, 2016 2, pp.225-233 [*Scopus*].
14. **Laslo, É.**, György, É., Máthé, I., Mara, Gy., Tamás, É., Ábrahám, B., Lányi, Sz., Replacement of the traditional fertilizer with microbial technology: isolation and characterization of beneficial nitrogen fixing rhizobacteria, U.P.B. Sci. Bull., Series B, 73, 2011, 1, p. 109-114 [Elsevier SciencesS Bibliographic Databases, Scopus].

15. Tamás, É., Mara, Gy., **Laslo, É.,** György, É., Máthé, I., Ábrahám, B., Lányi, Sz., Microbial products as natural alternative to fertilisers: isolation and characterisation of nitrogen fixing bacteria, U.P.B. Sci. Bull., Series B*,* 72*,* 2010*,* 3, p. 137-144 [Elsevier SciencesS Bibliographic Databases, Scopus].
16. Tamás, É., Mara, Gy., **Laslo, É.,** György, É., Ábrahám, B., Lányi, Sz., Analysis of biofilm production, swarming and swimming motility of *Pseudomonas* strains, Studia UBB Chemia, 2, 2009, p. 45-52 [Thomson Reuters].
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C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1. Mészáros, S., **Laslo, É.,** Szilágyi, L., Lányi, Sz., Studiul și caracterizarea biopreparatelor bacteriene folosind curbe de aproximare a creșterii biomasei (*Baktériumos biopreparátumok tanulmányozása és jellemzése a biomassza megközelítő növekedési görbéje alapján*), Technical Review (Műszaki szemle), 59, 2012, p. 16-28.
2. **Laslo, É.,** György, É., Lányi, Sz., Növényi tápanyag mobilizáló baktériumok izolálása és jellemzése (Izolarea şi caracterizarea bacteriilor cu capacitatea de a mobiliza nutrienţi), Csíki Székely Múzeum Évkönyve, 2010, p. 501-506.
3. György, É., **Laslo, É.**, András, Cs. D., György, E. M. Studiul contaminării microbiene al unor plante condimentare uscate (Szárított fűszernövények mikrobás szennyezettségének vizsgálata), Bulletin of Medical Sciences (Orvostudományi Értesítő), 82, 2009, 2,p. 127-130.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1. György, É., **Laslo É.,** Antibiotic and chloramine resistance of Bacillus species isolated from drinking water. In: Mineral waters in Carpathian basin 17th international scientific conference, 2023, Miercurea Ciuc, . 76-86, ISBN 978-606-8951-51-5.
2. György, É., **Laslo, É.**, András, Cs.D, The effect of essential oils on foodborne pathogenic and spoilage bacteria occuring on the surface of fresh vegetables, In: Book of Proceedings Food Science Conference 2015 - Integration of science in food chain, Budapest, Noiembrie 18-19, p. 86-89, ISBN 978-963-503-603-5.
3. György, É., **Laslo, É.**, Microbiological study of some fresh vegetables, In: Book of Proceedings Food Science Conference 2013 - With research for the success of Darányi Program, Budapest, Noiembrie 7-8, p.246-249, ISBN 978-963-503-550-2.
4. **Laslo, É.,** György, É., Tamás, É., Bodor, Zs., Lányi, Sz.,The effect of beneficial bacterial strains isolated from wild plants root and rhizosphere on cultivated crops seed germination and plant growth, In: Climate change: challenges and opportunities in agriculture Agrisafe Conference, O. Veisz (Ed.), Agricultural Research Institute of the Hungarian Academy of Sciences, Budapest, 21-23 martie 2011, p. 250-254, ISBN 978-963-8351-37-1.
5. Tamás, É., Mara, Gy., **Laslo, É.,** György, É.,. Kémenes, L, Lányi, Sz., Natural alternative soil fertilization: analysis of the plant growth-promoting activity of selected soil bacteria, In: Climate change: challenges and opportunities in agriculture Agrisafe Conference, O. Veisz (Ed.), Agricultural Research Institute of the Hungarian Academy of Sciences, Budapest, 21-23 martie 2011, p. 462-465, ISBN 978-963-8351-37-1.
6. **Laslo, É.**, Salamon, R.V., György, É., Csapó, J., Microbiology qualification of the sauerkraut and variation of the vitamin C content during the fermentation (A savanyú káposzta mikrobiológiai minősítése és C vitamin tartalmának változása a

savanyítás során), 14th International Conference of Chemistry, Cluj-Napoca, 13-15. noi. 2008, p.159-163, ISSN. 1843-6293.

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

F. Brevete de invenții și alte titluri de proprietate

1. Abraham B., Lányi Sz., Mara Gy., Máthé I., Kovács E., **Laslo E.,** Orbán K.Cs., Balint E., Bodor Zs., Mészáros A., Tánczos Sz., Fejér Király G., Koncz M., Máthé L., Dobri E., Becze A., Tulpina de Bacillus sp. SZE102A utilizată în procesul de însilozare a plantelor furajere. RO 130921, BOPI nr. 12/2019 (Titular: CORAX-BIONER CEU S.A.,)
2. Abraham B., Lanyi Sz., Mara Gy., Kovács E., Orban K.Cs., **Laslo E.,** Balint E., Bodor Zs., Meszaros A., Kadar A., Sinkler R., Toro Sz., Funkenhauzer B., Becze A. Tulpina de Bacillus sp. SZX102 utilizată în procesul de însilozare a plantelor furajere. 130922 B1, RO-BOPI 12/2019, din 30.12.2019 2019 (Titular: CORAX-BIONER CEU S.A.,)
3. Abraham B., Lanyi Sz., Mathe I., **Laslo E.,** Orban K.Cs., Bodor Zs., Tanczos Sz., Fejer Király G., Koncz M., Toro Sz., Funkenhauzer B., Dobri E., Tulpină de *Lactobacillus plantarum subsp. plantarum* utilizată în procesul de însilozare a plantelor furajere (RO 130894 B1 2019) BOPI nr. 3/2019 (Titular: CORAX-BIONER CEU S.A.,)

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. Managementul Complex Al Resturilor Vegetale În Sistemele De Agricultură Conservativă (Ceres). Finanțat De Bugetul De Stat: Pniipt-Pcca-2013-4-0846, 2014-2016. Contract Ceres 159/2014 **Responsabil Proiect P2** (Valoare Totală: 1.248.132 Ron/ Valoare P2 169.350 Ron)

2. BIOPREPARATE MICROBIENE PENTRU CREŞTEREA CALITĂȚII FURAJELOR ÎNSILOZATE - SILOPREP, POS - Operaţiunea 2.1.1: Proiecte de CD în parteneriat între universităţi/institute de cercetare şi întreprinderi, POSCEE No. 565/09.09.2013. 2013-2015 **Membru -Cercetător** (valoare totală: 5.576.000 RON).

3. BIOPREPARATE MICROBIENE PENTRU CREȘTEREA PRODUCTIVITĂŢII ŞI PROTECŢIA CULTURILOR AGRICOLE /BIOPREP, POS - Operaţiunea 2.1.1: Proiecte de CD în parteneriat între universităţi/institute de cercetare şi întreprinderi, CF: 169/16.06.2010, 2010-2012. **Membru -Cercetător** (valoare totală: 4.770.186 RON

4. Elucidarea mecanismului de Reglare Fină a Răspunsului Imun în Patologia Neoplazică și Inflamatorie Umană în vederea Elaborării unor Terapii Inovative – 42-147/2008. ERIC - **Asistent de cercetare**-2008-2011.Fiantat de bugetul de stat. Programul 4 PNCDI2 (Valoare totală: 751.000 RON/ VALOARE CO 322.665 RON)

5. Programul 4 PNCDI2/ Procedeu de obtinere de bioetanol din deseuri Agroalimentare Tratate cu Enzime Termostabile Recombinante, Obținute prin Expresie Heterologa Extracelulara – 62-090/2008. Bio-DesEnEx **Asistent de cercetare**-2008-2011. Fiantat de bugetul de stat. Programul 4 PNCDI2 (Valoare totală: 753.033 RON/ VALOARE CO 351.086 RON)

6. Determinarea toleranței la condițiile de stres asociate cu producerea, prelucrarea și depozitarea caşcavalului în cazul bacteriilor patogene 2022-2023 Institutul Programelor **Membru** (VALOARE 50000 Ron).
7. Obtinerea unui aliment functional cu branzeturi si coacaze negre, Institutul Programelor de Cercetare al Univ. Sapientia 2025-2026 **Membru** (VALOARE 50000 Ron).

K. Participări la conferinţe naţionale şi internaţionale

1. György, É., **Laslo, É.**, Máthé, I., Mara, Gy., Tamás, É., Miklóssy, I., Ábrahám, B., Lányi, Sz.: Caracterizarea microbiotei fixatoare de azot a unui habitat montan responsabilă în asimilarea fosforului, *Simpozionul International CIEC*, Constanţa, 25-26 sept. 2008.
2. **Laslo, É.,** Salamon, R.V., György, É., Csapó, J.: A savanyú káposzta mikrobiológiai minősítése és C-vitamin tartalmának változása a savanyítás során (Microbiology qualification of the sauerkraut and variation of the vitamin C content during the fermentation) *14th International Conference of Chemistry, Cluj-Napoca*, 13-15. noi. 2008.
3. György, É., György, E. M., András, Cs. D., **Laslo, É**.: Szárított fűszernövények mikrobás szennyezettségének vizsgálata (Studiul contaminării microbiene al unor plante condimentare uscate), *Societatea Muzeului Ardelean – Secţia de Ştiinţe Medicale şi Farmaceutice*, Târgu-Mureş, 23-25 apr. 2008.
4. Tamás, É., Mara, Gy**., Laslo, É.,** György, É., Máthé, I., Ábrahám, B., Lányi, Sz.: Alternative fertilizer method by microbial technology. II. Identification and characterisation of nitrogen fixing bacteria, *16th Romanian International Conference on Chemistry and Chemical Engineering,* Sinaia, 9-12 sept. 2009.
5. **Laslo, É**., György, É., Máthé, I., Mara, Gy., Tamás, É., Ábrahám, B., Lányi, Sz.: Replacement of the traditional fertilizer with microbial technology: isolation and characterisation of beneficial nitrogen fixing rhizobacteria, *16th Romanian International Conference on Chemistry and Chemical Engineering,* Sinaia, 9-12 sept. 2009.
6. **Laslo, É.,** György, É., Máthé, I., Mara, Gy., Tamás, É., Ábrahám, B., Lányi, Sz.: Mikrobiális technológia alkalmazása: izolált nitrogénfixáló baktériumok szervetlen foszfát szolubilizálásának és sziderofor termelő képességének vizsgálata (Aplicarea tehnologiei microbiene: solubilizarea fosforului anorganic şi producerea de siderofori de către bacterii fixatoare de azot izolate), *15th International Conference of Chemistry,* Târgu-Mureş, 12-15 noi. 2009.
7. Mara, Gy., Szentes, S., György, É., **Laslo, É.,** Lányi, Sz.: Planktonikus és biofilmképző *Rhizobium* törzsek membránproteinjeinek összehasonlító vizsgálata (Comparaţia proteinelor membranale a formelor planctonice şi sesile de *Rhizobium sp., 15th International Conference of Chemistry,* Târgu-Mureş, 12-15 noi. 2009.
8. Tamás, É., Mara, Gy., **Laslo, É.,** György, É., Ábrahám, B., Lányi, Sz.: *Pseudomonas* törzsek biofilm termelésének és mozgásképességének vizsgálata (Analiza formării de biofilme şi mobilitatea bacteriilor (swarming, swimming) la tulpinile bacteriene de *Pseudomonas), 15th International Conference of Chemistry,* Târgu-Mureş, 12-15 noi. 2009.
9. Mara, Gy., Székely, B., György, É., **Laslo, É.**, Lányi, Sz.: Caracterizarea bacteriilor fixatoare de azot privind capacitatea formării de biofilme şi mobilitatea bacteriană în vederea obţinerii unor biopreparate fertilizatoare, *Zilele Facultăţii de Inginerie Chimică şi Protecţia Mediului, Iaşi*, 18-20 noi. 2009.
10. Tamás, É., Mara, Gy., **Laslo, É**., György, É., Lányi, Sz.: Szerves nitrogén és foszfor mobilizáló talajbaktériumok szelektálása biopreparátum előállítása céljából (Selectarea bacteriilor mobilizatoare de azot şi fosfor organic în scopul obţinerii de biopreparate), *Műszaki kémiai napok (Zilele chimiei industriale)*, Veszprém, 27-29 apr. 2010.
11. **Laslo, É.,** György, É., Mara, Gy., Lányi, Sz.: Effect of some environmental factors on selected bacteria isolated for microbial inoculants, *International Conference Mineral Resources and Environment*, Baia-Mare, 28-30 oct. 2010.
12. **Laslo, É.,** György, É., Mara, Gy., Szentes, S., András, Cs., Lányi, Sz.: Biopreparátumok előállítására alkalmazható baktériumok foszfor mobilizálása különböző szervetlen foszfát vegyületekből (Phosphorus mobilization from different inorganic phosphates by bacteria proposed for biofertilizer, *16th International Conference of Chemistry*, Cluj-Napoca, 11-14. noi. 2010.
13. Szentes, S., **Laslo, É**., Tamás, É., Mara, Gy., György, É., Lányi, Sz.: Különböző talajbaktériumok enzimtermelésének és membránprotein-profiljának vizsgálata (Studying differently localized enzymes

and outer membrane protein profile of beneficial soil bacteria), *Societatea Muzeului Ardelean – Conferinţa Ştiinţifică Anuală*, *Secţiunea de Ştiinţe ale Naturii,* Cluj-Napoca, 20. noi. 2010.

14. **Laslo, É.**, György, É., Tamás, É., Bodor, Zs., Lányi, Sz.: The effect of beneficial bacterial strains isolated from wild plants root and rhizosphere on cultivated crops seed germination and plant growth, *Agrisafe Conference*, Budapest, 21-23 március 2011, p. 250-254.
15. **Laslo, É.**: The management of n and p nutrition of plants using nitrogen fixing and phosphorus solubilizing bacteri, *6th International Conference on Environmental Engineering and Management ICEEM 06*, Balatonalmádi, 1-4 September 2011,
16. Szentes, S., Mara, Gy., **Laslo, É.**, Tamás, É., Lányi, Sz., Radu, G.-L.: Preliminary Data On Borsáros Raised Bog Natural Reserve Bryophyte Associated Microbiota, *17th Romanian International Conference on Chemistry and Chemical Engineering,* Sinaia, 7-10 sept. 2011.
17. **Laslo, É.**: Tápanyagmobilizáló baktériumok szerepe a fenntartható mezőgazdaságban, *Magyar Tudomány Ünnepe*, Csíkszereda, 2012 november 10.
18. **Laslo, É.,** György, É., Mara, Gy., Ábrahám, B.: Növény növekedést serkentő talajbaktériumok szerepe a tápanyagok körforgásában, *18th International Conference of Chemistry,* Félixfürdő, 2012. november 22-25.
19. György, É., **Laslo, É.**: Kenyéren előforduló élelmiszermegbetegedést okozó mikroorganizmusok vizsgálata, *XXIII. Tudományos Ülésszak,* Székelyudvarhely, 2013. április 11–13.
20. Tamás, É., **Laslo, É.**, Mara, Gy., Lányi, Sz.: Bacterial decomposition of organic matter, *18th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, September 4-7, 2013,
21. György, É, **Laslo, É.**: Microbiological study of some fresh vegetables, *Food Science Conference 2013- With research for the success of Darányi Program*, Noiembrie 7-8, Budapest.
22. Mara, Gy., **Laslo, É.**, Szentes, S., Tamás, É., György, É., Máthé, I., Ábrahám, B., Lányi, Sz.: Növény-baktérium kooperáció és a vegyi kapcsolatok szerepe, alkalmazásának lehetőségei a fenntartható mezőgazdaságban, *19th International Conference of Chemistry*, Baia Mare, 21-24. noi. 2013.
23. Becze, A., Funkenhauzer B., **Laslo, É.**, Mara, Gy., Lányi, Sz., Ábrahám, B.: Beneficial bacterial strains originated from different type of silages, Simpozion internațional, Prioritățile Chimiei Pentru o Dezvoltare Durabilă - PRIOCHEM – X,București, 30-31. oct. 2014.
24. Mara, Gy., **Laslo, É.**, Becze, A., Salamon, R.V., Lányi, Sz., Ábrahám, B.: Strukturális szénhidrátbontás silóból származó baktériumok esetében, *20th International Conference of Chemistry*, Cluj-Napoca, 6-9. noi. 2014.
25. **Laslo, É.**, Mara, Gy., Funkenhauzer, B., Dobri., E., A., Salamon, R.V., Lányi, Sz., Ábrahám, B.: Tejsavbaktériumok szerepe a takarmányok tartósításában, *20th International Conference of Chemistry*, Cluj-Napoca, 6-9. noi. 2014.
26. Becze, A., Funkenhauzer, B., **Laslo, É**., Mara, Gy.: Tejsav és strukturális szánhidrátbontó baktériumok szerepe a takarmányok tartósításában, *Magyar Tudomány Ünnepe*, Csíkszereda, 21 noi. 2014.
27. Mara, Gy**.,** Becze, A., **Laslo, E**.: BIOLOG and 16S rDNA sequence analysis of silage bacteria: a comparative study. 15th International Symposium and Summer School on Bioanalysis, Marosvásárhely, 13–18 Július 2015
28. György, É., **Laslo, É.**, András, Cs.D: The effect of essential oils on foodborne pathogenic and spoilage bacteria occuring on the surface of fresh vegetables, *Food Science Conference 2015 - Integration of science in food chain,* Budapest, Noiembrie *18-19*.
29. György, É., **Laslo, É**., András, Cs. D., Kuzman I. H.: Növényi illóolajok hatása friss zöldségekről izolált baktériumokra, *Societatea Muzeului Ardelean – Secţia de Ştiinţe Medicale şi Farmaceutice*, Târgu-Mureş, 20-23 apr. 2016.
30. **Laslo, É.:** Tejsavbaktériumok szerepe a silózás folyamatában, *Magyar Tudomány Ünnepe*, Csíkszereda, Sapientia EMTE, 10 noi. 2017.
31. **Laslo, É.:** Tejsavbaktériumok szerepe a takarmányok tartósításában, *Kutassunk együtt!*,Tudományos konferencia, Csíkszereda, Sapientia EMTE,27 noi. 2017
32. **Laslo, É. Szabó, A-M.:** Starterkultúrák szerepe és tulajdonságaik, *Őshonos- és tájfajták - ökotermékek – egészséges táplálkozás – vidékfejlesztés minőségi élelmiszerek – egészséges környezet: az agrártudományok és a vidékfejlesztés kihívásai a XXI. században.* II. Tudományos konferencia, Nyíregyháza, 03-05 oct. 2018.
33. György, **É., Laslo**, É., Antal, M.: Microbiological quality of some spices and antibiotic resistance of bacterial isolates, Third International Conference on Food Science and Technology, Budapest, 29 nov. - 01 dec. 2018.
34. **Laslo Éva**, György Éva: Élelmiszereken előforduló baktériumok antibiotikumokkal szembeni érzékenysége Mezőgazdasági és Élelmiszer Mikrobiológia Videókonferencia 2021 január 26, Csíkszereda – Debrecen.

35. György Éva, **Laslo Éva**, Antal Márta,: Fűszernövények mikrobiológiai szennyezettségének és az izolált allochton baktériumok illóolajokkal szembeni érzékenységének vizsgálata, Mezőgazdasági és Élelmiszer Mikrobiológia Videókonferencia 2021 január 26, Csíkszereda – Debrecen
36. **Laslo Éva**, György Éva, Károly-Arnold Unguran: Food associated stress tolerance of allochthonous bacteria with antibiotic resistance originated from dairy products, 4th FoodConf - International Conference on Food Science and Technology 10 - 11 June 2022, Budapest.
37. **Laslo Éva**, György Éva, Károly-Arnold Unguran: Food associated stress tolerance of antibiotic resistant bacteria isolated from dairy products5th ISEKI-Food E-conference 23 – 25 November, 2022, online.
38. András, Cs.D., György, É., **Laslo, É.,** Unguran, K.A.: Sajtokban előforduló baktériumok antibiotikum rezisztenciája és tartósítószerekkel szembeni toleranciája (Antibiotic resistance and food preservative tolerance of bacteria strains originated from cheese), *XXIX. Nemzetközi Vegyészkonferencia* (29th International Conference on Chemistry), Târgu Mureș, 25-28.10.2023.
39. **LASLO Éva**, CSATÓ-KOVÁCS Erika, SÁNDOR Szilárd, LEN Henrietta *A tej táplálkozásbiológiai jelentősége a fizikai-kémiai tulajdonságai függvényében (The nutritional importance of milk according to its physico-chemical properties*) *XXX. Nemzetközi Vegyészkonferencia* (30th International Conference on Chemistry), Cluj-Napoca, 23–26 octombrie, 2024.
40. GYENGE László, SZABÓ Renáta, VERES Erika, ALBERT Csilla, **LASLO Éva**, SALAMON Rozália-Veronika, Feketeribizli borban áztatott és érlelt kemény sajtok tulajdonságainak vizsgálata (The effects of soaking in blackcurrant wine on the properties of cheese) *XXX. Nemzetközi Vegyészkonferencia* (30th International Conference on Chemistry), Cluj-Napoca, 23–26 octombrie, 2024.
41. **Laslo Éva** A sajtkészítés mikrobiológiája, Böjti Csemege – Kárpát-medencei sajtmustra 2025. április 11-12, Csíkszereda.
42. **Éva Laslo** Éva György: Foodborne Pathogens in Cheese: Their Origins, Risks, and One Health Relevance. 2 nd Debrecen Online Conference on Infectious Diseases in a One Health Context (DOCIDOH) 18th -20th June, 2025 – Online.
43. Rozalia-Veronika Salamon , Renáta Szabó , László Gyenge , Csilla Albert , Éva Molnos , Melinda Tamás , **Éva Laslo** , Éva György , Sándor Gombos , Csaba Dezső András: Investigation of the Soaking of Matured Semi-hard Cheeses in Blackcurrant Wine or in Natural Blackcurrant Juice2 nd Debrecen Online Conference on Infectious Diseases in a One Health Context (DOCIDOH) 18th -20th June, 2025 – Online.
44. **Laslo Éva**, György Éva Consequences of *Coliform* Contamination of Cheeses, 5th FoodConf - International Conference on Food Science and Technology 20 - 21 November 2025, Budapest.
45. Csaba Dezső András, Renáta Szabó, László Gyenge, Csilla Albert, Éva Molnos1, Melinda Tamás, **Éva Laslo,** Éva György, Sándor Gombos, Rozália-Veronika Salamon, Properties of Hard Cheese Soaked and Matured in Blackcurrant Wine, 5th FoodConf - International Conference on Food Science and Technology 20 - 21 November 2025, Budapest.
46. **Éva Laslo** Éva György, Erika Fülöp. Food safety issues in cheese production: the prevalence and survival of *Escherichia coli.* 3d Debrecen Online Conference on Infectious Diseases in a One Health Context (DOCIDOH26) 11-13 May 2026 – Online.

III. RECUNOAȘTEREA

I. Premii, distincţii.

1. Bursa pentru profesori tineri 2017/2018 acordat de Ministerul Resurselor Umane al Ungariei și Institutul Balassi.
2. Premierea Rezultatelor Cercetării – Articole 2012: Unitatea Executivă pentru Finanţarea Învăţământului Superior, a Cercetării, Dezvoltării şi Inovării pentru lucrarea: Laslo É., György É., Mara Gy., Tamás É., Ábrahám B., Lányi Sz.: Screening of plant growth promoting rhizobacteria as potential microbial inoculants, Crop Protection, 40, 2012, p. 43-48, ISSN 0261-2194, doi:10.1016/j.cropro.2012.05.002.

3. Premierea Rezultatelor Cercetării – Articole 2021, UEFISCDI: György É., Laslo É., Antal M., András, Cs. D.: Antibiotic resistance pattern of the allochthonous bacteria isolated from commercially available spices, Food Science & Nutrition, 9, 2021, p. 4551–4561. DOI: 10.1002/fsn3.2433, IF = 2,863.
4. Bursa pentru profesori tineri 2021/2022 acordat de Ministerul Resurselor Umane al Ungariei și Tempus Public Foundation.

J. Citări

Citări Google Scholar
Citări: 625
h-index=12

Data, **Semnătura,**

02.09.2026

Lista publicaţiilor

Numele şi prenumele: Mihok (Dobri) Emőke

A. Teza de doctorat:

Titlul: Investigarea efectelor bioactive ale extractelor vegetale într-un model translațional și în nutriția larvelor de pește (*Növényi extraktumok bioaktív hatásainak vizsgálata transzlációs modellben és halivadék-takarmányozásban; Investigation of the Bioactive Effects of Plant Extracts in a Translational Model and in Fish Larval Nutrition*), Universitatea din Debrecen, Școala Doctorală de Științe Zootehnice, Debrecen, **2025**, p. 1–183.

Conducătorii: Dr. Máthé Endre, Prof. Dr. György Éva

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.
B2. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în ţară, la edituri recunoscute CNCSIS/CNCS.

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Héjja, M., **Mihok, E.**, Alaya, A., Jolji, M., György, É., Mészáros, N., Turcuș, V., Oláh, N.K., Máthé, E.: Specific Antimicrobial Activities Revealed by Comparative Evaluation of Selected Gemmotherapy Extracts, MDPI, *Antibiotics-Basel*, **2024**, 13(2), 181, ISSN: 2076-6382, DOI:10.3390/antibiotics13020181 – (Q1:4,6 IF).
2. Alaya, A., **Mihok, E.**, Pecsenye, B., Jolji, M., Kertész, A., Bársony, P., Vigh, S., Cziáky, Z., Máthé, A. B., Burtescu, R. F., Oláh, N. K., Neamtu, A. A., Turcuș, V., Máthé, E.: Phytoconstituent profiles associated with relevant antioxidant potential and variable nutritive effects of the olive, sweet almond, and black mulberry gemmotherapy extracts, MDPI, *Antioxidants*, **2023**, 12(9), 1717, ISSN: 2076-3921, DOI: 10.3390/antiox12091717 – (Q1: 6,313 IF).
3. Téglás, T., Mihok, E., Cziáky, Z., Oláh, N. K., Nyakas, C., Máthé, E.: The flavonoid rich black currant (*Ribes nigrum*) ethanolic gemmotherapy extract elicits neuroprotective effect by preventing microglial body swelling in hippocampus and reduces serum TNF-alfa level: pilot study, MDPI, *Molecules*, **2023**, 28(8), 3571, ISSN: 1420-3049, DOI: 10.3390/molecules28083571 – (Q1: 4,927 IF).
4. Neamtu, A.A., Szoke-Kovacs, R., **Mihok, E.**, Georgescu, C., Turcus, V., Olah, N.K., Frum, A., Tita, O., Neamtu, C., Szoke-Kovacs, Zs., Cziaky, Z., Mathe, E.: Bilberry (*Vaccinium myrtillus* L.) extracts comparative analysis regarding their phytonutrient profiles, antioxidant capacity along with the in vivo rescue effects tested on a *Drosophila melanogaster* high-sugar diet model, *MDPI, Antioxidants*, **2020**, 9(11), 1067**,** ISSN: 2076-3921, DOI:10.3390/antiox9111067 – (Q1:6,313 IF).

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale

1. Laslo, É., György, É., **Mihok, E.,** Antal M.: Evaluation of the microbiological quality of some fresh dairy products with Soleris® Automated System, *Acta Universitatis Sapientiae, Alimentaria*, 12, **2019**, p. 80-93, ISSN 1844-7449, DOI:10.2478/ausal-2019-0006.
2. Laslo, É., Mara, Gy., Funkenhauzer, B., **Dobri, E.**, Salamon, R.V., Lányi, Sz., Ábrahám, B., Isolation and screening of lactic acid bacteria from naturally fermented sources with high biotechnological potential, *Studia UBB Chemia*, 60, **2015**, 4, p. 95- 106, ISSN 1224 -7154 – (IF2015=0,148).

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

1. **Mihok, E.**, György, É., Máthé, E.: The Carpathian lingonberry, raspberry and blackberry fruit extracts feature variable antimicrobial efficiency strength, *Acta Agraria Debreceniensis*, **2019**, 1, p. 27-32, ISSN 1587-1282, DOI: 10.34101/actaagrar/1/2365.
2. András, Cs.D., Salamon, B., György, É., **Mihok, E.**, Szép, A.: Essential oil extraction from herbs and their use in the food industry, *Acta Agraria Debreceniensis*, 150th Anniversary Issue, **2018**, p. 59-74, ISSN 1587-1282.

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

1. András Cs. D., Salamon R.V., Volf, I., Barabás I., **Dobri, E.**, Szép Al. S.**:** A kinyerési módszer befolyása a vadkömény-illóolaj kihozatalára és főkomponenseire (The Effect of Extraction Methods on Caraway Essential Oil Yield and Composition) - (Influenţa metodelor de extracţie asupra gradului de extracţie şi a componenţilor majori din uleiul volatil de chimen sălbatic) *Műszaki Szemle (Technical Review),* 65, 13.07.**2015**, p. 3-9, ISSN 1454-0746.

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

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C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1. Mátyás, L., **Mihok, E.,** Máthé, I.: Ásványkoncentráció dinamikája álló és folyóvízben, *A Kárpát-medence ásványvizei – XX. Nemzetközi Tudományos Konferencia*, PRO-PRINT Könyvkiadó, Csíkszereda, **2026**, p. 140 –148. ISBN: 978-606-556-207-3.
2. **Mihok, E.,** András, Cs. D., Szép, S.: Mennyire természetes a palackozott „természetes ásványvíz”? – A szén-dioxid útja a természetes forrásoktól a modern élelmiszeriparig, *A Kárpát-medence ásványvizei – XX. Nemzetközi Tudományos Konferencia*, PRO-PRINT Könyvkiadó, Csíkszereda, **2026**, p. 38–47. ISBN: 978-606-556-207-3.
3. **Mihok, E.:** A palackozott természetes ásványvizek kémiai és érzékszervi jellemzői: fogyasztói szempontok és elektronikus vizsgálati lehetőségek, *A Kárpát-medence ásványvizei – XX. Nemzetközi Tudományos Konferencia*, PRO-PRINT Könyvkiadó, Csíkszereda, **2026**, p. 50–56. ISBN: 978-606-556-207-3.
4. **Mihok, E.**, Héjja, M., György, É., Máthé, E.: Növényi extraktumok szerepe a halivadék-takarmányfejlesztésben: antimikrobiális és nutritív értékek vizsgálata transzlációs modellrendszerrel (*Plant extracts in fish larval feed development: antimicrobial and nutritional evaluation using a translational model system*), *XXXI. Nemzetközi Vegyészkonferencia* (*31st International Conference on Chemistry*), Erdélyi Magyar Műszaki Tudományos Társaság (EMT), Sibiu, 23-25.10.**2025**, p. 19. ISSN: 2734-7109.
5. **Mihok, E.**: Különböző eredetű vizek kémiai és érzékszervi jellemzői (*Chemical and sensory characteristics of waters of different origins*), *XXXI. Nemzetközi Vegyészkonferencia* (*31st International Conference on Chemistry*), Erdélyi Magyar Műszaki Tudományos Társaság (EMT), Sibiu, 23-25.10.**2025**, p. 72. ISSN: 2734-7109.
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8. **Mihok, E.:** Magas antioxidáns tartalmú joghurtok, In: *Kutassunk együtt!*, szerk. Kósa István, Tódor Imre, Presa Universitară Clujeană, Kolozsvár, **2019**, p. 17.
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10. Téglás, T., Cziáky, Z., Mihok, E., Oláh, N. K., Máthé, E., Nyakas, C.: A funkcionális táplálkozás nyomában: a fekete ribizli (*Ribes nigrum*) kivonat analitikai elemzése és hatása az LPS indukálta gyulladásos folyamatokra felnőtt patkányokban, *IV. Sporttudományi PhD Szimpózium* – Program és absztraktfüzet, Testnevelési Egyetem, Budapest, 15-16.04.**2019**, p. 15-16.
11. András, C.D., Molnos, É., **Mihok, E.**, Albert, C., Héjja, M., Mátyás, L.: Effects of solvent and pretreatment on the extraction kinetics of anthocyanins from blackcurrant peel residue, Abstract Book Foodconf Science, *Technology and Innovation*, 29.11-01-12.**2018**, p. 40–41. ISBN: 9789632697949.
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13. **Mihok, E.**, Máthé, E., Molnos, É., György, É.: Székelyföldön termő erdei bogyós gyümölcsök antimikrobiális hatásának vizsgálata. *Őshonos- és Tájfajták – Ökotermékek – Egészséges táplálkozás – Vidékfejlesztés – Minőségi élelmiszerek – Egészséges környezet: Az agrártudományok és a vidékfejlesztés kihívásai a XXI. században - Tudományos konferencia*, Nyíregyházi Egyetem Műszaki és Agrártudományi Intézet, Nyíregyháza, 03-05.10.**2018**, p. 108. ISBN: 978-615-5545-81-8.
14. **Mihok, E.**, Albert, Cs., Molnos, É., Gyenge, Sz., András, Cs.D.: A fekete ribiszkében (*Ribes nigrum* L.) található antociánok Soxhlet-extrakciós kinetikájának vizsgálata (*Kinetic study of Soxhlet extraction of anthocyanins from blackcurrant* (*Ribes nigrum* L.)) *XXIV. Nemzetközi Vegyészkonferencia* (*24th International Conference on Chemistry*), Erdélyi Magyar Műszaki Tudományos Társaság (EMT), Cluj-Napoca, **2018**, p. 107. ISSN 1843-6293.
15. András, C. D., Salamon, B., György, É., **Mihok, E.,** Szép, A.: Fűszernövények illóolaj-kinyerése és élelmiszeripari alkalmazása, In: *Tiszántúli Agrártudományi Napok a debreceni agrár-felsőoktatás 150. évfordulójára*, Debreceni Egyetem Mezőgazdaság-, Élelmiszertudományi és Környezetgazdálkodási Kar, Debrecen, **2018**, p. 1.

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

F. Brevete de invenţii şi alte titluri de proprietate

1. Abraham B., Lanyi Sz., Mathe I., Laslo E., Orban K.Cs., Bodor Zs., Tanczos Sz., Fejer Király G., Koncz M., Toro Sz., Funkenhauzer B., **Dobri E.**, Tulpină de *Lactobacillus plantarum* subsp. *plantarum* utilizată în procesul de însilozare a plantelor furajere (RO 130894 B1 2019) BOPI nr. 3/**2019** (Titular: CORAXBIONER CEU S.A.,)
2. Abraham B., Lanyi Sz., Mara Gy., Mathe I., Kovacs E., Laslo E., Orban K.Cs., Balint E., Bodor Zs., Meszaros A., Tanczos Sz., Fejer Király G., Koncz M., Máthé L., **Dobri E.**, Becze A., Tulpina de *Bacillus* sp. SZE102A utilizată în procesul de însilozare a plantelor furajere. RO 130921, BOPI nr. 12/**2019** (Titular: CORAXBIONER CEU S.A.,)

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. BIOPREPARATE MICROBIENE PENTRU CREȘTEREA CALITĂȚII FURAJELOR ÎNSILOZATE - SILOPREP, POS - Operaţiunea 2.1.1: Proiecte de CD în parteneriat între universităţi/institute de cercetare şi întreprinderi, POSCEE No. 565/09.09.2013. 2013-2015 **Membru -Cercetător** (valoare totală: 5.576.000 RON).

K. Participări la conferinţe naţionale şi internaţionale

1. Mátyás, L., **Mihok, E.,** Máthé, I.: Ásványkoncentráció dinamikája álló és folyóvízben, *A Kárpát-medence ásványvizei – XX. Nemzetközi Tudományos Konferencia*, Csíkszereda, 27–28.08.**2026**.
2. **Mihok, E.,** András, Cs. D., Szép, S.: Mennyire természetes a palackozott „természetes ásványvíz"? – A szén-dioxid útja a természetes forrásoktól a modern élelmiszeriparig, *A Kárpát-medence ásványvizei – XX. Nemzetközi Tudományos Konferencia*, Csíkszereda, 27–28.08.**2026**.
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4. **Mihok, E.,** Héjja, M., György, É., Máthé, E.: Növényi extraktumok szerepe a halivadék-takarmányfejlesztésben: antimikrobiális és nutritív értékek vizsgálata transzlációs modellrendszerrel (Plant extracts in fish larval feed development: antimicrobial and nutritional evaluation using a translational model system), *XXXI. Nemzetközi Vegyészkonferencia, (31st International Conference on Chemistry), Sibiu*, 23-25.10.**2025**.
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6. Héjja, M., **Mihok, E.**, György, É., Máthé, E.: Rügyalapú növényi kivonatok antimikrobiális hatásának vizsgálata (Investigation of the antimicrobial effects of bud-based plant extracts*), II. Magyar Agrártudományi Doktoranduszok Szimpóziuma,* Budapest,16.02.**2024**.
7. Héjja, M., **Mihok, E.**, Alaya, A., Oláh, N. K., György, É., Máthé, E.: Gemmoterápiás extraktumok analitikai és mikrobiológiai vizsgálata (Analytical and microbiological examination of gemmotherapy extracts*), XXIX. Nemzetközi Vegyészkonferencia, (29th International Conference on Chemistry), Tărgu Mureş*, 25-28.10.**2023**.
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10. **Mihok, E.,** Borsos, D., György, É., Máthé, E.: Magas antioxidáns tartalmú joghurtok, *„Kutassunk együtt" című Tudományos Konferencia,* Miercurea Ciuc, 22.11.**2019**.
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18. András, Cs.D. Salamon, B., György, É., **Mihok, (D). E.,** Szép, A.: Fűszernövények illóolaj-kinyerése és élelmiszeripari alkalmazása. (Essential oil extraction from herbs and their use in the food industry), *Tiszántúli Agrártudományi Napok Tudományos Konferencia*, Debrecen, 06.09.**2018**.
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21. Laslo, É., Mara, Gy., Funkenhauzer, B., **Dobri., E.**, A., Salamon, R.V., Lányi, Sz., Ábrahám, B.: Tejsavbaktériumok szerepe a takarmányok tartósításában, *XX.. Nemzetközi vegyészkonferencia (20th International Conference of Chemistry)*, Cluj-Napoca, 6-9.11.**2014**.

Data

Miercurea Ciuc, 28.09.2026 Mihok Emőke

LISTA PUBLICAŢIILOR

Numele şi prenumele: Dr. ing. MOLNOS ÉVA

A. Teza de doctorat

Titlul: *Obţinerea hidrogenului prin procese de fermentaţie*
Conducătorul: Prof. dr. ing. Ovidiu Muntean
Instituţia: Universitatea Politehnica din Bucureşti, Facultatea de Chimie Aplicată şi Ştiinţa Materialelor
Calificativul obţinut: Excelent

B. Cărți și capitole de cărți

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

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

1. Szép Sándor, **Molnos Éva**, Gyenge László, Salamon Rozália Veronika: *Általános élelmiszeripari technológia*. Editura Cermi, Iasi, **2024**, p. 294, ISBN 978-973-667-469-3.

2. Szép Alexandru, **Molnos Éva**, András Csaba Dezső: *Élelmiszeripari műveletek és berendezések – Tervkészítési útmutató*. Editura Scientia, Cluj Napoca, **2021**, p. 319, ISBN 978-606-975-055-1.

3. Szép Alexandru, András Csaba Dezső, **Molnos Éva**: *Transzportfolyamatok és művelettan – Laboratóriumi útmutató.* Editura Scientia, Cluj Napoca, **2020**, p. 208, ISBN 978-606-9750-35-3 (606-9750-35-7).

4. Csapó János, Gombos Sándor, György Éva, **Molnos Éva**, Szép Alexandru (ed.): *Diplomadolgozat készítési útmutató*. Editura Cermi, Iași, **2018**, p. 169, ISBN 9789736674587.

5. Szép Alexandru, **Molnos Éva**, András Csaba Dezső: *Transzportfolyamatok és művelettan II. Művelettan – Jegyzet*. Editura Cermi, Iași, **2017**, p. 379, ISBN 978-973-667-457-0.

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

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

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B5. Capitole de cărţi publicate în străinătate

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B6. Capitole de cărţi publicate în ţară

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C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. András Csaba Dezső, **Molnos Éva**, Mátyás László, Szép Alexandru, New Fitting Method for Vapour-Liquid Equilibrium Data and its Application for Ethanol-Water Distillation Process Modeling, *Revista de Chimie*, 71(7), **2020**, 114-125. https://doi.org/10.37358/RC.20.7.8219

2. Nyilasi Andrea**, Molnos Éva**, Lányi Szabolcs, Nagy Iosif, Rákhely Gábor, Kovács Kornél Lajos, Photofermentative production of hydrogen from organic acids by the purple sulfur bacterium *Thiocapsa roseopersicina, International Journal of Hydrogen Energy,* 38/14, 5535-5544, **2013**, ISSN 0360-3199.

3. **Harai (Molnos) Éva,** Szilveszter Szabolcs, Ábrahám Beáta, Nagy Iosif, Lányi Szabolcs, Muntean Ovidiu**,** Biohydrogen production with photosynthetic bacteria, *Studia Universitatis Babeş-Bolyai Seria Chemia*, Special Issue 2, 61-68, **2009**, ISSN 1224-7154.

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale

4. Orbán Csongor, Kis Éva, Albert Csilla, **Molnos Éva**, Antioxidant capacity of blackcurrant (*Ribes nigrum* L.) leaves and buds, *Acta Universitatis Sapientiae, Alimentaria*, 14, 117–129, **2021**, DOI: 10.2478/ausal-2021-0007. CAB Abstract.

5. **Molnos Éva,** Vajda Zita, Determination of drying parameters of carrot pomace, *Acta Universitatis Sapientiae, Alimentaria*, 12, 70–79, **2019**, ISSN 1844-7449. AGRICOLA, CAB Abstracts; EBSCO; FSTA; etc.

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7. **Harai (Molnos) Éva**, Kapás Árpád, Lányi Szabolcs, Ábrahám Beáta, Nagy Iosif, Muntean Ovidiu, Biohydrogen production by photofermentation of lactic acid using *Thiocapsa roseopersicina, UPB Scientific Bulletin Series B: Chemistry And Materials Science*, 72/2, 151-160, **2010**, ISSN 1454-2331.

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9. **Molnos Éva**, Laczkó Izabella, Bodor Zsolt, The results of a questionnaire on the guidelines, directions and strategies in modern teaching, *Educaţia omului de azi pentru lumea de mâine*

[Human education today for tomorrow's world], 12, 17-22, Editura Pro Universitaria, Bucureşti, Noi. **2015**, ISSN 1843-9985.

10. Bodor Zsolt, Laczkó Izabella, **Molnos Éva**, Molnos Sándor, Biology and chemistry courses in the „Other type of school week", *Universitatea din Oradea: Educaţia omului de azi pentru lumea de mâine [Human education today for tomorrow's world],* 11, 26-30, Editura ProUniversitaria, Bucureşti, **2014**, ISSN 1843-9985.

11. György Éva, **Harai Éva**, András Csaba Dezső, Tolokán Antal, Hantz András, Mikotoxinogén penészgombák vizsgálata és az általuk termelt mikotoxinok analitikai kimutatása fűszerekből és takarmányokból [Studiul micromicetelor micotoxinogene şi determinarea analitică a micorâtoxinelor din condimente şi furaje; Study of mycotoxicogenic moulds and analytical determination of their mycotoxins from spices and forages], *Orvostudományi Értesítő [Buletin de Ştiinţe Medicale; Bulletin of Medical Sciences]*, 81/4, 275-278, **2008**, ISSN 1453-0953.

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

12. **Molnos Éva,** Ábrahám Beáta, Mészáros Sándor, Muntean Ovidiu, Lányi Szabolcs, Hidrogén - a jövő energiája [Hidrogenul - energia viitorului; Hydrogen - the future energy], *A Csíki Székely Múzeum Évkönyve [Anuarul Muzeului Secuiesc al Ciucului]*, 505-514, **2010**, ISSN 1841-0197.
13. Tamás Melinda, Gáspár András, Füstös Zoltán, **Molnos Éva**, Aplicarea subproduselor alimentare în dezvoltarea cornului laminat pufos, *Brutarul-Cofetarul*, **2026**. 05. 28., www.brutarul.ro

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

14. András Csaba Dezső, Mátyás László, **Molnos Éva**, Salamon Rozália Veronika, Szép Alexandru, Gagyi Renáta, Paraméterezett gőz-folyadék egyensúlyi függvények alkalmazása élelmiszeripari desztillációs számításokban. In: Majdik Kornelia (ed.): *XXIX. Nemzetközi Vegyészkonferencia*, Marosvásárhely, EMT, **2023**, pp. 26–26., ISSN 1843-6293.

15. András Csaba Dezső, Mátyás László, **Molnos Éva**, Szép Sándor, Salamon Rozália, Rektifikáló oszlop tányérszámának meghatározása inflexiós azeotróp elegyekre. In: Majdik Kornelia (ed.): *XXVIII. Nemzetközi Vegyészkonferencia*, Kolozsvár, EMT, **2022**, pp. 22–22., ISSN 1843-6293.

16. Mihok Emőke, György Éva, **Molnos Éva**, Máthé Endre, Székelyföldön termő erdei bogyós gyümölcsök antimikrobiális hatásának vizsgálata. In: Tóth Csilla (ed.): *Őshonos- és tájfajták – Ökotermékek – Egészséges táplálkozás – Vidékfejlesztés – Minőségi élelmiszerek – Egészséges környezet: Az agrártudományok és a vidékfejlesztés kihívásai a XXI. században*, Nyíregyháza, Nyíregyházi Egyetem Műszaki és Agrártudományi Intézet, **2018**, pp. 379–386.

17. Harai Éva, András Csaba Dezső, György Éva, Tolokán Antal, Hantz András, Aflatoxinok folyadék-kromatográfiás meghatározása fűszerpaprikából oszlop utáni elektrokémiai származékképzéssel [Aflatoxins determination from paprika powders by HPLC using

electrochemical postcolumn derivatization method], *14th International Conference of Chemistry,* Cluj-Napoca, 13-15. noi. 2008, p. 62-67. Incitato, Cluj-Napoca, **2008**, ISBN 18436293.

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

–

E. Editare, coordonare de volume

György Éva (editor executiv și de subiect), **Molnos Éva** (editor asistent **din 2019**), Albert Csilla (editor de subiect), Salamon Rozália Veronika (editor de subiect), Laslo Éva, Csapó János, Szép Alexandru, etc.: *Acta Universitatis Sapientiae, Seria Alimentaria,* International Scientific Journal of Sapientia University, Cluj Napoca, ISSN 2066-7744 (online version), ISSN 1844-7449 (printed version), ISSN-L 1844-7449; https://acta.sapientia.ro/en/series/alimentaria.

F. Brevete de invenții și alte titluri de proprietate

–

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

Titlul temei	Perioada	Finanţator	Calitatea în cadrul echipei
Obţinerea unui aliment funcţional cu brânzeturi şi coacăze negre [Funkcionális élelmiszer előállítása feketeribizli és sajtok felhasználásával]	2025-2026	Institutul Programelor de Cercetare al Universităţii Sapientia din Cluj-Napoca	membru
Producerea biohidrogenului prin procese de fermentaţie [Biohidrogén előállítása fermentációs eljárásokkal]	2009-2011	Institutul Programelor de Cercetare al Universităţii Sapientia din Cluj-Napoca	membru
Sistem bioinformatic bazat pe inteligenţa artificială pentru monitorizarea sistemului imunitar în corelaţie cu procesele metabolice din organismul uman (MONIMUN) PNCDI2, Programul 4: Parteneriate în domeniile prioritare (Nr. contract: 62073/2008)	2008-2011	Ministerul Educaţiei, Cercetării şi Inovării	membru
Elucidarea mecanismului de reglare fină a răspunsului imun în patologia neoplazică şi inflamatorie umană, în vederea elaborării unor terapii inovative (ERIC) PNCDI2, Programul 4: Parteneriate în domeniile prioritare (Nr. contract: 42147/2008)	2008-2011	Ministerul Educaţiei, Cercetării şi Inovării	membru
Procedeu de obţinere de bioetanol din deşeuri agroalimentare tratate cu enzime termostabile recombinante, obţinute prin expresie heterologă extracelulară (BIODESENEX)	2008-2011	Ministerul Educaţiei, Cercetării şi Inovării	membru

PNCDI2, Programul 4: Parteneriate în domeniile prioritare (Nr. contract: 62090/2008)			
Reproiectarea specificităţii enzimatice prin evoluţie dirijată: elaborarea unei serin proteaze specifice pentru clivarea C-terminală a fosfotirozinei (PHOSPHOTYRASE) PNCDI2, Programul 4: Parteneriate în domeniile prioritare (Nr. contract: 61027/2007)	2007-2010	Ministerul Educaţiei, Cercetării şi Inovării	membru
Inoculanţi microbieni pentru sisteme de agricultură durabilă (MIMOSA) PNCDI, Programul 4: Parteneriate în domeniile prioritare (Nr. contract: 31048/2007)	2007-2010	Ministerul Educaţiei, Cercetării şi Inovării	membru
Tehnologii pentru producerea de alimente cu conţinut optim de seleniu (TOPAS) PNCDI, Programul 4: Parteneriate în domeniile prioritare (Nr. contract: 61022/2007)	2007-2010	Ministerul Educaţiei, Cercetării şi Inovării	membru

H. Creaţia artistică

H1. Participări la manifestaţii artistice internaţionale

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H2. Participări la manifestaţii artistice naţionale

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H3. Expoziţii, filme, spectacole, concerte, discuri de autor, opere internaţionale

–

H4. Expoziţii, filme, spectacole, concerte, discuri de autor, opere naţionale

–

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

–

III. RECUNOAŞTEREA

I. Premii, distincţii.

- ***Premiul Special 2008*:** *Hungarian Chemical Society (member of European Association of Chemical and Molecular Sciences)* pentru lucrarea: **Harai É.**, András Cs.D., György É., Tolokán A., Hantz A.: Aflatoxins determination from paprika powders by HPLC using electrochemical postcolumn derivatization method. *14th International Conference of Chemistry*, Cluj Napoca, 13-15. noi. 2008, p. 62-67.
- ***Premierea Rezultatelor Cercetării – Articole 2013*:** *Unitatea Executivă pentru Finanţarea Învăţământului Superior, a Cercetării, Dezvoltării şi Inovării* pentru lucrarea: Nyilasi A., **Molnos É.**, Lányi Sz., Nagy I., Rákhely G., Kovács K.L., *Photofermentative production of hydrogen from organic acids by the purple sulfur bacterium Thiocapsa roseopersicina.* In:

International Journal of Hydrogen Energy, vol. 38, 2013, p. 5535-5544. (DOI: 10.1016/j.ijhydene.2013.02.084)

J. Citări

2. Nyilasi Andrea, **Molnos Éva**, Lányi Szabolcs, Nagy Iosif, Rákhely Gábor, Kovács Kornél Lajos, Photofermentative production of hydrogen from organic acids by the purple sulfur bacterium *Thiocapsa roseopersicina*, *International Journal of Hydrogen Energy*, 38/14, **2013**, 5535-5544, ISSN 0360-3199.

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c.2. Genç, Ş., Koku, H., A preliminary techno-economic analysis of photofermentative hydrogen production. *International Journal of Hydrogen Energy*, 52. (**2024**) 212–222.

c.3. Akaniro, I. R., Oladipo, A. A., Onwujekwe, E. C., Metabolic engineering approaches for scale-up of fermentative biohydrogen production–A review. *International Journal of Hydrogen Energy*, 52. D. (**2024**) 240–264.

c.4. Anshuman, R., et al., Hydrogen economy and storage by nanoporous microalgae diatom: special emphasis on designing photobioreactors. *International Journal of Hydrogen Energy*, 47. 100. (**2022**) 42099–42121.

c.5. Zhang, Q., et al., Research progress of additives in photobiological hydrogen production system to enhance biohydrogen. *Bioresource Technology.* (**2022**) 127787.

c.6. Fan, J., et al., Enhancing cofactor regeneration of cyanobacteria for the light-powered synthesis of chiral alcohols. *Bioorganic Chemistry*, 118. (**2022**) 105477.

c.7. Wang, B., Sun, B., Zhu, X., Yan, Z., Liu, Y., Liu, H., Liu, Q., Hydrogen production from alcohol solution by microwave discharge in liquid. *International Journal of Hydrogen Energy*, 41. 18. (**2016)** 7280–7291. ISSN 0360-3199.

c.8. Xian-Yang, S., Wen-Wei L., Han-Qing, Y., Key parameters governing biological hydrogen production from benzoate by *Rhodopseudomonas capsulata. Applied Energy*, 133. (**2014**) 121–126. ISSN 0306-2619.

c.9. Tengölics, R., Mészáros, L., Győri, E., Doffkay, Zs., Kovács, K. L., Rákhely, G., Connection between the membrane electron transport system and Hyn hydrogenase in the purple sulfur bacterium, *Thiocapsa roseopersicina* BBS. *Biochimica et Biophysica Acta* (BBA) - *Bioenergetics*, 1837. 10. (**2014**) 1691–1698. ISSN 0005-2728.

c.10. Nyilasi, Andrea. *Fotobiohidrogén termelésében szerepet játszó enzimek bioszintézise és metabolikus kontextusa*. Doctoral dissertation, Szegedi Tudományegyetem. (**2014**).

4. Orbán Csongor, Kis Éva, Albert Csilla, **Molnos Éva**, Antioxidant capacity of blackcurrant (*Ribes nigrum* L.) leaves and buds, *Acta Universitatis Sapientiae, Alimentaria*, 14, 117–129, **2021**, DOI: 10.2478/ausal-2021-0007. CAB Abstract.

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c.4. Alerić, J., *Optimizacija ekstrakcije fenolnih spojeva iz lista borovnice primjenom ultrazvuka* [*Optimization of the extraction of phenolic compounds from blueberry leaves using ultrasound* (Doctoral dissertation)]. University of Zagreb, Faculty of Food Technology and Biotechnology, Department of Food Technology Engineering. (**2025**).

c.5. Coman, O. A., Smeu, A., Moacă, A., Muntean, D., Vlase, A. M., Vlase, L., ... & Tchiakpe-Antal, D. S., Phytochemical characterization and biological evaluation of *Ribes nigrum* leaf extracts: A study of aqueous and butanolic fractions. *Medicine in Evolution*, 31. 3. (**2025**) 269–280.

5. **Molnos Éva,** Vajda Zita, Determination of drying parameters of carrot pomace, *Acta Universitatis Sapientiae, Alimentaria*, 12, 70–79, **2019**, ISSN 1844-7449.

c.1. Rutyna, A., Galus, S., Valorisation of carrot pomace for novel crispbread development using the potential of chia seeds (*Salvia hispanica* L.) as a texturising agent. *Food Chemistry*. (**2025**) 146761.

c.2. Bajraktari, F., Stamatovska, V., Nakov, G., Lukinac, J., Kalevska, T., Nedelkoska, D. N., Sensory characteristics of muffins enriched with carrot and beetroot by-products. *Journal of Hygienic Engineering & Design*, 47. (**2024**)

c.3. Stamatovska, V., Stojanovska, T., Delinikolova, E., Ristevska, K. T., Application of carrot pomace in the food industry – a review. *KNOWLEDGE-International Journal*, 63. 3. (**2024**) 281–288.

c.4. Kwofie, A. S., Turkson, J. A., Sensory evaluation and acceptability of vegetable biscuit. *Journal of Food Technology and Preservation,* 7. 3. (**2023**) 6–23.

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c.6. Luca, M., Iuga, M., Mironeasa, S., The Effects of Drying Methods on the Characteristics of Carrot Pomace - A Minireview. *J. Agroaliment. Processes Technol*., 27. 1. (**2021**) 21–26.

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7. **Harai (Molnos) Éva**, Kapás Árpád, Lányi Szabolcs, Ábrahám Beáta, Nagy Iosif, Muntean Ovidiu, Biohydrogen production by photofermentation of lactic acid using *Thiocapsa roseopersicina*, *UPB Scientific Bulletin Series B: Chemistry And Materials Science*, 72/2, **2010**, p. 151–160.

c.1. Tiang, M. F., et al., Impact of light spectra on photo-fermentative biohydrogen production by *Rhodobacter sphaeroides* KKU-PS1. *Bioresource Technology*, 394. (**2024**) 130222.

c.2. Bosu, S., Natarajan, R., Influence of nanomaterials in biohydrogen production through photo fermentation and photolysis - Review on applications and mechanism. *International Journal of Hydrogen Energy*, 52. C. (**2024**) 61–79.

c.3. Jain, A., et al., Biohydrogen Production Technologies: Current Status, Challenges, and Future Perspectives. *Production Technologies for Gaseous and Solid Biofuels*. (**2022**) 115–168.

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c.5. Ross, B. S., Pott, R. W.M., Hydrogen production by immobilized *Rhodopseudomonas palustris* in packed or fluidized bed photobioreactor systems. *International Journal of Hydrogen Energy*, 46. 2. (**2021**) 1715–1727.

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c.7. Tiang, M. F., Hanipa, M. A. F., Abdul, P. M., Jahim, J. M., Mahmod, S. S., Takriff, M. S., Lay, C.-H., Reungsang, A., Wu, S.-Y., Recent advanced biotechnological strategies to enhance photo-fermentative biohydrogen production by purple non-sulphur bacteria: An overview. *International Journal of Hydrogen Energy*, 45. 24. (**2020**) 13211–13230.

c.8. Mirza, S. S., Qazi, J. I., Liang, Y., Chen, S., Growth characteristics and photofermentative biohydrogen production potential of purple non sulfur bacteria from sugar cane bagasse. *Fuel*, 255. (**2019**) 115805.

c.9. Das, D., Varanasi, J. L., Fundamentals of Biofuel Production Processes. CRC Press. (**2019**).

c.10. Samson, S. K., Ramaswamy, M. T., Optimization of Microbial Hydrogen Production from Maize Stalk Using an Isolated Strain. *Iranian Journal of Chemistry and Chemical Engineering* (IJCCE) 36. 3. (**2017**) 173–181.

c.11. Samson, S. K., Optimization of microbial hydrogen production using statistical experimental design from maize stalk by isolated strain. *Indian Journal of Chemical Technology* (IJCT) 23. 5. (**2016**) 368–373.

c.12. Azwar, M. Y., Hussain, M. A., Abdul-Wahab, A. K., Development of biohydrogen production by photobiological, fermentation and electrochemical processes: A review. *Renewable and Sustainable Energy Reviews,* 31. (**2014**) 158–173.

8. **Molnos Éva,** Nyilasi Andrea, Rákhely Gábor, Muntean Ovidiu, Kovács Kornél L., Photofermentative production of hydrogen by *Thiocapsa roseopersicina* from simple organic substrates, *Hungarian Journal of Industrial Chemistry*, 38/2, **2010**, p. 115-121.

c.1. Nyilasi, A., Fotobiohidrogén termelésében szerepet játszó enzimek bioszintézise és metabolikus kontextusa (Doctoral dissertation, SZTE). (**2014**).

c.2. Nyilasi, A., **Molnos, É.**, Lányi, Sz., Nagy, I., Rákhely, G., Kovács, K.L., Photofermentative production of hydrogen from organic acids by the purple sulfur bacterium *Thiocapsa roseopersicina. International Journal of Hydrogen Energy*, 38. (**2013)** 5535–5544.

11. György Éva, **Harai Éva**, András Csaba Dezső, Tolokán Antal, Hantz András, Mikotoxinogén penészgombák vizsgálata és az általuk termelt mikotoxinok analitikai kimutatása fűszerekből és takarmányokból, In: *Orvostudományi Értesítő (Bulletin of Medical Sciences)*, 81/4, 275-278, **2008**, ISSN 1453-0953.

c.1. Nyéki Ágnes, Peles Ferenc Árpád, Győriné Mile Irma, A penészgombák szaporodására és mikotoxin termelésére ható tényezők a gabona tárolása során, és a megjelenő törzsek azonosítási módszerei. *Acta Agraria Debreceniensis*, 48. (**2012)** ISSN 1587-1282. (https://dea.lib.unideb.hu/dea/bitstream/handle/2437/164137/file_up_Nyeki_Agnes_cikk.pdf?sequence=1&isAllowed=y)

K. Alte realizări semnificative - Participări la conferinţe naţionale şi internaţionale

1. <u>András Csaba Dezső</u>, Mátyás László, Salamon Rozália-Veronika, **Molnos Éva**, Szép Alexandru, 100 years of distillation modeling. Enhancement of the McCabe-Thiele concept using generalized vapour-liquid equilibria (VLE). *FoodConf 5th International Conference on Food Science, Technology & Innovation*, 2025/11/20–2025/11/21, Budapest (Ungaria).
2. <u>András Csaba Dezső</u>, Szabó Renáta, Gyenge László, Albert Csilla, **Molnos Éva**, Tamás Melinda, Laslo Éva, György Éva, Gombos Sándor, Salamon Rozália Veronika, Properties of hard cheese soaked and matured in blackcurrant wine. *FoodConf 5th International Conference on Food Science, Technology & Innovation*, 2025/11/20–2025/11/21, Budapest, Ungaria. {poster}
3. Ungvári Boróka, **<u>Molnos Éva</u>,** A pörkölt kávé fizikai és organoleptikus tulajdonságainak vizsgálata a pörkölési körülmények és a származási hely függvényében [Effects of roasting conditions and coffee origin on the physical and organoleptic properties of roasted coffee]. *XXXI. Nemzetközi Vegyészkonferencia [Conferința Internațională de Chimie, ediția XXXI.]*. 2025/10/24, Sibiu. {poster}
4. Szabó Renáta, <u>Gyenge László</u>, Albert Csilla, **Molnos Éva**, Tamás Melinda, Laslo Éva, György Éva, Gombos Sándor, András Csaba Dezső, Salamon Rozália Veronika, Investigation of the soaking of maturated semi-hard cheeses in blackcurrant wine or in natural blackcurrant juice. *2nd Debrecen Online Conference on Infectious Diseases in a One Health context* (DOCIDOH), 2025/06/18–2025/06/20, Debrecen/online, Ungaria.
5. <u>András Csaba Dezső</u>, Mátyás László, Salamon Rozália Veronika, **Molnos Éva**, Szép Alexandru, Distillation process shortcut modeling based on vapour-liquid equilibria (VLE) fitting. *BioSysFoodEng 6th International Conference on Biosystems and Food Engineering*, 2025/06/06, Budapest, Ungaria. {poster}

6. András Csaba Dezső, Gagyi Renáta Irén, Mátyás László, Salamon Rozália Veronika, **Molnos Éva**, Szép Alexandru, Egyensúlyi görbék digitalizálása rektifikáló-oszlop számítása céljából. *15. Matematika és Informatika Alkalmazásokkal Konferencia*, Sapientia EMTE, Csíkszereda, 2025/11/15-17.
7. András Csaba Dezső, Gagyi Renáta Irén, Mátyás László, Salamon Rozália Veronika, **Molnos Éva**, Szép Alexandru, Relatív illékonyság függvények alkalmazása élelmiszeripari desztillációs számításokban (Application of relative volatility functions for distillation calculations in food industry). *XXX. Nemzetközi Vegyészkonferencia* / *30th International Conference on Chemistry* / *Conferința Internațională de Chimie, ediția al XXX-lea*, 2024/10/23–2024/10/26, Cluj Napoca, România.

8. András Csaba Dezső, Gagyi Renáta, Mátyás László, Salamon Rozália Veronika, **Molnos Éva**, Szép Alexandru, Paraméterezett gőz-folyadék egyensúlyi függvények alkalmazása élelmiszeripari desztillációs számításokban (Parametrized vapour-liquid equilibia functions as useful tool in food industrial distillation). *XXIX. Nemzetközi Vegyészkonferencia* / *International Conference on Chemistry, 29th edition* / *Conferința Internațională de Chimie, ediția al 29-lea*, 2023/10/25–2023/10/28, Târgu Mureș, România.

9. András Csaba Dezső, Mátyás László, **Molnos Éva**, Salamon Rozália Veronika, Szép Alexandru, Rektifikáló oszlop tányérszámának meghatározása inflexiós azeotróp elegyekre (Determination of distillation column equilibrium tray number for azeotrope mixtures with inflection). *XXVIII. Nemzetközi Vegyészkonferencia* / *28th International Conference on Chemistry* / *Conferința Internațională de Chimie, ediția al 28-lea*, 2022/10/27–2022/10/29, Oradea, România.

10. András Csaba Dezső, Mátyás László, **Molnos Éva**, Salamon Rozália Veronika, Szép Alexandru, Desztillációs egyensúlyi egységszám analitikus meghatározása etanol-víz elegyre (Analytical determination of distillation equilibrium tray number for ethanol-water mixture). *XXVII. Nemzetközi Vegyészkonferencia* / *27th International Conference on Chemistry* / *Conferința Internațională de Chimie, ediția al 27-lea*, 2021/10/29–2021/10/29, Online, România.

11. András Csaba Dezső, **Molnos Éva,** Mátyás László, Szép Alexandru, Desztilláció modellezésére alkalmas új korrelációs függvények azeotróp elegyek gőz-folyadék egyensúlyi görbéire (New correlation functions of VLE-curves of azeotropic mixtures for distillation modelling purposes). *XXVI. Nemzetközi Vegyészkonferencia - Online megszervezésben* / *26TH International Conference on Chemistry - Online* / *Conferința Internațională de Chimie, ed. 26 - Online*, 2020/10/30–2020/10/30, Online, România.

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23. **Harai (Molnos) Éva**, Kapás Árpád, Ábrahám Beáta, Lányi Szabolcs, Nagy Iosif, Muntean Ovidiu, Biohydrogen production by photofermentation of lactic acid using *Thiocapsa roseopersicina*. *16th Romanian International Conference on Chemistry and Chemical Engineering / RICCCE16 / RICCCE16*, 2009/09/09–2009/09/12, Sinaia, România.

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25. **Harai Éva**, György Éva, András Csaba Dezső, Mikotoxinogén penészgombák vizsgálata és az általuk termelt mikotoxinok analitikai kimutatása fűszerekből és takarmányokból. *Erdélyi Múzeum-Egyesület - XVIII. Tudományos Ülésszak, Orvos- és Gyógyszertudományi Szakosztály (Societatea Muzeului Ardelean)*, 2008/05/01–2008/05/03, Oradea, România.

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Dr. ing. Molnos Éva

I. LISTA COMPLETĂ DE PUBLICAŢII, CREAŢII, INVENŢII

NUMELE ŞI PRENUMELE: Salamon Rozália Veronika

A. Teza de doctorat.

A Székelyföldön előállított tej és tejtermékek előállítási körülményeinek hatása a zsírsav-összetételre, különös tekintettel a konjugált linolsavra (The effect of production parameters on fatty acid composition, mainly on the conjugated linoleic acid content of milk and dairy products, manufactured in Sekler's county.), Dr. János CSAPÓ, University of Kaposvár, Faculty of Animal Science, Institute of Chemistry, Department of Biochemistry and Food Chemistry.

B. Cărti publicate

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

1. Csapó, J., **Salamon, R.V**.: *Tejipari technológia és minőségellenőrzés (Tehnologia şi controlul calităţii produselor lactate)*, Editura Scientia Kiadó, Cluj, 2006, ISBN 973-7953-68-1, 160. p.

2. Biró, G., **Salamon, R.V.**: *Élelmiszer-biztonság (Siguranţa alimentară)*, Editura Scientia Kiadó, Cluj, 2009, ISBN 978-973-1970-15-8, 202 p.

3. **Salamon R.V.**, Szép Al.: *Élelmiszeripari technológia számítások I. Anyag és energiamérlegek (Calcule tehnologice din industria alimentară I. Bilanţuri de masă şi energie)*, Editura Cermi, Iași, 2013, ISBN 978-973-667-390-0, 210 p.

4. **Salamon R.V.**: *Tej és tejtermékek előállítási körülményeinek hatása a zsírsav-összetételre és konjugáltlinolsavra (Influenţa condiţiilor de obţinere a laptelui şi produselor lactate asupra conţinutului de acizi graşi şi a acidului linoleic conjugat)*, Editura Cermi, Iași, 2014, ISBN 978-973-667-391-7, 85 p.

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7. Szép S. Molnos É. Gyenge L., **Salamon R.V.**, *Általános élelmiszeripari technológia*, Cermi, Iași, 2024, pag. 294, ISBN 978-973-667-469-3

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Laslo, É., György, É., Mara, Gy., Szentes, S., **Salamon, R.V.,** András, Cs.D., Lányi, Sz.: The management of N and P nutrition of plants using nitrogen fixing and phosphorus solubilizing bacteria. *Environmental Engineering and Management Journal,* 11, 2, 2012, ISSN: 1582-9596, p. 371-375.
2. Benedek, T., Máthé, I., **Salamon, R.**, Rákos, Sz., Pásztohy, Z., Márialigeti, K., Lányi, Sz.: Potential bacterial Soil inoculant made up by *Rhodococcus sp.* and *Pseudomonas sp*. for remediation in situ of hydrocarbon- and heavy metal polluted soils. *Studia Universitatis Babes-Bolyai, Seria Chemia.* 3, 2012*,* ISSN (print): 1224-7154. ISSN (online): 2065-9520. p. 199-213.

3. **Salamon, R.V.**, Vargáné Visi, É., András, Cs.D., Csapó Kiss, Zs. Csapó, J.: Synthetic methods to obtain conjugated linoleic acids (CLAs) by catalysis, *Acta Alimentaria,* 44, 2, 2015, ISSN (online): 1588-2535, p. 229-234

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5. **András, C.D**., Salamon, R.V., Barabás, I., Volf, I., Szép, A. (2015). Influence of extraction methods on caraway (*Carum carvi* L.) essential oil yield and carvone/limonene ratio. *Environmental Engineering & Management Journal*, *14* (2), 2015, p. 341-347. (IF 1,008)
6. Laslo, É., Mara, Gy. Funkenhauser, B., Dobri, E., **Salamon, R.V.,** Lányi, Sz., Abraham, B.: Isolation and screening of lactic acid bacteria from naturally fermented sources with high biotechnological potentia.l *Studia Universitatis Babes-Bolyai, Seria Chemia*, 60, 4, 2015,p. 95-106.

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1. Csapó, J., Csapóné Kiss, Zs., Vargáné Visi, É., Albert, Cs., **Salamon, R.V.**: Különböző technológiával készült sajtok összes szabad és szabad D-aminosav tartalma (Total free and free D-aminoacid content of cheeses produced by different technologies). *Acta Agraria Kaposváriensis*, 9, 2, 2005, ISSN: 14181789, p. 61-71. (CABI Database)
2. **Salamon, R.V.**, Csapó, J., Vargáné Visi, É., Csapó-Kiss, Zs., Altorjai, A., Győri, Z., Sára, P., Lóki, K., Albert, Cs.: A tej zsírsavösszetételének és konjugált linolsav-tartalmának változása az évszakok szerint (The influence

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4. **Salamon, R.V.**, Szakály, S., Szakály, Z., Csapó, J.: Konjugált linolsav (CLA)-tejtermékek- humánegészség. 2. CLA tejtermékekben és egyes élelmiszerekben. (Conjugated linoleic acid (CLA)- Dairy products – Human Health. 2. CLA in dairy produscts and different foods). *Journal of the Academic Hungarian Dairying* (*Tejgazdaság*), 65, 2005, ISSN: 1219-3224, p. 14-21, (DSA, CABI Database)
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7. **Salamon, R.V.**, Lóki, K., Salamon, Sz., Sára, P., Albert, B., Mándoki, Zs., Csapóné Kiss, Zs., Győri, A., Győri, Z., Csapó J.: Changes in the fatty acid composition of different milk products caused by different technology, *Agriculture*, 13, 1, 2007, ISSN: 1330-7142, p.189-191. (CABI Database, Referativny Zhurnal, Agricola)
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13. **Salamon, R.V.**, Varga-Visi, É., Csapó-Kiss, Zs., Győri, A., Győri, Z., Csapó, J.: The influence of the season on the fatty acid composition and conjugated linoleic acid content of the milk. *Acta Universitatis Sapientiae, Alimentaria*, 2. 1, 2009, ISSN 1844-7449, p. 89-100. (CABI Database, Global Health)
14. **Salamon, R.V.**, Mándoki, Zs., Csapó-Kiss, Zs., Győri, A., Győri, Z., Csapó, J.: Changes in fatty acid composition of different milk products caused by different technology. *Acta Universitatis Sapientiae, Alimentaria*, 2. 1, 2009, ISSN 1844-7449, p. 101-109. (CABI Database, Global Health)
15. **Salamon, R.V.,** Salamon, Sz., Csapó-Kiss, Zs., Csapó, J.: Composition of mare's colostrum and milk. I. Fat content, fatty acid composition and vitamin contents. *Acta Universitatis Sapientiae, Alimentaria*, 2. 1, 2009, ISSN 1844-7449, p. 119-131. (CABI Database, Global Health)
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20. Varga-Visi, É., Süli, Á., Csapó-Kiss, Zs., Béri, B., **Salamon, R.V.**, Lóki K., Csapó, J.: Colostrum of current and rare cattle breeds: fatty acid pattern. *Acta Universitatis Sapientiae, Alimentaria*. 2011, ISSN 1844-7449, p. 5-17. (CABI Database, Global Health)
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32. András, Cs.D., Szép, Al. , **Salamon, R.V.**: Az előkezelési mód hatása a szárított vadkömény illóolaj kivonására, 19th International Conference of Chemistry**,** Baia Mare, 2013. noi. 21-24, ISSN: 1843-629, p. 96.
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G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

Nr.crt	Titlul temei/ director sau membru	Program	Anul	Valoare
1.	Obţinerea unui produs funcţional prin adaos de trilinoleat conjugat produs prin semisinteză, http://www.sapientia.ro/data/cercetare/granturi-PUC-2011-2012.pdf/ Nr. de înreg:IPC: 1/22/05.01.2012, Nr. de înreg. Univ. Sap.: 5/22/05.01.2012 Nr. de înreg. IPC: 59/9/08.11.2012 Nr. de înreg. Univ. Sap.: 614/9/08.11.2012 Nr. de înreg. IPC: 2/10/21.01.2014 Nr. de înreg. Univ. Sap.: 34/10/21.01.2014 /DIRECTOR	Institutul Programelor de Cercetare al Univ. Sapientia	2011-2014	10000 Eur
2.	Extracţia acidului tartric din subprodusele vinicole prin metode ecologice Nr. de înreg: E/CS/426/25.03.2003 /MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2002-2003	6.720 Eur
3.	Determinarea cantităţii de D-aminoacizi a laptelui şi a produselor lactate, Nr. de înreg: 1325/05.10.2004, 1283/25.10.2005, 1034/15.10.2006/MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2004-2007	6214 Lei+ 4680 Eur
4.	Variaţia compoziţiei laptelui de mamă în funcţie de nutriţie având în vedere conţinutul de acid linoleic conjugat, trans acizi graşi, macro şi microelemente, colesterină, carbamidă, Nr. de înreg:649/01.12.2007, 212/32/13.04.2009/ MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2007-2009	20800 Lei
5.	Conţinutul de seleniu a alimentelor provenite din Secuime Nr. înreg. IPC: 48/4/09.04.2010, Univ. Sap.: 211/4/09.04.2010, IPC: 34/5/22.03.2011, Univ. Sap.: 126/5/22.03.2011. /MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2009-2011	45000 Lei
6.	Studiul păduchilor de plante şi prădătorii lor în diferite chemotipuri de *Tanacetum vulgare* http://www.sapientia.ro/data/cercetare/granturi-PUC-2011-2012.pdf Nr. înreg.: IPC: 1/13/05.01.2012 Univ. Sap.: 5/13/05.01.2012 IPC: 59/1/08.11.2012 Univ. Sap.: 614/1/08.11.2012/MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2011-2014	10000 Eur
7.	Cercetări interdisciplinare privind valorificarea energetica a subproduselor din industria laptelui (VESPIL) contract: 31-096/ 2007/MEMBRU	PNCDI II	2007-2010	
8.	Tehnologii innovative de conservare şi utilizare a bacteriilor lactice probiotice cu performante biotehnologice superioare pentru cresterea sigurantei alimentare (INCTEC) contract 61-001/2007/MEMBRU	PNCDI II	2007-2010	
9.	Tehnologie şi echipament pentru pasteurizarea laptelui şi a smântânii în câmp de microunde (MICROPAST) Contract nr. 88/25.09.2007/MEMBRU	INOVARE	2007-2009	
10.	Tehnologii innovative de fabricare a produselor lactate funcţionale în condiţii de siguranţă alimentară (INOVATEC) Contract nr. 89/25.09.2007/MEMBRU	INOVARE	2007-2009	

11.	Creşterea competitivităţii produselor lactate sinbiotice fabricate la SC Lactis SRL– ODORHEIU SECUIESC prin îmbunătăţirea calităţii laptelui materie primă şi optimizarea şi dezvoltarea activităţii de marketing Contract nr. 98/28.09.2007/MEMBRU	INOVARE	2007-2009	
12.	Tehnologii pentru producerea de alimente cu conţinut optim de seleniu (TOPAS) Contract nr. 61-022 / 14.09.2007/MEMBRU	PNCDI II	2007-2010	2078000 RON
13.	Sistem informatic de monitorizare si control a staţiilor de epurare a apelor uzate prin utilizarea sistemelor distribuite Multi-Agent şi a unor algoritmi avansaţi de reglare automată (AICSYS) Contract nr. 30/24.09.2007/MEMBRU	INOVARE	2007-2009	
14.	Aplicarea tehnologiilor de preeurare a apelor uzate în reţeaua de calanizare (ATARC)- Contract nr. 25/24.09.2007/MEMBRU	INOVARE	2007-2009	
15.	Inoculanţi microbieni pentru pentru sisteme de agricultură durabilă (MIMOSA)- Contract nr. 31-048/14.09.2007/MEMBRU , perioada 2013-2015	PNCDI II	2007-2010	
16.	Conceperea, realizarea şi experimentarea unui sistem performant de transfer a oxigenului în reactoare biologice aerate (TEOFIT) Contract nr. 21/21.09.2007/MEMBRU	INOVARE	2007-2009	
17.	Biopreparate microbiene pentru creşterea calităţii furajelor insilozate- Contract nr.: 565/09.09.2013/MEMBRU	POS CCE- Axa 2	2013-2015	
18.	Obtinerea unui aliment functional cu branzeturi si coacaze negre/DIRECTOR	Institutul Programelor de Cercetare al Univ. Sapientia	2025-2026	50000 lej

III. RECUNOAŞTEREA

I. Premii, distincţii

Premiul special al Asociaţiei Maghiare Tehnico-Ştiinţifică din Transilvania în cadrul XII-a Conferinţă Internaţională de Chimie, 2006, Cluj

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Lista publicaților

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 și 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.

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III. RECUNOAȘTEREA

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1. KLENÁNCZ-NAGY, Patricia. Természetes méz fizikai és kémiai paramétereinek vizsgálata hőkezelés hatására. 2024. PhD Thesis. Magyar Agrár-és Élettudományi Egyetem.
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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

Lista publicaţiilor

Numele şi prenumele: Füstös Zoltán

A. Teza de doctorat

Titlul: *Étkezési paprika (Capsicum annuum L. var. Grossum) tenyészthető endofita baktériumainak biodiverzitása és kolonizációjuk modellezése. (Biodiversitatea bacteriilor endofitice cultivabile din ardeiul dulce (Capsicum annuum L. var. grossum) şi modelarea colonizării lor.)* DOI: 10.14751/SZIE.2017.011
Conducători: Dr. Maráz Anna, CSc
Dr. Belák Ágnes, PhD
Instituţia: Hungarian University of Agriculture and Life Sciences, Institute of Food Science and Technology, Dep. of Microbiology, Hygiene and Safety
Calificativul obţinut: summa cum laude

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate

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

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

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

B5. Capitole de cărţi publicate în străinătate

B6. Capitole de cărţi publicate în ţară

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

Jribi, Sarra ; Antal, Otilia Tamara ; Molnár, Helga ; Adányi, Nóra ; **Füstös, Zoltán** ; Naár, Zoltán ; Kheriji, Oussema ; Amara, Hajer ; Debbabi, Hajer
Sprouting bioprocess as a sustainable tool for enhancing durum wheat (*Triticum durum*) nutrients and bioactive compounds
NORTH AFRICAN JOURNAL OF FOOD AND NUTRITION RESEARCH 4 : 7 pp. 252-259. , 8 p. (**2020**) ISSN 2588-1582

Füstös, Z ; Belák, Á ; Maráz, A
Colonization ability of *Escherichia coli* and *Listeria monocytogenes* in the endosphere of sweet pepper (*Capsicum annuum* var. *grossum*)
ACTA ALIMENTARIA: AN INTERNATIONAL JOURNAL OF FOOD SCIENCE 46 : 4 pp. 481-491. , 11 p. (**2017**), ISSN 0139-3006.

Belák, Á ; Héher, B ; **Füstös, Z** ; Kovács, M ; Maráz, A
Endophytic bacteria from Capsicum annuum var. grossum cultivars and their inhibitory effects on Listeria monocytogenes
ACTA ALIMENTARIA: AN INTERNATIONAL JOURNAL OF FOOD SCIENCE 43 : Suppl. 1 pp. 9-20. , 12 p. (**2014**), ISSN 0139-3006

Füstös, Zoltán ; Belák, Ágnes ; Ferdes, Mariana ; Dr. Maráz, Anna
Isolation and identification of probiotic lactic acid bacteria and examination of their tolerance against stress factors
STUDIA UNIVERSITATIS BABES-BOLYAI SERIA CHEMIA 54 : Special Issue pp. 31-43., 3 p. (**2010**), ISSN 1224-7154

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior)

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

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior
Tamás Melinda, Gáspár András, **Füstös Zoltán**, Molnos Éva, Aplicarea subproduselor alimentare în dezvoltarea cornului laminat pufos, *Cofetarul Brutarul [Revista brutarilor, cofetarilor, patisierilor și morarilor]*, 28.05.**2026**, link: https://brutarul.ro/aplicarea-subproduselor-alimentare-in-dezvoltarea-cornului-laminat-pufos/

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

Proiect de master:

- Tema lucrării: *Izolarea, identificarea și studiul viabilității bacteriilor lactice probiotice libere și încapsulate în diferite condiții de stres.*

Îndrumători ştiinţifici: S.l. dr. Mariana FERDEȘ, conf. dr. ing. Anicuța STOICA, conf. dr. ing. Marta STROESCU
Anul absolvirii: 2011, Universitatea Politehnica din Bucureşti

Proiect de licență:

- Tema lucrării: *Tehnologia de obţinere a laptelui degresat, pasteurizat.*

Îndrumători ştiinţifici: ing. Salamon Rozália Veronika
Anul absolvirii: 2009, Universitatea Politehnica din Bucureşti

E. Editare, coordonare de volume

F. Brevete de invenţii şi alte titluri de proprietate

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

Titlul temei	Perioada	Finanţator	Calitatea în cadrul echipei
Kertészeti növényekben rejtőzködő organizmusok és hatásuk a gazdanövényre [Hidden microorganisms in horticultural plants and their interaction with the host] OTKA K-101716	2012-2015	Országos Tudományos Kutatási Alapprogramok (Hungarian Scientific Research Fund)	membru

H. Creaţia artistică

I. Premii, distincţii

- ***Premiul „cel mi bun tânăr autor - în secțiunea microbiologie agriculturală și alimentară” 2014:*** *Hungarian Society for Microbiology (member of Federation of European Microbiological Societies)* pentru lucrarea: **Füstös Zoltán** și colegii săi: Bacterial endophytes of sweet pepper: distribution in the plant and selection for *in situ* investigations. *Annual Meeting of the Hungarian Society for Microbiology and EU FP-7 PROMISE Regional Meeting*, Keszthely, 2014, 82 p. p. 18.

J. Citări

1. Jribi, Sarra; Antal, Otilia Tamara; **Füstös, Zoltán**; Pápai, Gréta; Naár, Zoltán; Kheriji, Oussema; Debbabi, Hajer, Influence of sprouting bioprocess on durum wheat (Triticum durum) prebiotic properties. In: Research and innovation as tools for sustainable agriculture, food and nutrition security. MEDFORUM 2018. Bari, Italy, September 18-20 2018 Extended abstracts and papers. (**2020**) pp. 89-94., 6 p. ResearchGate publ.

- Aloo, Simon Okomo, Fred Kwame Ofosu, Sheila M. Kilonzi, Umair Shabbir, and Deog Hwan Oh. 2021. "Edible Plant Sprouts: Health Benefits, Trends, and Opportunities for Novel Exploration" *Nutrients* 13, no. 8: 2882. ISSN: 2072-6643

2. **Füstös, Z**; Belák, Á; Maráz, A, Colonization ability of Escherichia coli and Listeria monocytogenes in the endosphere of sweet pepper (*Capsicum annuum* var. *grossum*), ACTA ALIMENTARIA: AN INTERNATIONAL JOURNAL OF FOOD SCIENCE 46 : 4 pp. 481-491. , 11 p. (**2017**), ISSN 0139-3006.
   - Truong, Hoai-Nam, Garmyn, Dominique, Gal, Laurent, Fournier, Carine, Sevellec, Yann, Jeandroz, Sylvain, and Piveteau, Pascal, 2021, "*Plants as a realized niche for Listeria monocytogenes"* Microbiology Open Vol. 10, No. 6, 2045-8827
   - Miceli, Alessandro and Settanni, Luca, 2019, *"Influence of agronomic practices and pre-harvest conditions on the attachment and development of Listeria monocytogenes in vegetables"* Annals of Microbiology Vol. 69, No. 3, pp 185, ISSN 1869-2044

3. Belák, Á ; Héher, B ; **Füstös, Z** ; Kovács, M ; Maráz, A, Endophytic bacteria from Capsicum annuum var. grossum cultivars and their inhibitory effects on Listeria monocytogenes, ACTA ALIMENTARIA: AN INTERNATIONAL JOURNAL OF FOOD SCIENCE 43 : Suppl. 1 pp. 9-20. , 12 p. (**2014**), ISSN 0139-3006.
   - Tamás Kocsis, Zsolt Kotroczó, Levente Kardos, Borbála Biró, *Optimization of increasing biochar doses with soil–plant–microbial functioning and nutrient uptake of maize*, Environmental Technology & Innovation, Volume 20, 2020, 101191, ISSN 2352-1864,
   - **Füstös, Z** ; Belák, Á ; Maráz, A, *Colonization ability of Escherichia coli and Listeria monocytogenes in the endosphere of sweet pepper (Capsicum annuum var. grossum)*, ACTA ALIMENTARIA: AN INTERNATIONAL JOURNAL OF FOOD SCIENCE 46 : 4 pp. 481-491. , 11 p. (**2017**), ISSN 0139-3006.

K. Alte realizări semnificative

Participări la conferinţe naţionale şi internaţionale:

1. Jribi, Sarra; Antal, Otilia Tamara ; **Füstös, Zoltán**; Pápai, Gréta ; Naár, Zoltán ; Kheriji, Oussema ; Debbabi, Hajer *Influence of sprouting bioprocess on durum wheat (Triticum durum) prebiotic properties* In: Research and innovation as tools for sustainable agriculture, food and nutrition security. MEDFORUM 2018. Bari, Italy, September 18-20 2018 Extended abstracts and papers (2020) pp. 89-94., 6 p.
2. Antal, Otilia Tamara; **Füstös, Zoltán**; Naár, Zoltán; Czukor, Bálint; Némedi, Erzsébet; Kiss, Attila *AZ ALMATÖRKÖLY ŐRLEMÉNY SZEMCSEMÉRET ÉS A PREBIOTIKUS HATÁS KÖZÖTTI ÖSSZEFÜGGÉS VIZSGÁLATA IN VITRO EMÉSZTÉSI MODELLBEN* In: Gelencsér, É; Horváth, Zné; Rurik, I; Tömösközi, S (szerk.) Táplálkozástudományi Kutatások VII. PhD konferencia : program és előadás összefoglalók Budapest, Magyarország: Magyar Táplálkozástudományi Társaság (2017) 23 p. pp. 6-6., 1 p. Absztrakt / Kivonat

3. **Füstös, Z** ; Antal, O ; Naár, Z ; Kiss, A ; Némedi, E *Prebiotic effects of different dumplings and evaluation of different equations used for PI calculation (2016)* International Scientific Conference on Probiotics and Prebiotics. 21-23 June 2016, Budapest, Hungary, Poszter, Megjelenés: Magyarország,
4. **Füstös, Zoltán**; Antal, Otilia; Naár, Zoltán; Czukor, Bálint; Némedi, Erzsébet ; Kiss, Attila *Mikroőrölt növényi rost készítmények in vitro emésztési vizsgálatai* In: Bíró, Lajos; Gelencsér, Éva; Lugasi, Andrea; Rurik, Imre (szerk.) A 60 éves Magyar Táplálkozástudományi Társaság XLI. vándorgyűlése: Program és az előadások kivonatai Budapest, Magyarország : Magyar Táplálkozástudományi Társaság (2016) pp. 29-29., 1 p.
5. **Zoltán, Füstös** ; Otília, Antal ; Zoltán, Naár ; Bálint, Czukor ; Erzsébet, Némedi ; Attila, Kiss *Mikroőrölt növényi rostkészítmények in vitro emésztési vizsgálatai.: A 60 éves magyar táplálkozástudományi társaság XLI. vándorgyűlése program, (2016)* Tudományos konferencia, Esztergom 2016. október 6-8., Megjelenés: Magyarország,
6. Maráz, A ; **Füstös, Z** ; Belák, Á ; Kovács, M *Colonization and adaptation of endophytic and enteropathogenic bacteria in plants* In: Engelhardt, Tekla; Dalmadi, István; Baranyai, László; Mohácsi-Farkas, Csilla (szerk.) Food Science Conference 2015 - Integration of science in food chain: Book of proceedings Budapest, Magyarország : Corvinus University of Budapest, Faculty of Food Science (2015) pp. 144-146. , 3 p.
7. **Füstös, Z** ; Belák, Á ; Kovács, M ; Maráz, A *Endophytic bactreia of Capsicum annuum var. grossum: phenotypic and genotypic diversity of whole plant isolates* In: Maráz, A; Pfeiffer, I; Vágvölgyi, Cs (szerk.) Fiatal Biotechnológusok Országos Konferenciája "FIBOK 2014" : Program és összefoglalók Szeged, Magyarország : JATEPress (2014) 100 p. p. 48
8. **Füstös, Z** ; Belák, Á ; Kovács, M ; Maráz, A *Bacterial endophytes of sweet pepper: distribution in the plant and selection for in situ investigations* In: Magyar Mikrobiológiai Társaság (szerk.) Annual Meeting of the Hungarian Society for Microbiology and EU FP-7 PROMISE Regional Meeting [A Magyar Mikrobiológiai Társaság 2014. évi Nagygyűlése és EU FP7 PROMISE Regional Meeting] Magyar Mikrobiológiai Társaság (MMT) (2014) 82 p. p. 18
9. Ágnes, Belák ; Bernadett, Héher ; **Zoltán, Füstös** ; Mónika, Kovács ; Anna, Maráz *INHIBITION OF LISTERIA MONOCYTOGENES BY POTENTIAL ENDOPHITIC BACTERIA ISOLATED FROM CAPSICUM ANNUUM VAR. GROSSUM CULTIVARS* In: Dalmadi, I; Engelhardt, T; Bogó-Tóth, Zs; Baranyai, L; Bús-Pap, J; Mohácsi-Farkas, Cs (szerk.) Food Science Conference 2013 - With research for the success of Darányi Program : Book of proceedings Budapest, Magyarország : Budapesti Corvinus Egyetem, Élelmiszertudományi Kar (2013) 435 p. pp. 382-384. , 3 p.
10. Belák, Ágnes; Héher, Bernadett; **Füstös, Zoltán**; Kovács, Mónika; Maráz, Anna *Food safety significance of potential endophytic bacteria isolated from Capsicum annuum var. grossum* In: Gallego, J B; Cardinali, G; Casella, S; Cocolin, L; Neviani, E (szerk.) Microbial Diversity 2013 : Microbial Interactions in Complex Ecosystems Firenze, Olaszország: Società Italiana di Microbiologia Agro-Alimentare e Ambientale (SIMTREA) (2013) pp. 364-365., 2 p.

11. **Füstös, Z**; Belák, Á; Kovács, M; Maráz, A *Biodiversity of endophytic bacteria isolated from different Capsicum annuum var. grossum cultivars and their effect on seed germination* ACTA MICROBIOLOGICA ET IMMUNOLOGICA HUNGARICA Supplement p. 141 (2013)
12. **Füstös, Z**; Belák, Á; Kovács, M; Maráz, A *Capsicum annuum var. grossum paprikafajtákból izolált endofita baktériumok azonosítása és jellemzése* In: "Jövőnk" (A Pannon Növény-Biotechnológiai Egyesület és a Pannon Egyetem Georgikon Kar Doktori iskolájának konferenciája Ph.D. hallgatók számára a növény-biotechnológia területén) (2013) pp. 29-30. , 2 p.
13. **Füstös, Zoltán**; Belák, Ágnes ; Kovács, Mónika; Héher, Bernadett ; Maráz, Anna *Különböző Capsicum annuum var. grossum paprikafajták endofita baktériumainak izolálása, jellemzése és molekuláris biológiai vizsgálata* In: Mezőgazdasági, Múzeum Hungalimentaria 2013 : Kockázatbecslés, önellenőrzés, élelmiszerbiztonság Budapest, Magyarország : Magyar Mezőgazdasági Múzeum (2013) pp. 39-40. , 2 p.
14. **Füstös, Zoltán**; Belák, Ágnes; Kovács, Mónika; Héher, Bernadett; Maráz, Anna *Potential endophytic bacteria of Capsicum annuum var. grossum* In: Gallego, J B; Cardinali, G; Casella, S; Cocolin, L; Neviani, E (szerk.) Microbial Diversity 2013: Microbial Interactions in Complex Ecosystems Firenze, Olaszország: Società Italiana di Microbiologia Agro-Alimentare e Ambientale (SIMTREA) (2013) pp. 367-368., 2 p.
15. **Zoltán, Füstös**; Ágnes, Belák ; Mónika, Kovács ; Anna, Maráz *ISOLATION OF BACTERIAL ENDOPHYTES AND ASSESSMENT OF THEIR BIODIVERSITY IN DIFFERENT CAPSICUM ANNUUM VAR. GROSSUM CULTIVARS* In: Dalmadi, I; Engelhardt, T; Bogó-Tóth, Zs; Baranyai, L; Bús-Pap, J; Mohácsi-Farkas, Cs (szerk.) Food Science Conference 2013 - With research for the success of Darányi Program : Book of proceedings Budapest, Magyarország : Budapesti Corvinus Egyetem, Élelmiszertudományi Kar (2013) 435 p. pp. 385-387. , 3 p.
16. Bajcsi, N; **Füstös, Z** ; Belák, Á ; Maráz, A *Production of alkaline metalloprotease by meat spoiling Pseudomonas species* In: IAFP European Symposium on Food Safety (2012) pp. 34-35. , 2 p.
17. **Füstös, Z**; Belák, Á; Kovács, M; Maráz, A *Isolation, characterization and molecular identification of endophytic bacteria from different Capsicum annuum cultivars* In: Márialigeti, Károly (szerk.) A Magyar Mikrobiológiai Társaság 2012. évi Nagygyűlése : Absztratktfüzet Magyar Mikrobiológiai Társaság (MMT) (2012) p. 13

Miercurea Ciuc,
10.06.2026.

Semnătura,
Füstös Zoltán

Universitatea Sapientia din Cluj-Napoca
Facultatea de Ştiințe Economice, Socio-Umane şi Inginereşti, Miercurea Ciuc

LISTA
lucrărilor ştiințifice în domeniul disciplinelor din postul didactic

NUMELE ŞI PRENUMELE: Péterffy Judit

A. Teza de doctorat.

1. **Péterffy, J.** (2014). Studiul obținerii proteinelor fluorescente cu sensibilitate ridicată la metale tranziționale. Conducătorul tezei: dr. Lányi Szabolcs, Universitatea Politehnică din București.

B. Cărți publicate

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

1. **J. Péterffy:** Managementul calității. Practici organizaționale în industria alimentară, Editura T3, Sfântu Gheorghe, ISBN 978-630-6755-03-5, 2026.

C. Lucrări ştiințifice publicate

C1. Lucrări ştiințifice publicate în reviste cotate ISI.

1. **J. (Petres) Péterffy**, M.P. Szabó, L. Szilágyi, Sz. Lányi, B. Ábrahám, Fluorescence of a Histidine-Modified Enhanced Green Fluorescent Protein (EGFP) Effectively Quenched by Copper(II) Ions. Part II. Molecular Determinants, Journal of Fluorescence, ISSN: 1573-4994, **Impact Factor 2015: 1.685** https://link.springer.com/article/10.1007/s10895-015-1567-4

2. E.É. Bálint, **J. Petres**, L. Szilágyi, Cs. K. Orbán, B. Ábrahám, Fluorescence of a Histidine-Modified Enhanced Green Fluorescent Protein (EGFP) Effectively Quenched by Copper(II) Ions, Journal of Fluorescence, ISSN: 1573-4994, **Impact factor 2013: 2.107,** Relative Influence Score: 1.373.
https://link.springer.com/article/10.1007/s10895-012-1145-y

3. M. P. Szabó, **J. Petres**, Szilágyi L., Miklóssy I., Ábrahám B., Lányi Sz., Possible application of metal sensitive red fluorescent proteins in environmental monitoring, Environmental Engineering and Management Journal, ISSN: 1582-9596, **Impact Factor 2013: 1.004**.
http://www.eemj.icpm.tuiasi.ro/pdfs/vol11/no1/25_665_Szabo_11.pdf

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

1. **J. Petres**, E.É. Bálint, M. Szabó, L. Szilágyi, B. Ábrahám, Improvements in Quality of Histidine-Modified Enhanced Green Fluorescent Protein that Binds Copper Ions with Nanomolar Affinity, Scientific Buletin Series B: Chemistry and Material Science, ISSN: 1454-2332, 2013, **Indexat în: SCOPUS, ELSEVIER SCIENCES'S BIBLIOGRAPHIC DATABASES, CAMBRIDGE SCIENTIFIC ABSTRACTS.**
   https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full807_766544.pdf

Miercurea Ciuc,
24.09.2026

Lista publicaţiilor

Numele şi prenumele: Tófalvi Melinda-Mária

A. Teza de doctorat

Titlul: *Efectul biostimulator al unor extracte vegetale asupra dezvoltarii familiilor de albine*
Conducătorul: Prof. dr. ing. Liviu Alexandru Mărghitaş
Instituţia: Universitate de Stiinţe Agricole şi Medicină Veterinară Cluj-Napoca Şcoala Doctorală Facultatea de Zootehnie şi Biotehnologii

B. Cărti publicate

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

Liviu Al. Mărghitaş, Daniel S. Deymirean, Otilia Bobiş, **Melinda Tofalvi**: Extracte vegetale utilizate în hrana albinelor, Editura AcademicPress, Cluj-Napoca, 2011.

C. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice:

Petre Iordache, Ileana Roşca, Mihai Cismaru: Plante melifere de foarte mare şi mare pondere economico-apicolă. Editura Lumea apicolă, Bucureşti, 2007. Material DVD tradusă la limba maghiară.

E. Alte realizări semnificative:

Mentor la concursul TUDEK (Tudományos Erdélyi Diák Konferencia):

Lucrarea: „Hogy zsongjon a határ", - 2012. Secţia biologie, Premiul I.

„A döntes joga fenntartva", - 2013. Secţia biologie, Premiul I.

„Méhekre is hat a globalizació", - 2013. Secţia biologie, Premiul special.

„Királynőknek is telyesíteni kell?" -2015. Secţia biologie, Premiul I.

Participări la conferinţe naţionale şi internaţionale:

- Tófalvi Melinda-Mária: Erdélyi méhészetek (Stupăritul în Ardeal). Conferinţa internaţională, Gödöllő, 2010.
- Tófalvi Melinda-Mária: Preparate din polen. Congres al SRI, Apiterapie Cluj-Napoca, 2012.
- Tófalvi Melinda-Mária: Producerea lăptişorului de matcă, Conferinţa regională a apicultorilor, Blaj, 2012.
- Tófalvi Melinda-Mária: Creşterea mătci, Conferinţa regională a apicultorilor, Blaj, 2013.
- Tófalvi Melinda-Mária: Gyógynövények hatása a méhészetben (Plante medicinale în apicultură) . Conferinţa regională a apicultorilor din Kaposvar, 2015.
- Tófalvi Melinda-Mária: Méhészkedés Erdélyben (Apicultura în transilvania). Conferinţa regională a apicultorilor, Balassagyarmat, 2015.
- Tófalvi Melinda-Mária: Tenyészcsaládok kiválasztása, anyanevelési alapfogalmak (Alegera familiilor de prăsila, cresterea mătci), Conferinţa regională a apicultorilor, Odorheiu-Secuiesc, 2015.

- Tófalvi Melinda-Mária: Observaţii, experienţe proprii în apicultură, Intalnire regională a apicultorilor, Tg.-Mureş, 2015.
- Tófalvi Melinda-Mária: Cresterea matci, Conferinţa regională a apicultorilor, Tg.-Mureş, Ludus, 2018.
- Tófalvi Melinda-Mária: Nemesités és digitalizáció a méhészetben (Ameliorare si digitalizare in apicultura) Conferinţa regională a apicultorilor, Odorheiu-Sec., 2018.
- Tófalvi Melinda-Mária: Növények, méhek emberek kapcsolata (Relatii dintre plante, albine si om) Conferinţa regională a apicultorilor, Ungaria, Gyula, 2018.
- Tófalvi Melinda-Mária: Nemesités és digitalizáció a méhészetben (Ameliorare si digitalizare in apicultura Tg.Mures, Ungaria – Balassagyarmat, 2019.)
- Tófalvi Melinda-Mária: Nemesités és digitalizáció a méhészetben (Ameliorare si digitalizare in apicultura) Tg.Mures, Ungaria –2019.
- Tófalvi Melinda-Mária: Dansul albinelor – nunta florilor (Együtt a körben – Conferinta, OdorheiuüSec, 2019.)
- Tófalvi Melinda-Mária, Szász Mátyás: Legiile Barabasi în viaţa albinelor (Conferinţa regională a apicultorilor, Odorheiu-Secuiesc, 2019.)
- Tófalvi Melinda-Mária: Nunta la albine – particularitaţiile împerecherii la albine (Együtt a körben – Conferinta, OdorheiuüSec, 2019.)
- Tófalvi Melinda-Mária: „Az év méhész írója” díj, OMME 2019.
- Tófalvi Melinda-Mária, Szász Mátyás: Legiile Barabasi în viaţa albinelor (Conferinţa regională a apicultorilor) –Szekszárd, Ungaria, 2020.
- Tófalvi Melinda-Mária: Cresterea matcii, Conferinþa regionalã a apicultorilor, Miercurea-Ciuc, Odorheiu-Secuiesc, Targu Mures,-2021.
- Tófalvi Melinda-Mária: Növények, méhek emberek, kapcsolata (Relatia dintre plante, albine si om) (Conferinþa Tudastar) Targu Secuiesc, 2021.
- Tófalvi Melinda-Mária: Produse Apicole (Ziua plantelor medicinale)- Avramesti, Betesti, Odorheiu-Secuiesc, Gheorgheni, 2020-2023.
- Tófalvi Melinda-Mária, Szász Mátyás: Reflectari privind comportamentul albinelor (Conferinþa regionalã holistica) – Odorheiu-Secuiesc, 2023.
- Bross Péter, presedintele Asociatiei Agricola din Ungaria: Méhészeti ágazati aktualitások (Actiualitati din apicultura, traducere Tófalvi Melinda-Mária, Targu Mures, 2024.
- Tófalvi Melinda-Mária: Despre albine, Conferinta apicola, Miercurea Ciuc, 2025.
- Tófalvi Melinda-Mária: Produse Apicole Mesajul naturii prin viata albinelor (A méhek életének példa értékei)(Ziua plantelor medicinale)- Avramesti, 2025.
- An Overview of the Effect of Prebiotics, Probiotics and Postbiotics on Internal Honeybee Parasite Nosema spp. Cristina Gabriela MATHE1, Tudor Nicolas TERNAR1*, Gianluca ALBANESE1,2, Alexandru Ioan GIURGIU1, Adriana Cristina URCAN1, Claudia PAȘCA1, Melinda Maria TÓFALVI1, Massimo IORIZZO2 , Daniel Severus DEZMIREAN1 1Faculty of Animal Science and Biotechnologies, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania 2Department of Agriculture, Environmental and Food Sciences, University of Molise, Via De Sanctis, 86100 Campobasso, Italy. Published: 15 November 2025 DOI: 10.15835/buasvmcn-asb:2025.0005

Lista de lucrări în domeniul de studii universitare de licenţă

Numele şi prenumele:
Both Emese

A. Teza de doctorat

Noi produse probiotice, Prof. dr. Lányi Szabolcs, Universitatea Politechnica din București

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. **Both, E**., Kibédi Szabó, Cs. Z., György, É., Tamás, É., Miklóssy, I., Ábrahám, B., Lányi, Sz., *Verification of Probiotic Bacterial Properties: Tolerance to Digestive Juices and Adhesion to Epithelial Cells of Lactobacillus acidophilus La-5 and Lactobacillus casei 01*, Studia Universitatis "Babeş Bolyai", Seria Chemia, Special Issue 2 , 2009, p. 27-33.

2. **Both, E**., György É., Ábrahám, B., Miklóssy, I., Lányi, Sz., *Selection of lactic acid bacteria isolated from traditionally manufactured cheeses*, Studia Universitatis "Babeş Bolyai", Seria Chemia, Special Issue, 2010, p. 23-30.

3. **Both, E**., Bodor, Zs., Albert, B., *Effect of microencapsulation on viability and survival in simulated gut conditions of probiotic bacteria*, Romanian Biotechnological Letters, 23/6, 2018, p. 141400-141405.

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

1. **Both, E**., György, É., Kibédi Szabó, CS. Z., Tamás, É., Ábrahám, B., Miklóssy, I., Lányi, Sz., *Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms*, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science, 72/2, 2010, p. 37-44.

2. **Both, E**., György, É., Ábrahám, B., Lányi, Sz., *Beneficial effects of probiotic microorganisms. A review*, Acta Universitatis Sapientiae, Alimentaria, 4, 2011, p. 44-58.

3. **Both, E**., Gyenge, L., Bodor, Zs., Ábrahám, B., *Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer*, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science, 74/1, 2012, p. 27-32.

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1. **Both, E.,** Probiotikus tulajdonsággal rendelkező tejsavbaktériumok antibakteriális hatása, Műszaki Szemle, 72, p.3-7, 2018.
2. Szulczer-Balog V., Salamon P., **Both E**., A probiotikus baktériumok antibiotikum-rezisztenciája, 83, p.41-44, 2022.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

3. **Both E**., György E., Kibédi-Szabó Cs. Z., Tamás E., Ábrahám B., Miklóssy I., Lányi Sz.: Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms, *16th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 9-12 sept. 2009.
4. **Both E.**, Kibédi Szabó Cs. Z., dr. György É., Tamás É., Miklóssy I., dr. Ábrahám B., dr. Lányi Sz.: Verification of probiotic bacterial properties: tolerance to digestive juices and adhesion to epithelial cells of *Lactobacillus acidophilus* La-5 and *Lactobacillus casei* 01, A XV-a *Conferinţă Internaţională de Chimie*, Târgu-Mureş, 13-15 noi. 2009.
5. **Both E.**, György E., Ábrahám B., Miklóssy I., Lányi Sz.: Selection of lactic acid bacteria isolated from traditionally manufactured cheeses, A XVI-a *Conferinţă Internaţională de Chimie*, Cluj Napoca, 11-14 noi. 2010.
6. **Both E.**, György E., Ábrahám B., Lányi Sz.: Verification of lactic acid bacterial properties in artificial digestive system examinations, *Conferinţa de Ştiinţe ale Naturii* (Societatea Muzeului Ardelean), Cluj Napoca, 20. noi. 2010.
7. **Both E.**, Gyenge L., Bodor Zs., György É., Lányi Sz., Ábrahám B.: Intensification of probiotic microorganisms viability by encapsulation using ultrasonic atomizer, 17th *Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 7-10 sept. 2011.
8. **Both E.**, Szulczer-Balog V., Salamon P., Probiotikus tejsavbaktériumok antibiotikumokkal szembeni rezisztenciája és a probiotikus tejtermékek élelmiszerbiztonsági aspektusai, *XXIX.th INTERNATIONAL CONFERENCE OF CHEMISTRY*, Marosvásárhely, 25-28 okt. 2023.

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. TEHNOLOGII INOVATIVE DE CONSERVARE SI UTILIZARE A BACTERIILOR LACTICE PROBIOTICE CU PERFORMANTE BIOTEHNOLOGICE SUPERIOARE PENTRU CRESTEREA SIGURANTEI ALIMENTARE INCTEC- PNCDI II 61-001/ 2007 (2007-2010), membru

2. REPROIECTAREA SPECIFICITATII ENZIMATICE PRIN EVOLUTIE DIRIJATA: ELABORAREA UNEI SERIN PROTEAZE SPECIFICE PENTRU CLIVAREA C TERMINALA A FOSFOTIROZINEI- PHOSPHOTYRASE 61-027/2007 (2007-2010), membru

3. BIOPREPARATE MICROBIENE PENTRU CREŞTEREA PRODUCTIVITĂŢII ŞI PROTECŢIA CULTURILOR AGRICOLE /BIOPREP (2009-2012), membru

4. Programul 4 PNCDI2/ BIOPREPARATE MICROBIENE PENTRU CREŞTEREA PRODUCTIVITĂŢII ŞI PROTECŢIA CULTURILOR AGRICOLE MIMOSA (2007-2010), membru

K. Participări la conferinţe naţionale şi internaţionale

1. **Both E**., György E., Kibédi-Szabó Cs. Z., Tamás E., Ábrahám B., Miklóssy I., Lányi Sz.: Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms, *16th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 9-12 sept. 2009.
2. **Both E.**, Kibédi Szabó Cs. Z., dr. György É., Tamás É., Miklóssy I., dr. Ábrahám B., dr. Lányi Sz.: Verification of probiotic bacterial properties: tolerance to digestive juices and adhesion to epithelial cells of *Lactobacillus acidophilus* La-5 and *Lactobacillus casei* 01, A XV-a *Conferinţă Internaţională de Chimie*, Târgu-Mureş, 13-15 noi. 2009.
3. **Both E.**, György E., Ábrahám B., Miklóssy I., Lányi Sz.: Selection of lactic acid bacteria isolated from traditionally manufactured cheeses, A XVI-a *Conferinţă Internaţională de Chimie*, Cluj Napoca, 11-14 noi. 2010.
4. **Both E.**, György E., Ábrahám B., Lányi Sz.: Verification of lactic acid bacterial properties in artificial digestive system examinations, *Conferinţa de Ştiinţe ale Naturii* (Societatea Muzeului Ardelean), Cluj Napoca, 20. noi. 2010.
5. **Both E.**, Gyenge L., Bodor Zs., György É., Lányi Sz., Ábrahám B.: Intensification of probiotic microorganisms viability by encapsulation using ultrasonic atomizer, 17th *Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 7-10 sept. 2011.

6. **Both E.**, Szulczer-Balog V., Salamon P., Probiotikus tejsavbaktériumok antibiotikumokkal szembeni rezisztenciája és a probiotikus tejtermékek élelmiszerbiztonsági aspektusai, *XXIX.th INTERNATIONAL CONFERENCE OF CHEMISTRY*, Marosvásárhely, 25-28 okt. 2023.

III. RECUNOAȘTEREA

J. Citări

Citări Google Scholar

1. Both E., Gyenge L., Bodor Zs., György É., Lányi Sz., Ábrahám B.: Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer *in* UPB Scientific Bulletin, Series B: Chemistry and Materials Science 74/1, 2012

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1. D. Campos, F. Acevedo, E. Morales, J. Aravena, V. Amiard, M. Jorquera, N. Inostroza, M. Rubilar: Microencapsulation by spray drying of nitrogen-fixing bacteria associated with lupin nodules *in* World Journal of Microbiology and Biotechnology (Formerly MIRCEN Journal of Applied Microbiology and Biotechnology) 30(9) · May 2014.
2. Daniela C. Campos, Francisca Acevedo, Eduardo Morales, Javiera Aravena, Véronique Amiard, Milko A. Jorquera, Nitza G. Inostroza, Mónica Rubilar: Microencapsulation by spray drying of nitrogen-fixing bacteria associated with lupin nodules, World Journal of Microbiology and Biotechnology, Sept. 2014, Volume 30, Issue 9, pp 2371–2378
3. Kavita. R. Pandey, Suresh. R. NaikBabu. V. Vakil: Probiotics, prebiotics and synbiotics- a review, Journal of Food Science and Technology, Dec. 2015, Volume 52, Issue 12, pp 7577–7587
4. Bryshila Lupo Pasin, Carmen González Azón , Alicia Maestro Garriga: Microencapsulation in alginate for food. Technologies and applications, Revista Venezolana de Ciencia y Tecnología de Alimentos. 3 (1): 130-151. Enero-Junio, 2012
5. V. Jayalalitha: Microencapsulation of Probiotics to Prepare Functional Dairy Products, Probiotics in Sustainable Food Production: Current Status and Future Prospects - Probiotic Foods, 2013
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2. Both E., György É., Kibédi Sz. Cs., Tamás É., Miklóssy I., Ábrahám B., Lányi Sz.: Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms *in* UPB Scientific Bulletin, Series B: Chemistry and Materials Science 72/2, 2010

Citări:

1. Elnaz Vaghef-Mehrabany, Aziz Homayouni Rad , Beitullah Alipour , Leila Vaghef-Mehrabany , Maryam Saghafi Asl: Formulation and Design of Probiotic Supplements for Rheumatoid Arthritis Patients, Mar 2018. doi: 10.15171/PS.2018.08

2. Beitullah Alipour, Aziz Homayouni-Rad Elnaz Vaghef-Mehrabany Sakineh Khatoun Sharif Leila Vaghef-Mehrabany Mohammad Asghari-Jafarabadi Mohammad Reza Nakhjavani Javad Mohtadi-Nia: Effects of Lactobacillus casei supplementation on disease activity and inflammatory cytokines in rheumatoid arthritis patients: a randomized double-blind clinical trial, Mar 2014. doi: 10.1111/1756-185X.12333

3. M.P. Arena, P. Russo, V. Capozzi, A. Rascon, G. Felis, G. Spano, D. Fiocco: Combinations of cereal β-glucans and probiotics can enhance the anti-inflammatory activity on host cells by a synergistic effect, May 2016. DOI: 10.1016/j.jff.2016.02.015

4. E. Vaghef-Mehrabany, A. Homayouni-Rad, B. Alipour, S. Alipour-Aliyi: Effects of Probiotic Supplementation on Oxidative Stress Indices in Women with Rheumatoid Arthritis: A Randomized Double-Blind Clinical Trial in Journal of the American College of Nutrition Apr. 2015

5. M. Abbas, A. Mahasneh: Functional Characteristics of Lactobacillus Strains Isolated from Camel's Milk, Jan 2015. DOI: 10.9734/BJMMR/2015/15287

6. M.P. Arena, G. Caggianiello, D. Fiocco, P. Russo, M. Torelli, G. Spano, V. Capozzi: Barley β-Glucans-Containing Food Enhances Probiotic Performances of Beneficial Bacteria in International Journal of Molecular Sciences 15(2):3025-39 · February 2014. DOI: 10.3390/ijms15023025 · Source: PubMed

7. E. Vaghef-Mehrabany, B. Alipour, A. Homayouni-Rad, S. Zavvari: Probiotic supplementation improves inflammatory status in patients with rheumatoid arthritis in Nutrition 30(4) · December 2013. DOI: 10.1016/j.nut.2013.09.007 · Source: PubMed

8. I. Frola, M. Pellegrino, G. Magnano, et. al: Histological examination of non-lactating bovine udders inoculated with Lactobacillus perolens CRL 1724 in Journal of Dairy Research 80(1):1-8 · November 2012. DOI: 10.1017/S0022029912000581 · Source: PubMed.

9. P. Balgir et al: In Vitro and In Vivo Survival and Colonic Adhesion of Pediococcus acidilactici MTCC5101 in Human Gut. September 2013. DOI: 10.1155/2013/583850 · Source: PubMed.

10. S. Ghaderian et al.: Probiotic Therapy, What is the most Effective Method for Host Protection Against Enteric Pathogen in Int J Enthric Pathol 1(2): 36-42, Nov 2013.

11. B. Alipour, A Homayouni, E. Vaghef-Mehrabany, S. Sharif, L. Vaghef-Mehrabany, M. Jafarabadi, M. Rakhjavani, J. Mohtadi-Nia: Effects of Lactobacillus casei supplementation on disease activity and inflammatory cytokines in rheumatoid arthritis patients: A randomized double-blind clinical trial in International Journal of Rheumatic Diseases 17(5) · March 2014. DOI: 10.1111/1756-185X.12333

12. M. Arena, P. Russo, V. Capozzi, G. Spano: Probiotic abilities of riboflavin-overproducing Lactobacillus strains: A novel promising application of probiotics in Applied Microbiology and Biotechnology 98(17) · June 2014. DOI: 10.1007/s00253-014-5837-x · Source: PubMed.
13. S. Rashid, S. Hassanshahian: Screening, Isolation and Identification of Lactic Acid Bacteria From a Traditional Dairy Product of Sabzevar, Iran in Int J Enthric Pathol 2(4) e18393, Nov 2014.
14. M. Junjua, N. Kechaou, F. Chain et al.: A large scale in vitro screening of Streptococcus thermophilus strains revealed strains with a high anti-inflammatory potential in LWT- Food Science and Technology 70 · February 2016. DOI: 10.1016/j.lwt.2016.02.006.
15. M. Pia Arena, P. Russo, V. Capozzi, D. Fiocco: Combinations of cereal β-glucans and probiotics can enhance the anti-inflammatory activity on host cells by a synergistic effect, May 2016 DOI 10.1016/j.jff.2016.02.015.
16. E. Vaghef-Mehrabany, L. Vaghef-Mehrabany, M. Asghari-Jafarabadi3, A. Homayouni-Rad, K. Issazadeh, B. Alipour: Effects of probiotic supplementation on lipid profile of women with rheumatoid arthritis: A randomized placebo-controlled clinical trial, in: Health Promotion Perspectives, 2017, 7(2), 95-101.
17. S.M.H. Ghaderian: Probiotic Therapy, What is the most Effective Method for Host Protection Against Enteric Pathogen, November 2013 DOI10.17795/ijep13289
18. Lavanya Ananthanarayanana, Aparna Dubhashi: Study of Probiotic Attributes of two isolates Bacillus aerius and Bacillus cereus, International Journal of Research Studies in Biosciences (IJRSB) Volume 4, Issue 4, April 2016.
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20. Gongora HG.: Optimización de los procesos de ensilado a partir de residuos de la industria pesquera y evaluación de nuevas aplicaciones en la alimentación animal, oceandocs.org, 2013.
21. G Caggianiello: Polyphasic characterization of exopolysaccharides produced by Lactobacillus plantarum Lp90 strain, fair.unifg.it, 2015.
22. Murlidhar Meghwal, Megh R. Goyal: Application of Probiotic and Prebiotic for Human Health (Book Chapter) in Food Engineering Emerging Issues, Modeling, and Applications, 2016
23. AM Mahasneh, MM Abbas: Probiotics (Book Chapter) in Microbial Biotechnology: Progress and Trends, 2014.

3. Both, E., György, É., Ábrahám, B., Lányi, Sz.: Beneficial effects of probiotic microorganisms. A review, Acta Universitatis Sapientiae, Alimentaria, 4, p. 44-58, ISSN 1844-7449, 2011

Citări:

1. S.M.H. Ghaderian: Probiotic Therapy, What is the most Effective Method for Host Protection Against Enteric Pathogen, November 2013 DOI10.17795/ijep13289
2. Jawad Kadhim Isa, Seyed Hadi Razavi: The Use of Lactobacillus acidophilus and Bifidobacterium animalis ssp. Lactis BB12, as Probiotics to Reduce the Risk of Food Poisoning in Minced Meat, Applied Food Biotechnology, Vol. 5/3, 2018
3. K. Arsi, A. M. Donoghue, A. Woo-Ming, P. J. Blore, D. J. Donoghue: Intracloacal Inoculation, an Effective Screening Method for Determining the Efficacy of Probiotic Bacterial Isolates against Campylobacter Colonization in Broiler Chickens. Journal of Food Protection: January 2015, Vol. 78, No. 1, pp. 209-213, 2015

4. N. Hazarina: The impact of selenium-rich green and black tea water extracts on bone health in vitro, and in an animal model of osteoporosis: a thesis presented in partial fulfilment of the requirements for the degree of Doctor of Philosophy in Health Sciences at Massey University, Palmerston North, New Zealand, 2017

24 septembrie 2025 **Both Emese**

Lista de lucrări în domeniul de studii universitare de licenţă biologie

Numele şi prenumele: ***Csató-Kovács Erika***

A. Teza de doctorat

Expresia heterologă și purificarea proteinei GITRL, un potențial marker tumoral. 2011. Universitatea Politehnica din Bucureşti, Facultatea de Chimie Aplicată şi Ştiinţa Materialelor, p. 1-116.

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc) publicate în țară, la edituri recunoscute CNCSIS

Bálint Emese-Éva, Csató-Kovács Erika, Miklóssy Ildikó: Molekuláris technikák, Gyakorlati jegyzet mérnök hallgatóknak (Tehnici moleculare, Îndrumar de laborator), Editura T3, Sfântu Gheorghe, 2022, ISBN 978-606-95430-2-63, 145 pagini

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

Albert Beáta, Csató-Kovács Erika: Antitest termelő sejtvonal fejlesztése, Laboratóriumi jegyzet génsebész hallgatók számára, (Dezvoltarea unei linii celulare producătoare de anticorpi monoclonali, Îndrumar de laborator pentru studenții la inginerie genetică), 2024, ISBN 978-973-0-39646-1, 105 pagini.

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. **Csató-Kovács, E.,** Salamon, P., Fikó-László, Sz., Kovács, K., Koka, A., András-Korodi, M., Antal, E., Brumă, E., Tőrsők, B., Gudor, Sz., Miklóssy, I., Orbán, K.Cs., Albert, Cs., Bálint E.É., Albert, B., Development of a mammalian cell line for stable production of anti-PD-1, Antibodies, 2024, 13(4): 82 (12 pages). IF: 2,7
2. Fikó, D.-R., **Csató-Kovács, E.**, Szilveszter, Sz., Máthé, I., Felföldi, T., Lányi, Sz., Investigation of the phenol-degrading ability and metabolic pathways of bacteria isolated from landfill leachate, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, 2023, 85(2): 105-118. IF: NA
3. Bodor, Zs., Fazakas (Iuhász), A., **Kovács, E**., Lányi, Sz., Albert, B., Using genome-scale model to predict the metabolic engineering impact on *Escherichia coli* metabolism during succinic acid production optimization, Romanian Biotechnological Letters, 2020, 25(3): 1666-1676. IF: NA
4. Bálint, J., Benedek, K., Loxdale, H.D., **Kovács, E.,** Ábrahám, B., Balog, A.., How host plants and predators influence pea aphid (Acyrthosiphon pisum Harris) populations in a complex habitat. North-Western Journal of Zoology, 2018, 14(2): 149-158. IF = 0.843.
5. Vincze, É.-B., Salamon R.-V., **Kovács, E.,** Mara Gy., Effect of metal tolerant plant growth promoting rhizobacteria on bean growth, cadmium and zinc uptake and stress responses. Environmental engineering and management journal, 2018, 17(4):803-811. IF = 1.148
6. Felföldi, T., Fikó, R.D., Mentes, A., **Kovács, E.,** Máthé, I., Schumann, P., Tóth, E., *Quisquiliibacterium transsilvanicum* gen. nov., sp. nov., a novel betaproteobacterium isolated from a waste-treating bioreactor. Int. J. Syst. Evol. Microbiol., 2017, 67(11): 4742-4746. IF = 2.134
7. Bálint, J., Benedek, K., Loxdale, H.D., **Kovács, E.,** Ábrahám, B., Balog, A., How host plants and

predators influence pea aphid (Acyrthosiphon pisum Harris) populations in a complex habitat. NorthWestern Journal of Zoology, 2017, 14(1). IF = 0.733.

8. Fazakas, A., **Kovács E.,** Bodor, Zs., Lányi, Sz., Ábrahám, B., Production of chemicals with genetically modified *Escherichia coli* strains from renewable resources. Studia Universitatis Babes-Bolyai Seria Chemia, 2016, 61(2): 35-46. IF = 0.244
9. Domokos, E., Bíró-Janka, B., **Kovács, E.,** Ábrahám, B., Balog, A., Genetic variability of the green peach aphid (Myzus persicae) populations in different host plants. North-Western Journal of Zoology, 2015, 11(2): 369-371. IF = 0.539
10. Felföldi, T., **Kovacs, E.,** Fikó, D.R., Tankó, G., Szabó, A. Nagymáté, Z., Szilveszter, S., Máthé, I., Unconventional strategies for the cultivation of new bacterial strains from aquatic environments. *Acta Microbiol. Immunol. Hung.* 2015, 62: 150–151. IF =0.72
11. Benedek, K., Bálint, J., Salamon, R. V., **Kovács, E.,** Ábrahám, B., Fazakas, Cs., Loxdale, H.D., Balog, A., Chemotype of tansy (*Tanacetum vulgare L.)* determines aphid genotype and its associated predator system. Biological Journal of the Linnean Society, 2015, 114(3): 709-719. IF = 1.984
12. Bodor, Zs., Fazakas (Iuhasz), A., **Kovács, E.,** Lányi, Sz., Albert, B., Biotechnological production of succinic acid from glycerol; the role of co-substrates. Studia Universitatis Babes-Bolyai, Seria Chemia, 2014, Iss. 2, 55: 33-35. IF = 0.191
13. Bodor, Zs., Fazakas (Iuhasz), A., **Kovács, E.,** Lányi, Sz., Albert, B., Systems biology and metabolic engineering for obtaining *E. coli* mutants capable to produce succinate from renewable resources. Romanian Biotechnological Letter, 2014, 19(4): 9625-9636. IF = 0.404
14. Fazakas (Iuhasz), A., Bodor, Zs., **Kovács, E.,** Laslo, É., Lányi, Sz., Ábrahám, B., Isolation of succinic acid-producing *Escherichia coli* from animal faeces. Studia Universitatis Babes-Bolyai Seria Chemia, 2014, Iss. 1, 55: 177-185. IF = 0.191
15. **Kovács, E.,** Szilágyi, L., Koncz, G., Lányi, Sz., Ábrahám, B., Enhanced in vitro refolding of soluble human Glucocorticoid-Induced TNF Receptor-Related Ligand. Applied Biochemistry and Biotechnology, 2013, 170(4): 819-30. IF = 1.687
16. **Kovács, E.,** Szabó, M., Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Purification and cleaving of the human GITRL expressed as fusion protein. Studia Universitatis Babes Bolyai Seria Chemica, 2010, Special Issue: 81-88. IF = 0.231
17. **Kovács, E.,** Pálfi, M., Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Construction of an Expression Vector for the GITRL Protein. Studia Universitatis Babes Bolyai Seria Chemica, 2009, Special Issue 2, 54: 83-92. IF = 0.089
18. Pálfi, M., **Kovács, E.,** Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Engineered Green Fluorescent Protein as a Potential Metal Sensor. Studia Universitatis Babes Bolyai Seria Chemica, 2009, Special Issue 2, 54: 35-44. IF = 0.089

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

19. Csitári, B., Fikó, D.R., **Kovács, E.**, Szabó, A., Jurecska, L., Mentes, A., Táncsics, A., Máthé, I., Felföldi. T., Fenolos vegyületek mikrobiológiai lebontásának vizsgálata természetes és mesterséges környezetekben (Examination the microbial degradation of phenolic compounds in natural and artificial environments). Hidrológiai Közlöny, 2016, Special Issue, 96: 26-31. (in Hungarian, with English abstract) [Chemical Abstracts, Water Resources Abstracts]
20. Felföldi, T., **Kovács, E.**, Fikó, D.R., Tankó, Gy., Szabó, A., Hagyományostól eltérő eljárások alkalmazása új baktériumtörzsek laboratóriumi tenyésztése érdekében (Applying unconventional

techniques for the laboratory cultivation of new bacterial strains). Hidrológiai Közlöny, 2015, 95 (5-6): 19-21. (in Hungarian, with English abstract) [Chemical Abstracts, Water Resources Abstracts

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22. Pálfi, M., **Kovács, E.,** Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Fluorescence quenching analysis of histidine-tagged enhanced green fluorescent protein. University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, 2010, 72(2): 45-52. ISSN 1454-233.[UlrichS International Periodicals Directory, Scopus, Cambidge Scientific Abstracts]
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C4. Lucrări ştiinţifice publicate în reviste din ţară, recunoscute CNCSIS (altele decât cele din baze de date internaţionale)

24. Fazakas (Iuhasz), A., Bodor, Zs., **Kovács, E.,** Lányi, Sz., Ábrhám, B., Génkiütés λ-Red rekombinációval *Escherichia coli*-ban (Gene knockout using λ-Red recombination system in *Escherichia coli)*. Műszaki Szemle/Technical Review, 2014, 63: 10-15. (in Hungarian, with English abstract)
25. **Kovács, E.,** Szabó, M., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., A humán GITRL heterológ expressziója bakteriális rendszerben. Műszaki Szemle/Technical Review, 2010, 52: 21-27. (in Hungarian, with English abstract)
26. Szabó, M., **Kovács, E.,** Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Zöld fluoreszcens fehérje irányított mutagenézise és a mutáció hatásának vizsgálata. Műszaki Szemle/Technical Review, 2010, 52: 44-50. (in Hungarian, with English abstract).

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

27. Bálint, E.É, **Csató-Kovács, E.,** Laslo, É., "School of ants"- a successful ecological education program in Harghita county. Human Education today for the world of tomorrow. Publisher Pro Universitaria 2015, 12: 119-123.
28. Pálfi, M., **Kovács, E.,** Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Egy „világító" fehérje alkalmazási lehetőségei a környezeti biomonitoringban. Csíki Székely Múzeum Évkönyve, Természettudományok, 2010, 517-522.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

29. Albert, Cs., **Kovács, E.,** Lányi, Sz., Csapó, J., Salamon, Sz., Csapó, J., A mikrohullámú pasztőrözés hatása a tej összetételére II. B1-, B2-, B6-, B12- és C-vitamin-, hasznosíthatólizin-, lizino-alanin-, hidroxi-metil-furfurol-tartalom. *14th International Conference on Chemistry*, 2008, 35-38.
30. Gálicza, J., Szép, S., András, Cs., Ábrahám, B., Miklóssy, I., **Kovács, E.,** Lányi, Sz., Lignocellulóz tartalmú hulladékokból származó xilóz biokonverziója biokémiai szintézisekhez szükséges nyersanyagokká. *14th International Conference on Chemistry*, 2008, 54-61.

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. Programul POC/161/6/3/ Dezvoltarea unei tehnologii de producţie de anticorpi monoclonali la sediul firmei SC CORAX-BIONER CEU SA/ANTICORP, 2021-2023, membru
2. Izolarea de noi tulpini bacteriene cu potenţiale aplicaţii în bioremediere şi în biotehnologie – CNCS-UEFISCDI: PN-II-RU-TE-2012-3-0319 (2013-2015), membru
3. Biopreparate microbiene pentru creşterea calităţii furajelor însilozate – SILOPREP: POS 2.1.1, grant nr. 565/09.09.2013. (2013-2015), membru
4. Programul PNCDI2/ Synthesis of some C4, C5 carboxilic acid building block chemicals from renewable biomass resources-BIOBUILD. Nr. Contract: 31/2012 (2012-2015), membru
5. Programul 4 PNCDI2/ Ingineria metabolică la Escherichia coli pentru obţinerea 1,4-butandiolului din glucoză şi glicerină şi conversia catalitică a acestuia la compuşi cu valoare adăugată-METABCHEM, PN-II-PT-PCCA-2013-4, Grant 119/2014 (2014-2016), membru
6. Programul 4 PNCDI2/Inoculanti microbieni pentru sisteme de agricultura durabila-MIMOSA, PNCDI 31-048/14.09.2007. (2007-2010), membru
7. Programul 4 PNCDI2/ Procedeu de obtinere de bioetanol din deseuri Agroalimentare Tratate cu Enzime Termostabile Recombinante, Obtinute prin Expresie Heterologa Extracelulara – Bio-DesEnEx, Nr. Contract: 62-090/01.10.2008 (2008-2011), membru

K. Participări la conferinţe naţionale şi internaţionale

1. Ilkei, K.-I., **Csató-Kovács, E**., Albert, Cs., Gyöngyvér, M., Gut microbiome structure and metabolic activity in type 2 diabetic patient, *23st International Symposium and Summer School on Bioanalysis,* Zagreb, 6-15 July 2025.
2. **Csató-Kovács, E**., Salamon, P., András-Korodi, M, Antal, E., Koka, A., Fejér, R., Albert, Cs., Orbán, K.Cs., Albert, B., The effect of different signal sequences on biosimilar Nivolumab production in CHO cells. *30th International Conference on Chemistry*, Cluj-Napoca, 23-26 October 2024.
3. Tőrsők, B., **Csató-Kovács, E.,** Bodor, Zs., Analysis of Escherichia coli ΔfumA's fitness and succinic acid production in the presence of different substrate. *30th International Conference on Chemistry*, Cluj-Napoca, 23-26 October 2024.
4. Laslo, É., **Csató-Kovács, E.,** Sándor, Sz., Len, H., The nutritional importance of milk according to its physico-chemical properties. *30th International Conference on Chemistry*, Cluj-Napoca, 23-26 October 2024.
5. Pál Salamon, Szilárd Gudor, Szilvia Fikó-Lászlo, Rebeka Fejér, Csongor K. Orbán, Emőke Antal, Mónika András-Korodi, **Erika Csató-Kovács**, Csilla Albert, Emese Bálint, Ildikó Miklóssy, Ferenc Kilár, Szabolcs Lányi, Beáta Albert, From Inception to Implementation: biNivo Biosimilar Product Development. *22th International Symposium and Summer School on Bioanalysis*, Prague, Czech Republic, 7-13 July 2024.
6. **Csató-Kovács, E.,** Koka, A., András-Korodi, M., Antal, E., Brumă, E., Albert, B., Development of mammalian cell line for stable production of anti-PD-1. *29th International Conference on Chemistry*, Târgu Mureş, 25-28 October 2023.
7. Brumă, E., **Csató-Kovács, E.**, Korodi, M., Orbán, Cs., Biosimilar monoclonal antibodies detection with ELISA method. *21st International Symposium and Summer School on Bioanalysis (21st ISSSB),* Târgu Mureş, 10-15 July 2023.
8. **Csató-Kovács, E**., Nagy, K., Fikó, D.R., Máthé, I., Identification and examination of phenol biodegradation pathways of Acinetobacter towneri isolated from landfill leachate Cekend, Harghita country. *6th International Conference on Chemical Engineering (ICCE 2022),* Iasi, 5 – 7 October 2022.
9. Tőrsők, B., Miklóssy, I., **Csató-Kovács, E**., Bodor, Zs., The effect of knockout fumarase gene on *Escherichia coli* metabolism. 25th International Conference on Chemistry, Cluj-Napoca, 24-26 oct. 2019.
10. Fikó, D.R., Szilveszter, Sz., **Kovács, E.,** Felföldi, T., Máthé, I., Phenolic wastewater treatment potential of bacteria isolated from landfill leachate treating bioreactor. *20th Romanian International Conference on Chemistry and Chemical Engineering,* Poiana Brasov, 6 – 9 September 2017.

11. Mara, Gy., Vincze, B., Salamon R.-V., **Kovács, E**., Effect of metal tolerant PGPR bacteria on plant growth, metal uptake and stress responses. *3rd International Conference on Chemical Engineering, ICCE 2016* - Romania, Iasi, 09 – 11 November 2016.
12. Vincze, B., Salamon R.-V., **Kovács, E.,** Mara Gy., Stress protein determination from metal stressed bean plants. *22th International Conference on Chemistry*, Timisoara, 3-6 November, 2016. ISSN: 1843-6293, p. 134.
13. Máthé, I., Fikó, D.R., **Kovács, E.,** Csitári, B., Szabó, A., Táncsics, A., Felföldi, T., Bacterial degradation of phenolic compounds in natural and artificial environments. *16th International Symposium on Microbial Ecology (ISME-16)*, Montreal (Canada), 21-26 August 2016.
14. Fikó, D.R., Kovács, E., Szilveszter, Sz., Felföldi, T., Máthé I., Phenol Degradation Potential of Bacteria Isolated From Extreme Habitats. *Proceedings of the World Congress on Civil, Structural, and Environmental Engineering (CSEE'16),* Prague, Czech Republic, 30 – 31 March, 2016.
15. Felföldi, T., **Kovács, E.,** Fikó, D.R., Tankó, Gy., Szabó, A., Nagymáté, Zs., Szilveszter, Sz., Máthé, I., Unconventional strategies for the cultivation of new bacterial strains from aquatic environments. 17th International Congress of the Hungarian Society for Microbiology, Budapest, Hungary, 8-10 July 2015.
16. Felföldi, T., **Kovács, E.,** Fikó, D.R., Tankó, Gy., Szabó, A., Nagymáté, Zs., Szilveszter, Sz., Máthé, I., Applying unconventional techniques for the laboratory cultivation of new bacterial strains. *13th Symposium on Bacterial Genetics and Ecology (BAGECO-13),* Milan (Italy), 14-18 June 2015.
17. Fikó, D.R., Jakab, E., **Kovács, E**., Felföldi, T., Máthé, I., Determining the Phenol-degrading Potential of Bacteria Isolated from a Landfill Leachate-treating Bioreactor. 20th *International Conference of Chemistry*, Cluj-Napoca, 6-9 nov. 2014.
18. Felföldi, T., **Kovács, E.,** Fikó, R., Tankó, Gy., Szabó, A., Nagymáté, Zs., Szilveszter, Sz., Máthé, I., Hagyományostól eltérő eljárások alkalmazása új baktériumtörzsek laboratóriumi tenyésztése érdekében. LVI. Hidrobiológus Napok, Tihany, 2014. október 1-3.
19. Máthé, I., **Kovács, E.,** Fikó, R., Tankó, Gy., Nagymáté, Zs., Szabó, A., Szilveszter, Sz., Felföldi, T., Enhancing the cultivability of bacteria with the combination of simple but unconventional methods. *15th International Symposium on Microbial Ecology (ISME-15*), Seoul (South Korea), 24-29 august 2014.
20. Fazakas (Iuhasz), A., Bodor, Zs., **Kovács, E**., Lányi, Sz., Ábrahám, B., Gene knockout using λ-Red recombination system in isolated Escherichia coli, 19th *International Conference of Chemistry*, Baia Mare, 21-24 nov. 2013.
21. Bodor, Zs., Fazakas (Iuhasz), A., **Kovács, E.**, Lányi, Sz., Ábrahám, B., Modeling and analysis of bio-based succinic acid production from reneable resources using *Escherichia coli*, *1st EuCheMS Congress on Green and Sustainable Chemistry*, Budapest, Hungary, 13-l5 oct. 2013.
22. Bodor, Zs., Fazakas (Iuhasz), A., **Kovács, E.,** Lányi, Sz., Ábrahám, B., In silico modeling and metabolic engineering of *Escherichia coli* to succinic acid production, *18th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 4-7 sept. 2013.
23. Fazakas (Iuhasz), A., Bodor, Zs., **Kovács, E.**, Lányi, Sz., Ábrahám, B., Screening of best glycerol utilizing *Escherichia coli* strains for succinate production, 18th *International Conference of Chemistry*, Băile Felix, 22-25 nov. 2012.
24. Ábrahám, B., Orbán, K.Cs., **Kovács, E.**, Szilágyi, L., Lányi, Sz. Dima, R., Heterologous expression of Photobacterium halotolerans pullulanase in *Escherichia coli*, 18th *International Conference of Chemistry*, Băile Felix, 22-25 nov. 2012.
25. Orbán, K.Cs., Ábrahám, B., Crognale, S., **Kovács, E.**, Lányi, Sz., Identification and isolation of new amylase from halophilic *Photobacterium sp*., *7th Chemical Engineering Conference for Collaborative Research for Eastern European Countries*, Corfu, Grecia, 27 apr. – 1 may 2012.
26. **Kovács, E.**, Iuhász, A., Szilágyi, L., Pálfi, M., Petres , J., Lányi, Sz., Ábrahám, B., Construction of an expression vector for periplasmic secretion of human GITRL, 17th *International Conference of Chemistry*, Cluj Napoca, 3-6 nov. 2011.
27. Petres, J., Szabó, M., **Kovács, E.,** Szilágyi, L., Ábrahám, B., Lányi, Sz., Green Fluorescent Protein Mutants as Metal Ion Receptors, 17th *International Conference of Chemistry*, Cluj Napoca, 3-6 nov. 2011.

28. **Kovács, E.**, Szabó, M., Szilágyi, L., Ábrahám, B., Lányi, Sz., Efficient refolding of the recombinant human glucocorticoid-induced TNF receptor-related ligand produced in *E. coli* as inclusion bodies, *17th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 7-10 sept. 2011.
29. Szabó (Pálfi), M., **Kovács, E.**, Petres, J., Miklóssy, I., Ábrahám, B., Lányi, Sz., Analysis of fluorescent proteins' metal sensitivity, *17th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 7-10 sep. 2011.
30. Szabó (Pálfi), M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Possible application of metal sensitive red fluorescent proteins in environmental monitoring, *6th. International Conference Environmental Engineering and Management*, Balatonalmády, Hungary, 1-4 sept. 2011.
31. **Kovács, E.**, Szabó, M., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Biosynthesis of the extracellular domain of human GITRL, *4th European Conference on Chemistry for Life Sciences*, Budapest, Hungary, 31 aug – 3 sept. 2011.
32. **Kovács, E.**, Pálfi, M., Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Purification and cleaving of the human GITRL expressed as fusion protein, *16th International Conference of Chemistry*, Cluj Napoca, 11-14 nov. 2010.
33. Pálfi, M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Caracterization of GFP mutants, *16th International Conference of Chemistry*, Cluj Napoca, 11-14 nov. 2010.
34. **Kovács, E.**, Pálfi, M., Szilágyi, L., Ábrahám, B., Miklóssy, I., Lányi, Sz, Expression of the extracellular region of human GITRL as fusion protein, C*hemical Engineering Days'*10, Veszprém, Hungary, 27-29 apr. 2010.
35. Pálfi, M., **Kovács, E.**, Szilágyi, L, Miklóssy, I., Ábrahám, B., Lányi, Sz., Obtaining and characterization of metal binding green fluorescent protein mutants, C*hemical Engineering Days'*10, Veszprém, Hungary, 27-29 apr. 2010.
36. **Kovács, E.**, Pálfi, M., Bálint, E., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Comparation of the human GITRL production in diverse bacterial expression system, *Conferinţa Zilele Ştiinţei, Asociaţia Muzeului Ardelean*, Cluj Napoca, 20 nov. 2010.
37. Pálfi, M., **Kovács, E.**, Miklóssy, I., Ábrahám, B., Lányi, Sz., The modified GFP can serve as a receptor and reporter molecule in the same time?, *Conferinţa Zilele Ştiinţei, Asociaţia Muzeului Ardelean*, Cluj Napoca, 20 nov. 2010.
38. **Kovács, E.**, Pálfi, M., Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Construction of an Expression Vector for the GITRL, *15th International Conference of Chemistry*, Târgu Mureş, 12-15 nov. 2009.
39. Pálfi, M., **Kovács, E.,** Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Engineered Green Fluorescent Protein as a Potential Metal Sensor, *15th International Conference of Chemistry*, Târgu Mureş, 12-15 nov. 2009.
40. Bodor, Zs., **Kovács, E.**, Miklóssy, I., Ábrahám, B., Bálint, E.-É., Orbán, K.Cs., Tamás, É., Szilveszter, Sz., Lányi, Sz., Heterologous expression of alpha-amylase in *Pichia pastoris, 15th International Conference of Chemistry*, Târgu Mureş, 12-15 nov. 2009.
41. Ábrahám, B., Miklóssy, I., Pálfi, M., **Kovács, E.**, Lányi, Sz., Heterologous expression of pullulanase from *Fervidobacter pennivorans* in *E. coli*, *16th Romanian International Conference on Chemistry and Chemical Engineering,* Sinaia, 9-12 sept. 2009.
42. Pálfi, M., **Kovács, E**., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Fluorescence quenching analysis of histidine-tagged enhanced green fluorescent protein, *16th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 9-12 sept. 2009.
43. Albert, Cs., **Kovács, E.,** Lányi, Sz., Csapó, J., Salamon, Sz., Csapó, J., A mikrohullámú pasztőrözés hatása a tej összetételére II. B1-, B2-, B6-, B12- és C-vitamin-, hasznosíthatólizin-, lizino-alanin-, hidroxi-metil-furfurol-tartalom, *14th International Conference on Chemistry*, Cluj-Napoca, 13-15 nov. 2008.
44. Gálicza, J., Szép, S., András, Cs., Ábrahám, B., Miklóssy, I., **Kovács, E.,** Lányi Sz., Lignocellulóz tartalmú hulladékokból származó xilóz biokonverziója biokémiai szintézisekhez szükséges nyersanyagokká, *14th International Conference on Chemistry,* Cluj-Napoca, 13-15 nov. 2008.

III. RECUNOAȘTEREA

I. Premii, distincţii.

- 2010 (1 lună) Bursă de cercetare - Domus, Academia de Ştiinţe Maghiară, Ungaria, junior cercetător, Universitatea Eötvös Loránd, Departamentul de Biochimie.
- 2010 (8 luni) Bursă de cercetare - Programul Operațional Sectorial Dezvoltarea Resurselor Umane (POS DRU), Universitatea Eötvös Loránd, Departamentul de Imunologie.
- 2018, 2019 - Premiul Institutului Balassi pentru universitari tânări

J. Citări

Citări Google Scholar
Citări: 104
h-index= 5

18 septembrie 2025 dr. Csató-Kovács Erika

Lista de lucrări în domeniul de studii universitare de licenţă biologie

Numele şi prenumele: ***Mara Gyöngyvér***

A. Teza de doctorat

The Influence of the Habitat Type on the Bombina sp. populations in the Transylvanian Hybrid Zone: Genetic and Ecological aspects. 2006. Universitatea Babes-Bolyai, Cluj, p. 1-209.

B. Cărți și capitole de cărți

1. **Mara, Gy.** Genetic and Ecological aspects of Bombina Hybridization. Scientia Publishing House, Cluj Napoca, 2011, pp. 191
2. **Mara Gy.:** Biologie. Note de curs. Editura Cermi, Iași, 2014, pp.170, ISBN: 978-973-667-392-4
3. Laslo, É., György, É., Ábrahám, B., **Mara, Gy.** 2017, Bacterial Strains with Nutrient Mobilisation Ability from Ciuc Mountains (Transylvania Region, Romania), pp 531-548 in Singh D.P., Singh H.B. and Prabha R. eds. Plant-Microbe Interactions in Agro-Ecological Perspectives Volume 1: Fundamental Mechanisms, Methods and Functions, Springer, DOI 10.1007/978-981-10-5813-4
4. Abod É., Laslo É., Szentes S., Lányi S., **Mara Gy**. 2019, Plant Growth-Promoting Bacteria: Strategies to Improve Wheat Growth and Development Under Sustainable Agriculture. pp.1-17 in: Kumar A., Meena V. (eds) Plant Growth Promoting Rhizobacteria for Agricultural Sustainability. Springer, DOI 10.1007/978-981-13-7553-8_1
5. Laslo É., **Mara Gy.** 2019, Is PGPR an Alternative for NPK Fertilizers in Sustainable Agriculture?. In: Singh D., Gupta V., Prabha R. (eds) Microbial Interventions in Agriculture and Environment. Springer, Singapore, DOI 10.1007/978-981-13-8391-5_3
6. **Mara Gy.:** Bazele geneticii. Curs. Editura T3, Sfântu Gheorghe, 2022, pp. 139, ISBN: 978-606-95430-0-9
7. **Mara Gy.**, Becze A., Vincze É.B.: Fiziologie vegetală și animală. Îndrumar de laborator. Editura T3, Sfântu Gheorghe, 2022, pp.115, ISBN 978-606-95430-1-6
8. **Mara, Gy**., Harsányi T.G., Fiziologie, Universitatea din Debrecen, 2024, pp. 99, ISBN 978-963-490-586-8

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Csergő, A.-M., Schönswetter, P., **Mara, Gy**., Deák, T., Boşcaiu, N., Höhn, M., Genetic structure of peripheral, island-like populations: a case study of *Saponaria bellidifolia* Sm. (Caryophyllaceae) from Southeastern Carpathians, Plant Syst. Evol., 2009, 278: 33-41. IF = 1.49
2. Tamás É., **Mara Gy.,** Laslo É., György É., Ábrahám B., Lányi Sz. Analysis of biofilm production, swarming and swimming motility of *Pseudomonas* strains. Studia Universitatis Babes Bolyai Seria Chemica, 2009, 2: 45-52. IF = 0.231
3. Laslo, É., György, É., **Mara, Gy.**, Tamás, É., Máthé, I., Ábrahám, B., Lányi, Sz. Applying microbial technology: solubilisation of inorganic phosphate and producing siderophore by isolated nitrogen fixing bacteria. Studia Universitatis Babes Bolyai Seria Chemica. 2009, 2: 53-60. IF = 0.231
4. György, É., **Mara, Gy.,** Máthé, I., Laslo, É., Albert B., Lányi Sz., Characterization and diversity of the nitrogen fixing microbiota from a specific grassland habitat in Ciuc Mountains, Romanian Biotechnological Letters, 2010, 15(4): 5473-5480. IF = 0.152
5. Szentes, S., **Mara, Gy.,** Máthé, I., Laslo, E., Lányi, Sz., Radu G.-L., Sociomicrobiological properties of antagonistic bacteria isolated form Borsáros Raised Bog. Studia Universitatis Babes Bolyai Seria Chemica. 2010, Special Issue: 135-142. IF = 0.231

6. Tamás É., **Mara Gy.,** Sipos, R., Mészáros, É., Márialigeti, K., Lányi, Sz. Detection of genes from soil bacteria with role in the organic nitrogen and phosphorus mobilization. Studia Universitatis Babes Bolyai Seria Chemica. 2010, Special Issue: 143-150. IF = 0.231
7. Laslo, É., György, É., **Mara, Gy.**, Szentes, S., András, Cs., Lányi, Sz. Phosphorus mobilization from different inorganic phosphates by bacteria proposed for biofertilizer. Studia Universitatis Babes Bolyai Seria Chemica. 2010, Special Issue: 89-100. IF = 0.231
8. Laslo, E., György, E., **Mara, Gy.**, Szentes, S., Salamon, R.V., András, Cs., Lányi, Sz. The management of N and P nutrition of plants using nitrogen fixing and phosphorus solubilizing bacteria. Environmental Engineering and Management Journal, 2012, Vol.11, No. 2, 371-375. IF = 1.435
9. Tamás, E., **Mara, Gy.**, Máthé, I., Laslo, E., György, E., Lányi, Sz. Isolation, characterization and identification of nitrogen and phosphorus mobilizing bacteria. Environmental Engineering and Management Journal, 2012, Vol.11, No. 3, 675-680. IF = 1.435
10. Laslo, E., György, E., **Mara, Gy.**, Tamás, E., Ábrahám, B., Lányi, Sz. Screening of plant growth promoting rhizobacteria as potential microbial Inoculants. Crop Protection, 2012, Vol. 40: 43-48, IF = 1,402.
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III. RECUNOAȘTEREA

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Prof. Dr. Mara Gyöngyvér

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Data: 10.10.2025 **Semnătura,**

Lista de lucrări

A. Teza de doctorat

Artificial Neural Networks in the modelling of the integrated urban wastewater systems. 2006. Universita degli Studi di Pavia, Italia, p. 1-210.

C. Lucrări ştiinţifice publicate

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1. **B. Ráduly**, L. Gyenge, Sz. Szilveszter, A. Kedves, S. Crognale (2016) Treatment of corn ethanol distillery wastewater using two-stage anaerobic digestion. *Water Science & Technology*, Available Online 5 May 2016, wst2016185; DOI: 10.2166/wst.2016.185
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1. László Gyenge , **Botond Ráduly,** Silvia Crognale, Szabolcs Lányi, Beáta Ábrahám (2014) Anaerobic digestion of corn-DDGS: Effect of pH-control, agitation and batch repetition. *UPB Scientific Bulletin, Series B: Chemistry And Materials Science*, in press (SCOPUS)

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1. Gyenge, L., **Ráduly, B.,** Barrera, R., Font, X., Lanyi, S., Abraham, B. (2013) *Efficiency of biogas production from corn bioe-thanol by-products using different inocula.* Proceeding of. 4th International Youth Conference on Energy (IYCE), 2013, Siofok, Hungary. DOI: 10.1109/IYCE.2013.6604171
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3. **Ráduly B.,** Belli. C., Papale, D. (2008) *Considerazioni sugli errori nel calcolo della georeferenzazione diretta: interpolazione del DEM e controdistorsione dell'ottica (Consideratii pe ororile in calculul de georeferentiare directa: interpolarea modelului digital de elevatie si corectia distorsiunii optice).* Proceedings of the 12ª Conferenza Nazionale ASITA 2008, L'Aquila 21-24 ottobre 2008, Italia
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8. **Ráduly B.**, Gernaey K.V., Capodaglio A.G., Mikkelsen P.S. and Henze M. (2005) *Rapid WWTP Performance Evaluation over a Wide Range of Operating Conditions Using Artificial Neural Networks*. Oral presentation. Proceedings of the 10th International Conference on Urban Drainage, 21-26 August, Copenhagen (Denmark).
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E. Editare, coordonare de volume

1. Lindblom E., **Ráduly B**. and Mikkelsen P.S. (eds.), (2005): *System process modelling report*. Environment & Resources DTU, Technical University of Denmark. EU project report (project code: HPRN-CT-2001-00200). Net-publication hosted by the DTU and available for download at URL: http://www.er.dtu.dk/publications/fulltext/2005/MR2005-018.pdf

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. EUROPEAN RESEARCH TRAINING NETWORK (PROJECT CODE: HPRN-CT-2001-00200) - WASTEWATER TREATMENT AND SYSTEM ENGINEERING (WWT & SYSENG). 10.2002 – 01.2006. Finantat de UE. Membru.
2. CENTRO DI ECCELLENZA TECNOLOGICO PER LO STUDIO E IL MONITORAGGIO AMBIENTALE TRAMITE VETTORI AERIE (Centrul De Excelenta Tehnologica Pentru Studierea Si Monitorarera Ambientala Cu Ajutorul Platformelor Aeriane). 01.2007 – 09.2008 Finantat de UE si cofinantat de statul Italian. Membru.

K. Participări la conferinţe naţionale şi internaţionale

1. **Ráduly B.,** Belli. C., Papale, D. (2008) *Considerazioni sugli errori nel calcolo della georeferenzazione diretta: interpolazione del DEM e controdistorsione dell'ottica (Consideratii pe ororile in calculul de georeferentiare directa: interpolarea modelului digital de elevatie si corectia distorsiunii optice).* 12a Conferenza Nazionale ASITA 2008, L'Aquila 21-24 ottobre 2008, Italia
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Data
10/10/ 2025

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

NUMELE ȘI PRENUMELE: SZÉP RÓBERT-EUGEN

I. LISTA PUBLICAȚIILOR RELEVANTE

Szép R., Mateescu E., Nechifor A.C., Keresztesi Á.: Chemical characteristics and source analysis on ionic composition of rainwater collected in the Carpathians "Cold Pole", Ciuc basin, Eastern Carpathians – Romania. Environmental Science and Pollution Research, Volume: 24, Issue: 35, Page: 27288-27302, 2017, DOI: 10.1007/s11356-017-0318-2

Szép R., Mateescu E., Nita I.A., Birsan M.V., Bodor Zs., Keresztesi Á.: Effects of the Eastern Carpathians on atmospheric circulations and precipitation chemistry from 2006 to 2016 at four monitoring stations (Eastern Carpathians, Romania), Atmospheric Research, Volume 214, Issue 1, Pages: 311-328, 2018. DOI: https://doi.org/10.1016/j.atmosres.2018.08.009

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Keresztesi Á., Birsan M.V., Nita I.A., Bodor Zs., **Szép R.**, Assessing the neutralisation, wet deposition and source contributions of the precipitation chemistry over Europe during 2000–2017, *Environmental Sciences Europe*, vol. 31, Article number: 50, 2019. https://doi.org/10.1186/s12302-019-0234-9

Keresztesi Á., Nita I.A., Birsan M.V., Bodor Zs., **Szép R.**: The risk of cross-border pollution and the influence of regional climate on the rainwater chemistry in the Southern Carpathians, Romania, *Environmental Science and Pollution Research*, 2020. https://doi.org/10.1007/s11356-019-07478-9

Bodor Z., Bodor K., Keresztesi Á., **Szép R.**: Major air pollutants seasonal variation analysis and long-range transport of PM 10 in an urban environment with specific climate condition in Transylvania (Romania). *Environmental Science and Pollution Research*, 2020. https://doi.org/https://doi.org/10.1007/s11356-020-09838-2.

Katalin BODOR, Zsolt BODOR, Alexandru SZÉP, **Róbert SZÉP**, Human health impact assessment and temporal distribution of trace elements in Copșa Mică- Romania, *Scientific Reports*, 11:7049, 2021.

Katalin BODOR, Zsolt BODOR, Alexandru SZÉP, **Róbert SZÉP**, Classification and hierarchical cluster analysis of principal Romanian bottled mineral waters, *Journal of Food Composition and Analysis*, 100, 2021, 103903.

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II. LISTA COMPLETĂ DE PUBLICAŢII, CREAŢII, INVENŢII

A. Teza de doctorat.

Cercetări privind reabilitarea ecologică a perimetrului minier Bălan, Harghita, Victor Arad, Foarte bine

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

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

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

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

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B5. Capitole de cărţi publicate în străinătate

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B6. Capitole de cărţi publicate în ţară

A.S. Bădărău, M.I. Bărbos, R. Burlacu, C.M. Ciocănea, L. Ciornei, ..., **R. E. Szép**, Cartarea Ecosistemelor Naturale și Seminaturale Degradate, Editura Academiei Române, București, 2018, ISBN 978-973-27-2902-1

S. Avram, A.M. Corpade, C. Corpade, A. Croitoru, S. Dedu, C. Gheorghe, C.V. Maloș, N. Manta, M. I. Niculae, I. Onițel, I.S. Pacu, M. Robu, A. Roman, C. Samoila, A. Sin-Schneider, **R. Szép** et al., Atlasul Ecosistemelor Degradate din România, Editura Academiei Române, București 2021, ISBN 978-973-27-3332-5.

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. **Szép R.**, Mátyás L.: The role of regional athmospheric stability in high-PM10 concentration episodes in Miercurea Ciuc (Harghita) – *Carpathian Journal of Earth and Environmental Sciences*, Volume: 9, Issue: 2, Page: 241-250, 2014

2. **Szép R.,** Mátyás L., Keresztes R., Ghimpusan M.: Tropospheric Ozone Concentrations - Seasonal and Daily Analysis and its Association with NO and NO2 as a Function of NOx in Ciuc Depression – Romania – *Revista de Chimie*, vol. 67., 2., Page: 205-213, 2016.

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23. Rápó E., Posta K., Suciu M., **Szép R.**, Tonk Sz.: Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions using Calcined Eggshell as Biosorbent, *Acta Chimica Slovenica*, vol. 66, 648-658, 2019.

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26. Keresztesi Á., Nita I.A., Birsan M.V., Bodor Zs., **Szép R.**: The risk of cross-border pollution and the influence of regional climate on the rainwater chemistry in the Southern Carpathians, Romania, *Environmental Science and Pollution Research*, 2020. https://doi.org/10.1007/s11356-019-07478-9

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analysis and long-range transport of PM 10 in an urban environment with specific climate condition in Transylvania (Romania). *Environmental Science and Pollution Research*, 2020. https://doi.org/https://doi.org/10.1007/s11356-020-09838-2.

34. Micheu M.M., Birsan M.V., **Szép R.**, Keresztesi Á., Nita I.A.: From air pollution to cardiovascular diseases: the emerging role of epigenetics. *Molecular Biology Reports*, 2020. https://doi.org/10.1007/s11033-020-05570-9

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41. Katalin BODOR, Zsolt BODOR, Alexandru SZÉP, **Róbert SZÉP**, Human health impact assessment and temporal distribution of trace elements in Copşa Mică-Romania, *Scientific Reports*, 11:7049, 2021.

42. Katalin BODOR, Zsolt BODOR, Alexandru SZÉP, **Róbert SZÉP**, Classification and hierarchical cluster analysis of principal Romanian bottled mineral waters, *Journal of Food Composition and Analysis*, 100, 2021, 103903.

43. Katalin BODOR, **Róbert SZÉP**, Zsolt BODOR, The human health risk assessment of particulate air pollution ($PM_{2.5}$ and PM_{10}) in Romania, *Toxicology Reports*, 9, 2022, 556-562.

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45. Bodor Katalin, **Szép Róbert**, Keresztesi Ágnes, Bodor Zsolt, Temporal evolution of $PM_{2.5}$, PM_{10}, and total suspended particles (TSP) in the Ciuc basin (Transylvania) with specific microclimate condition from 2010 to 2019. *Environ Monit Assess*. 2023 Jun 2;195(7):798. doi: 10.1007/s10661-023-11407-2.

46. Katalin Bodor, Bernadett Tokos, Zsolt Bodor, Ágnes Keresztesi, Szilvia László, George Garbacea, **Róbert Szép**, Hydro-geochemical characterization of the main European mineral water brands, *Journal of Food Composition and Analysis*, Volume 122, 2023, 105438, https://doi.org/10.1016/j.jfca.2023.105438.

47. Katalin Bodor, Róbert Szép, Zsolt Bodor, Examination of air pollutants and their risk for human health in urban and suburban environments for two Romanian cities: Brasov and Iasi, Heliyon, Volume 9, Issue 11, 2023, e21810, ISSN 2405-8440, https://doi.org/10.1016/j.heliyon.2023.e21810.

48. Bodor Katalin, Tamási Borbála, Keresztesi Ágnes, Bodor Zsolt, Orbán Kálmán Csongor, Szép Róbert, A comparative analysis of the nutritional composition of several dairy products in the Romanian market, Heliyon, DOI: 10.1016/j.heliyon.2024.e31513

49. Bodor Katalin, Tamási Borbála, Len Adél, Keresztesi Ágnes, Szép Róbert, Bodor Zsolt, Investigation of the properties of different potato varieties and analysis of the starch structure, Applied Food Research DOI: https://doi.org/10.1016/j.afres.2025.100998

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

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

-

E. Editare, coordonare de volume

B. Roşca, L. Niacşu, R. Szép., Particularităţi pedogenetice în aria vulcanică a Harghitei şi Depresiunea Ciucului, Editura Universităţii "Alexandru Ioan Cuza" din Iaşi, Iaşi, 2025, ISBN 978-606-714-949-4

F. Brevete de invenţii şi alte titluri de proprietate

RO136002(A0) – 2022-09-0 **Rover Autonom pentru Colectarea şi Raportarea Valorilor Calităţii Aerului,**

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. **Responsabil proiect ADER 16.3.4.** - "Studii şi cercetări privind dezvoltarea fermelor şi gospodăriilor ţărăneşti montane prin optimizarea utilizării pajiştilor silvo-pastorale bazată pe amenajarea, evaluarea valorii nutritive şi a capacităţii de încărcare a acestora pe specii de animale, bovine, ovine, caprine, existente la nivel local, comparativ cu rasele specializate", valoare proiect 900.000 RON total proiect, din care 164.611 RON pentru partener.

2. **Responsabil proiect ADER 5.2.1.** - "Cercetări privind perfecţionarea sistemului de monitorizare, prevenire şi control a principalelor boli bacteriene şi dăunători de carantină care afectează producerea cartofului în România, Clavibacter, Ralstonia, Synchitrium endobioticum, Dithylenchus sp".

3. **Responsabil proiect ADER 5.2.2.** - "Cercetări privind elaborarea unui sistem inovativ de monitorizare a afidofaunei şi a sistemelor de monitorizare, control şi testare a calităţii biologice la cartoful de sămânţă".

4. **Responsabil proiect ADER 7.3.15.** - "Stabilirea măsurilor şi mijloacelor de prevenire şi combatere integrată a dăunătorului Tuta absoluta, molia minieră la culturile de tomate în spaţii protejate".

5. **Responsabil proiect ADER 13.1.1.** – "Cercetări privind ameliorarea, protecţia şi conservarea resurselor genetice din apele interioare şi din acvacultura României".

6. **Director proiect ADER 23.1.3. –** "Evaluarea şi creşterea viabilităţii unor specii de polenizatori din zonele Carpatice", valoare proiect 1.100.000 RON.

7. **Membru proiect - ADER:** Studiul modificării fenologiei culturilor de cartof în zonele montane în contextul schimbărilor climatice. Contract 5.1.5/17.07.2023 1.100.000 RON

8. **Membru proiect - ADER** - Studii privind variaţia spaţio-temporală a chimismului precipitaţiilor din Carpaţi şi aportul ionic asupra pajiştilor montane. Contract 23.1.2/14.07.2023 - 1.100.000 RON

9. **Membru proiect - ADER** - Monitorizarea stării de conservare a biodiversităţii vegetale din agroecosistemele zonelor umede la nivel naţional, cuprinse în măsura GAEC 2-Planul National Strategic-. Contract 23.1.5/13.07.2023 - 1.200.000 RON

Expert de mediu (ianuarie 2015 – august 2016) - Institutul National de Cercetare-Dezvoltare pentru Protectia Mediului - Programul Operaţional Sectorial Transport -

"Monitorizarea impactului asupa mediului a lucrărilor de îmbunătăţire a condiţiilor de navigaţie pe Dunăre între Călăraşi şi Brăila, între km 175 şi km 375" 2011-2017

Hidrogeolog - Studiul fizico-chimic şi microbiologic al sistemului de apă potabilă al fabricii de bere de la Sânsimion al companiei Sc. Lixid Project SRL. Nr. inreg. Univ. Sapientia: 57/23.01.2015, Perioada: 23.01.2015 – 31.07.2015. Szerződő felek. Sapientia EMTE -Sc. Lixid Project SRL

Hidrogeolog - Studiul fizico-chimic şi microbiologic şi igienico-sanitar la noua fabrică de bere de la Sânsimion. Nr. de inregistrare Univ. Sapientia: 231/11.12.2015, Perioada: 11.12.2015 – 31.05.2016, Szerződő felek. Sapientia EMTE - Sc. Xindex Eco SRL

H. Creaţia artistică

H1 Participări la manifestaţii artistice internaţionale
H2. Participări la manifestaţii artistice naţionale
H3. Expoziţii, filme, spectacole, concerte, discuri de autor, opere internaţionale
H4. Expoziţii, filme, spectacole, concerte, discuri de autor, opere naţionale
H5. Produse cu drept de proprietate intelectuală în domeniul artistic

III. RECUNOAŞTEREA

I. Premii, distincţii.

1. Ilie M., **Szep R.**, Marinescu F., Ghita G., Deak Gy., Petrescu A., Anghel A.M., Uritescu B., Raischi M., Savin I., Ecological risk assessment of heavy metals in surface sediments from the Danube River, 1st International Conference on „Ecology and Protection of Marine and Freshwater Environments" ECOPROWATER 2015, October 1-3, 2015 at Viterbo – Italy, pg.56, **Premiul I la secţiunea de prezentare postere**

2. **AUR Euroinvent** - Ilie Andrei-Gabriel, Deák György, **Szép Róbert-Eugen**, Keresztesi Ágnes-Zsuzsa, Gold medal, 14 editon of 2022 Euroinvent European Exhebition of Creativiti and Innovation, 28.05.2022

3. **Premiu de excelenţă** EUROinvent - **Szép Róbert**, Keresztesi Ágnes, Deák György, Matei Monica, Gold medal, 16th editon of 2024 Euroinvent European Exhebition of Creativiti and Innovation, 08.06.2024

J. Citări

Citări Scopus: 1019
Indice Hirsch: 18
Factor de impact (cumulat): 111.904
Atricole Q1 – 12
Articole Q2 – 9
Proiecte de cercetare dezvoltare inovare
– manager de proiect, director de proiect, responsabil proiect -13
– membru în echipe de proiect - 4

Anul	Nume autori, titlul articolului	2020	2021	2022	2023	2024	Total	IF al revistei	Articole (Q1,Q2..)
2019	Keresztesi Ágnes, Birsan Marius-Victor, Nita Ion-Andrei, Bodor Zsolt, Szép Róbert, "Assessing the neutralisation, wet deposition and source contributions of the precipitation chemistry over Europe during 2000–2017"	13	20	19	13	16	81	5.9	Q1
2020	Rápó Eszter, Aradi Laszlo Előd, Szabó Abél, Posta Katalin, Szép Róbert, Tonk Szende, "Adsorption of Remazol Brilliant Violet- 5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent"	3	14	19	6	9	51	4,6	Q1
2020	Keresztesi Ágnes, Nita Ion-Andrei, Boga Réka, Birsan Marius-Victor, Bodor Zsolt, Szép Róbert, "Spatial and long-term analysis of rainwater chemistry over the conterminous United States"	2	11	13	13	11	50	8.3	Q1
2020	Keresztesi Ágnes, Nita Ion-Andrei, Birsan Marius-Victor, Bodor Zsolt, Pernyeszi Timea, Micheu Miruna Mihaela, Szép Róbert, "Assessing the variations in the chemical composition of rainwater and air masses using the zonal and meridional index"	5	15	5	2	4	31	5.5	Q2
2020	Bodor Zsolt, Bodor Katalin, Keresztesi Ágnes, Szép Róbert, "Major air pollutants seasonal variation analysis and long-range transport of PM_{10} in an urban environment with specific climate condition in Transylvania (Romania)"	2	10	9	25	25	71	5.4	Q3
2020	Keresztesi Ágnes, Nita Ion-Andrei, Birsan Marius-Victor, Bodor Zsolt, Szép Róbert, "The risk of cross-border pollution and the influence of regional climate on the rainwater chemistry in the Southern Carpathians, Romania"	5	9	1	3	4	22	5.4	Q3
2020	Micheu Miruna-Mihaela, Birsan Marius-Victor, Szép Róbert, Keresztesi Ágnes, Nita Ion-Andrei, "From air pollution to cardiovascular diseases: the emerging role of epigenetics"	-	4	5	6	3	18	2,7	Q2
2020	Birsan Marius-Victor, Nita Ion-Andrei, Craciun, Alexandra, Sfica Lucian, Radu Crina, Szép Róbert, Keresztesi Ágnes, Micheu Miruna Mihaela, " Observed changes in mean and maximum monthly wind speed over Romania since AD 1961"	3	3	5	2	4	17	2.7	Q3
2020	Nita Ion-Andrei, Sfica Lucian, Apostol Liviu, Radu Crina, Birsan Marius-Victor, Szép Róbert, Keresztesi Ágnes, "Changes in cyclone intensity over romania according to 12 tracking methods"	-	4	3	-	-	7	2.7	Q3
2021	Bodor Katalin, Bodor Zsolt, Szép Alexandru, Szép Róbert, "Human health impact assessment and temporal distribution of trace elements in Copșa Mică- Romania"		1	1	2	3	7	4,6	Q1
2021	Bodor Katalin, Bodor Zsolt, Szép Alexandru, Szép Róbert, "Classification and hierarchical cluster analysis of principal Romanian bottled mineral waters"		1	4	5	2	12	4.5	Q1
2021	Bodor Katalin, Micheu Miruna Mihaela, Keresztesi Ágnes, Birsan Marius-Victor, Nita Ion-Andrei, Bodor Zsolt, Petres Sandor, Korodi Attila, Szép Róbert, "Effects of PM_{10} and Weather on Respiratory and Cardiovascular Diseases in the Ciuc Basin (Romanian Carpathians)"	-	3	2	4	4	13	2.9	Q2
2021	Bodor Katalin, Bodor Zsolt, Szép Róbert, "Spatial distribution of trace elements (As, Cd, Ni, Pb) from PM_{10} aerosols and human health impact assessment in an Eastern European country, Romania"	-	1	5	4	6	16	3,0	Q3

Anul	Nume autori, titlul articolului	2020	2021	2022	2023	2024	Total	IF al revistei	Articole (Q1,Q2..)
2021	Boga Reka, Keresztesi Agnes, Bodor Zsolt, Tonk Szende, Szep Robert, Micheu Miruna Mihaela, "Source identification and exposure assessment to PM_{10} in the Eastern Carpathians, Romania"	-	1	1	1	1	4	2,3	Q3
2021	Kosa Csaba Attila, Nagy Krisztina, Szenci Otto, Baska-Vincze Boglarka, Andrasofszky Emese, Szep Robert, Keresztesi Agnes, Mircean Mircea, Taulescu Marian, Kutasi Orsolya, "The role of selenium and vitamin E in a Transylvanian enzootic equine recurrent rhabdomyolysis syndrome"	-	-	-	-	-	0	0,9	Q3
2021	Micheu Miruna-Mihaela, Birsan, Marius-Victor, Nita Ion-Andrei, Andrei Meda-Daniela, Nebunu Delia, Acatrinei Camelia, Sfica Lucian, Szep Robert, Keresztesi Agnes, De Arroyabe Hernaez Pablo Fernandez, Onciul Sebastian, Scafa-Udriste Alexandru, Dorobantu Maria, "Influence of meteorological variables on people with cardiovascular diseases in Bucharest, Romania (2011-2012)"	-	1	3	-	3	7	2.7	Q3
2021	Boga Reka, Keresztesi Agnes, Bodor Zsolt, Miklossy Ildiko, Nita Ion-Andrei, Birsan Marius-Victor, Micheu Miruna Mihaela, Szep Robert, "Influence of rising air temperature and solar radiation on the tropospheric ozone in the Ciuc Basin, Romania"	-	-	-	-	-	0	2,7	Q3
2022	Katalin Bodor, Róbert Szép, Zsolt Bodor, "The human health risk assessment of particulate air pollution ($PM_{2.5}$ and PM_{10}) in Romania"	-	-	4	18	21	42	7,2	Q1
2022	Bodor Katalin, Szép Róbert, Bodor Zsolt, "Time series analysis of the air pollution around Ploiesti oil refining complex, one of the most polluted regions in Romania"	-	-	3	3	8	14	4,6	Q1
2023	Bodor Katalin, Szép Róbert, Bodor Zsolt, "Examination of air pollutants and their risk for human health in urban and suburban environments for two Romanian cities: Brasov and Iasi"	-	-	-	-	1	1	4,0	Q2
2023	Bodor Katalin, Tokos Bernadett, Bodor Zsolt, Keresztesi Ágnes, László Szilvia, Garbacea George, Szép Róbert, "Hydro-geochemical characterization of the main European mineral water brands"	-	-	-	-	1	1	4.3	Q2
2023	Bodor Katalin, Szép Róbert, Keresztesi Ágnes, Bodor Zsolt, "Temporal evolution of $PM_{2.5}$, PM_{10}, and total suspended particles (TSP) in the Ciuc basin (Transylvania) with specific microclimate condition from 2010 to 2019"	-	-	-	-	2	2	3.0	Q3
2024	Bodor Katalin, Tamási Borbála, Keresztesi Ágnes, Bodor Zsolt, Orbána Kálmán Csongor, Szép Róbert, " A comparative analysis of the nutritional composition of several dairy products in the Romanian market	-	-	-	-	-	0	3.4	Q2
2024	Bartos Hunor, Bodor Zsolt, Keresztesi Ágnes, Gârbacea George, Deak György, Matei Monica, Lucian Laslo, Boboc Madalina, Szép Róbert, "Advances in Beehive Monitoring Systems: Low-Cost Integrating Sensor Technology for Improved Apiculture Management"	-	-	-	-	-	0	0.78	ISP Proceedings

K. Alte realizări semnificative.

Data, 14.10.2025

Lista de lucrări în domeniul de studii universitare de licenţă

Numele şi prenumele: Szilveszter Szabolcs

A. Teza de doctorat

Theoretical and Experimental Contributions in the Study of Biological Processes in Aqueous Environment, Prof.dr.ing. Dan Robescu Niculae, Universitatea Politehnica din Bucuresti, Faculatea Energetica, Catedra de Hidraulica, Masini Hidraulice si Ingineria Mediulu

B. Cărți și capitole de cărți

1. Orbán Kálmán-Csongor, **Szilveszter Szabolcs**, Számítógépes grafika – AutoCAD, 2022, pp. 97, ISBN 978-973-0-36554-2
2. **Szilveszter Sz**., Climate Security pp. 167-182, Security, Resilience and Sustainability of the European Union. Ed. Anna Molnár, Harnos Éva Jakusné, and Mónika Szente-Varga. Budapest: Ludovika University Press, ISBN: 9786156598042, 2023.

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Fikó DR, Ráduly B, Máthé I, Felföldi T, Lányi S, **Szilveszter S.** Bioaugmentation Potential Investigation Using a Phenol Affinity Analysis of Three Acinetobacter Strains in a Multi-Carbon-Source Condition. Water. 2023 Aug 3;15(15):2815.
2. **Szilveszter, SZ.,** Fikó, D. R., Máthé, I., Felföldi, T., & Ráduly, B. (2023). Kinetic characterization of a new phenol degrading Acinetobacter towneri strain isolated from landfill leachate treating bioreactor. World Journal of Microbiology and Biotechnology, 39(3), 79.
3. **Szilveszter, Sz.,** Beltran, R., & Fuentes, A. Performance analysis of the domestic water meter park in water supply network of Ibarra, Ecuador. Urban Water Journal, 14(1), 85-96, 2017.
4. B. Ráduly, L. Gyenge, **Sz. Szilveszter**, A. Kedves, S. Crognale, Treatment of corn ethanol distillery wastewater using two-stage anaerobic digestion, Water Sci Technol. 74(2):431-7, 2016.
5. Felföldi, T., Kovács, E., Fikó, D.R., Tankó, Gy., Szabó, A., Nagymáté, Zs., **Sz. Szilveszter**, Máthé, I. 2015. Applying unconventional techniques for the laboratory cultivation of new bacterial strains\ Hagyományostól eltérő eljárások alkalmazása új baktériumtörzsek laboratóriumi tenyésztése érdekében. Hidrológiai Közlöny Journal of the Hungarian Hydrological Society 95:19-21, 2015.
6. **Sz. Szilveszter**, Raduly, B., Abraham, B., Lanyi, Sz., In Situ Imaging of Biopolymers and Extracellular Enzymes in Activated Sludge Flocs of a Municipal Wastewater Treatment Plant, J Chem Technol Biot, Vol. 88, Issue 7, pp 1295–1304, 2013. Cited by: 7.
7. Kibédi-Szabó, Cs.Z., Stroescu, M., Stoica-Guzun, A., Jinga, S.I., **Sz. Szilveszter**, Jipa, I., Dobre, T., Biodegradation Behavior of Composite Films with Poly (Vinyl Alcohol) Matrix, J Polym Environ, 20(2), pp. 422-430, 2012. Cited by: 10.
8. Sz. Szilveszter, Raduly, B., Abraham, B., Lanyi, Sz., Robescu D.N., "Mathematical models for domestic biological wastewater treatment process", EEMJ, 9(5), pp. 629-635, 2010. Cited by: 10.
9. **Sz. Szilveszter,** Raduly, B., Bucs,Sz., Abraham, B., Szabolcs Lanyi, Lanyi, Sz., Robescu D.N., Activated Sludge Floc Characterization by Confocal Laser Scanning Microscopy, EEMJ, 11 (3): 669-674, 2012. Cited by: 5.
10. **Sz. Szilveszter**, Raduly, B., Miklossy, I., Lanyi, Sz., Robescu D.N., "Enzymatic activity studies of biological wastewater treatment", Studia Universitatis Babes-Bolyai Seria Chemia, Vol. 54 Special Issue 2,pp.113-122, 2009. Cited by: 1.
11. Raduly, B., Corognale, S., **Sz. Szilveszter**, Meszaros A., "Modeling of the Biochemical Processes of the Activated Sludge Wastewater Treatment Technology", Studia Universitatis Babes-Bolyai Seria Chemia**,** Vol. 54 Special Issue 2, pp 135-146, 2009.
12. Sz. Szilveszter, Raduly, B., Miklossy, I., Abraham, B., Lanyi, Sz., Robescu D.N., "Lab scale sequencing batch reactor (sbr) construction and characterization for dynamic modeling with activated sludge model (ASM)." Studia Universitatis Babes-Bolyai Seria Chemia, Vol. 55 Special Issue, pp 119-133, 2010. Cited by: 1.

13. **Sz. Szilveszter**, Miklóssy, I., Mészáros, A., Ábrahám, B., Raduly, B., Robescu D.N.,, Lanyi, Sz., "Enzyme activities and distribution in activated sludge in a lab-scale sequencing batch reactor (SBR)", University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, Vol. 72 Issue 2., pp 141-150, 2010. Cited by: 1.
14. Harai (Molnos), É., **Sz. Szilveszter**, Abraham, B., Nagy, I., Lanyi, Sz., Munteanu, O., "Biohydrogen production with photosynthetic bacteria." Studia Universitatis Babes-Bolyai Seria Chemia**,** Vol. 54, Special Issue 2, pp 61-68, 2010.
15. Miklóssy, I., Szilágyi, L., Ábrahám, B., **Sz. Szilveszter,** Lányi, Sz., "Obtention of the Ancestral Proteinase Stemzyme-IDP-β by Heterologous Expression." , Studia Universitatis Babes-Bolyai Seria Chemia, Vol. 54, Special Issue 2, pp 11-20, 2010.

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

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

1. Szilágyi Laszlo, Ábrahám Beata, Miklóssy Ildiko, **Szilveszter Szabolcs**, Gálicza Judit, Lányi Szabolcs, "Modeling studies on the ancestral proteinase stemzyme IDP-B", University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, Vol. 72 Issue 2., 161-168, 2010
2. **Szilveszter Szabolcs**, Miklóssy Ildiko, Mészáros Alexandru, Ábrahám Beata, Ráduly Botond, Robescu Dan Niculae, Lányi Szabolcs, "Enzyme activities and distribution in activated sludge in a lab-scale sequencing batch reactor (SBR)", University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, Vol. 72 Issue 2., pp 141-150, 2010
3. Beata Ábrahám ; Ildikó Miklóssy ; Erika Kovács ; Éva Tamás ; Ildikó Mészáros ; **Szabolcs Szilveszter** ; Aurelia Brezeanu ; Szabolcs Lányi, "Genetic Analysis of Pinus sylvestris L. and Pinus sylvestris forma turfosa L. Using RAPD Markers", Notulae Scientia Biologicae, Vol 2, No 1, 129-132, 2010.

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1. **Szabolcs Szilveszter**, Botond Raduly, Szilard Bucs, Dan Robescu Niculae, Szabolcs Lanyi, Characterization of activated sludge flocs by CLSM microscopy with different staining methods, 1st Danube – Black Sea Regional Young Water Professionals Conference, Innovations in the field of water supply, sanitation and water quality, Palace of parliament Bucharest, 2011, june 14-15.
2. A. Szabó, I. Máthé, **Sz. Szilveszter**, Laura Jurecska, B. Vajna, K. Márialigeti, T. Felföldi, Next generation amplicon sequencing of the microbial community of a crater lake (Lake Saint Ana, Romania), Acta Microbiologica et Immunologica Hungarica, 60, pp: 236, 2013, Proceeding of the 4th Central European Forum for Microbiology.

F. Invenţii:

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. Programe 4, 31/048 Programe /"Microbial inoculants for sustainable agriculture systems." MIMOSA – Cercetator;
2. Programe 4 -PNCDI2/"Redesigning enzyme specificity by directed evolution: elaboration of a serine protease with specificity to the C-terminal cleavage of phosphotyrosine containing proteins." PHOSPHOTYRASE – Cercetator;
3. "BIOPREP Microbial biopreparates for increasing the productivity and crop protection" research funded by Sectorial Operational Programme, Increase of Economic Competitiveness Operation 2.1.1. of the Romanian Ministry of Labour, Family and Social Protection, through financial agreement POSCEE No. 469/11817. – Cercetator;
4. Chemical and microbiological analysis of Saint Anne Lake,2011-2014, SOIPC (KPI) Hungarian University of Transylvania - Cercetator;

5. Retrieving new bacterial isolates for potential bioremediation and biotechnological applications, Romanian National Authority for Scientific Research, CNCS – UEFISCDI; project number PN-II-RU-TE-2012-3-0319 - Cercetator;
6. Water network sectorization and non-revenue water loss analysis of water supply network in Ibarra city Ecuador / Actualizacion de la sectorizacion hidraulica y programa de reduccion de perdidas de agua en la CIudad de Ibarra y asesoramiento en su implementacion y puesta en marcha, Senescyt – Prometeo Project, Ecuador; Financial Agreement No. 2013-11, 28.8.2013; Bugetul proiectului: 93.267,86 $ –Director de proiect.
7. Aerobic granular sludge phenol removal intensification with bioaugmentation 2017-2018, SOIPC (KPI) Hungarian University of Transylvania, Project Budget: 10.000 € - Project director;
8. Interdisciplinary Training on EU Security, Resilience and Sustainability - A Simulation Supported Massive Open Online Course (EUSecure). Id: 2020-1-HU01-KA203-078719, Buget:335.070 Eur, Sapientia University 42.350 Eur – Researcher
9. Developing innovative processes and products in the forestry sector to increase competitiveness and quality of life. Consultancy in bacterial isolation, testing and composting technology, contract manager, Contract No. 95/15.06.2022, Ocolul Silvic de Regim Gheorgheni SA, Project budget: 49742 RON ≈ 9999.6 EUR.

K. Participări la conferinţe naţionale şi internaţionale

1. Ndeba-Nganongo, L. N.A., Ntawmpe, S.K.O., **Szabolcs, S**., Itoba-Tombo, E.F., 2018. The Application of ADM/ASM Interface in Sumo Wide Plant Model. Paper presented at the 10th International Conference on Advances in science, Engineering, Technology and Healthcare, South Africa, 19-20 November 2018, Cape Town, South Africa. Pp. 231-235. ISBN - 978-81-938365-2-1
2. D.R Fikó, I. Máthé, T. Felföldi, **Sz. Szilveszter**, Microcosm studies on phenol degradation affinity of different bacterial strains in multiple carbon source environment, 10th Eastern European Young Water Professionals Conference, IWA, Zagreb, Croatia, 7-11 May, 2018;
3. Fikó, D.R., **Sz. Szilveszter,** Kovacs E., Máthé, I., Phenolic wastewater treatment potential of bacteria isolated from landfill leachate treating bioreactor. 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 2017), Poiana Brașov, Romania, 06-09 June, 2017;
4. **Sz. Szilveszter,** Fikó D.R., Máthé I., Ráduly B., Felföldi T. Kinetics of phenol degradation by acinetobacter towneri strain isolated from activated sludge 9th Eastern European Young Water Professionals Conference, IWA, Budapest, Hungary, 24-27 May, 2017;
5. **Sz. Szilveszter**, Fikó, D.R., Máthé, I., Felföldi, T., Phenol Removal and Bioaugmentation Potential Analysis of Different Bacterial Strains in Wastewater, 1st International Conference on Air, Water, and Soil Pollution and Treatment (AWSPT'16), Prague, Czech Republic, March 30-31, 2016;
6. Fikó, D.R., Kovacs, E., **Sz. Szilveszter,** Felföldi, T., Máthé, I., Phenol Degradation Potential of Bacteria Isolated From Extreme Habitats, 1st International Conference on Air, Water, and Soil Pollution and Treatment (AWSPT'16), Prague, Czech Republic, March 30-31, 2016;
7. Felföldi T*, Kovács E, Fikó DR, Tankó Gy, Szabó A, Nagymáté Zs, **Sz. Szilveszter**, Máthé I. Unconventional strategies for the cultivation of new bacterial strains from aquatic environments. 17th International Congress of the Hungarian Society for Microbiology, Budapest (Hungary), 8-10 July 2015.
8. Felföldi T, Kovács E, Fikó DR, Tankó Gy, Szabó A, Nagymáté Zs, **Sz. Szilveszter**, Máthé I. Applying unconventional techniques for the laboratory cultivation of new bacterial strains. 13th Symposium on Bacterial Genetics and Ecology (BAGECO-13), Milan (Italy), 14-18 June 2015.
9. **Sz. Szilveszter**, Máthé, I., Abraham, B., Silvia Crognale, Raduly, B., Effect of Salinity on Activated Sludge Treatment Performance and Floc Morphology, 7th Eastern European Young Water Professionals Conference, IWA, Belgrade, Serbia, 17-19 September, 2015;
10. Raduly, B., Gyenge, L., **Sz. Szilveszter**, Orsolya Varga, Abraham, B., Crognale Silvia, Treatment of Corn Ethanol Distillery Wastewater Using Two-Stage Anaerobic Digestion, 7th Eastern European Young Water Professionals Conference, IWA, Belgrade, Serbia, 17-19 September, 2015;
11. **Sz. Szilveszter**, Mogos, G., Raul Beltran, Instrinsic error and economic analysis in domestic water meter park, The International Exhibition & Conference on Water Technology and Environmental Control (WATEC-Peru), Lima, Peru, 17-19 September, 2014;
12. Máthé, I., Kovács, E., Róbert Dezső Fikó, György Tankó, Zsuzsanna Nagymáté, Attila Szabó, **Sz. Szilveszter**, Tamás Felföldi, Enhancing the cultivability of bacteria with the combination of simple but unconventional methods, 15th International Symposium on Microbial Ecology (ISME), Seoul, South Corea, 24-29 August, 2014;

13. A. Szabó, I. Máthé, **Sz. Szilveszter**, Laura Jurecska, B. Vajna, K. Márialigeti, T. Felföldi, Next generation amplicon sequencing of the microbial community of a crater lake (Lake Saint Ana, Romania), 4th Central European Forum for Microbiology, Keszthely, Hungary, 16-18 October, 2013;
14. **Sz. Szilveszter**, Miklóssy Ildiko, Mészáros Alexandru, Ábrahám Beata, Raduly, B., Robescu Dan Niculae, Lanyi, Sz., Enzyme activities and distribution in activated sludge in a lab-scale sequencing batch reactor (SBR), 16th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, 9-12 sept. 2009;
15. **Sz. Szilveszter**, Rásuly Botond, Miklossy Ildiko, Lanyi, Sz., Dan Robesc Niculae, Enzymatic activity studies of biological wastewater treatment (Enzimek tanulmányozása biológiai szennyvíztisztításkor)15th Intrenational Conference of Chemistry, Tg-Mureș, Romania, 12-15 november, 2009;
16. Raduly, B., Crogonale Silvia, **Sz. Szilveszter,** Mészáros Sandor, Modeling of the biochemical processes of the activated sludge wastewater treatment technology (Az eleveniszapos szenyvíztisztítás biokémiai folyamatainak modellezése) 15th Intrenational Conference of Chemistry, Tg-Mureș, 2009, noiembrie 12-15.
17. **Sz. Szilveszter**, Rásuly Botond, Miklossy Ildiko, Lanyi, Sz., Dan Robesc Niculae, Enzim aktivitás vizsgálat eleveniszap pelyhekben, Műszaki Kémiai Napok/Conference of Chemical Engineering 2010, Veszprém apr. 27-29 – Hungary
18. **Sz. Szilveszter**, Miklóssy Ildikó, Orbán Csongor, Bodor Zsolt, Lanyi, Sz., Dan Robescu Nicolae: Az alfa-glükozidáz és alkáli foszfatáz extrakciója és aktivitásvizsgálata eleveniszap pelyhekben. . Magyar Tudomány Napja Erdélyben, Őszi természettudományi konferencia, 2009 nov. 21, Kolozsvár
19. **Sz. Szilveszter**, Raduly, B., Miklossy Ildiko, Abraham Beata, Lanyi, Sz., Dan Robescu Niculae, Lab Scale Sequencing Batch Reactor Characterization For Dynamic Modelling with Activated Sludge Models (ASM) 16th Intrenational Conference of Chemistry, Cluj Napoca, 2010, nov. 11-14.
20. Bucs Szilard, **Sz. Szilveszter**, Lavric Vasile, Experimental study of free and partialy flock's entrapped enzymes in activates sludge wastewater treatment system, 16th Intrenational Conference of Chemistry, Cluj Napoca, 2010, nov. 11-14.
21. **Sz. Szilveszter**, Botond Raduly, Szilard Bucs, Dan Robescu Niculae, Szabolcs Lanyi, Characterization of activated sludge flocs by CLSM microscopy with different staining methods, 1st Danube – Black Sea Regional Young Water Professionals Conference, Innovations in the field of water supply, sanitation and water quality, Palace of parliament Bucharest, 2011, june 14-15.
22. **Sz. Szilveszter**, Szilard Bucs, Botond Raduly, Beata Abraham, Szabolcs Lanyi, Dan Robescu Niculae, Activated sludge floc characterization by Confocal Laser Scanning Microscopy, 6th International Conference on Environmental Engineering and Management – Green Future, Balatonalmadi, Hungary, 2011, september 1-4
23. Szilágyi, Laszlo, Ábrahám Beata, Miklóssy Ildiko, **Sz. Szilveszter**, Gálicza Judit, Lanyi, Sz., "Modeling studies on the ancestral proteinase stemzyme IDP-B", 16th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, 9-12 sept. 2009
24. Bodor Zsolt, Kovács Erika, Miklóssy Ildikó, Abraham, B., Bálint Emese-Éva, Orbán Kálmán Csongor, Tamás Éva, **Sz. Szilveszter**, Lanyi, Sz.: Termostabil enzimek extracelluláris heterológ expressziója keményítő tartalmú hulladékok kezelésére. Magyar Tudomány Napja Erdélyben, Őszi természettudományi konferencia, 2009 nov. 21, Kolozsvár
25. Bodor Zsolt, Kovács Erika, Miklóssy Ildiko, Ábrahám Beata, Bálint Emese, Orbán Csongor, Tamás Éva., **Sz. Szilveszter**, Lányi Sz., Heterologous expression of alpha-amylase in E. Coli (Alfa-amiláz heterológ expressziója E. Coli-ban) 15th Intrenational Conference of Chemistry, Tg-Mureș, 2009, noiembrie 12-15.
26. **Sz. Szilveszter**, Raduly, B., Abraham Beata, Activated sludge floc characterization by Confocal Laser Microscopy, 18th International Conference on Chemistry, Baile Felix, Romania, 22-25 November, 2012.

III. RECUNOAȘTEREA

I. Premii, distincţii.

- 2016 - Best Paper Award, World Congress on Civil, Structural and Environmental Engineering (CSEE'16), Prague, Czech Republic.
- 2017 - Young University Lecturer Scholarship, Ministry of Human Capacities (Hungarian Goverment) and Eötvös Loránd University, 500000 HUF (≈1600€) scholarship award.
- 2018 - Young University Lecturer Scholarship, Ministry of Human Capacities (Hungarian Goverment) and Eötvös Loránd University, 500000 HUF (≈1600€) scholarship award.
- Seal of Excellence for project proposal 841974 DI-AGS submitted to H2020-MSCA-IF-2018 of 12 September 2018. Certificate delivered by the European Commission as the institution managing Horizon 2020, the EU Framework Program for Research and Innovation 2014-2020.

J. Citări

Citări Google Scholar
Citări: 154
h-index= 8

Data, 08.10.2025

Nume Prenume
Szilveszter Szabolcs

Lista de lucrări

NUMELE ŞI PRENUMELE: TÁNCZOS SZIDÓNIA KATALIN

A. Teza de doctorat.

Titlul: Concentrarea iodului prin membrane emulsie și flotație - Iodide concentration through flotation and emulsion membranes
Conducătorul tezei: Prof. dr. ing. Gheorghe Nechifor
Institutul: Facultatea de Chimie Aplicată și Știința Materialelor, Universitatea Politechnica din București
Calificativul: Foarte bine

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

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

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.
Szevetlen kémia laboratóriumi gyakorlatok - Dr. Tánczos Szidonia Katalin
http://emte.siculorum.ro/~tanczosszidonia/Szervetlen%20kemia%20laborgyakorlatok.doc

B5. Capitole de cărţi publicate în străinătate

B6. Capitole de cărţi publicate în ţară:

1. Cristiana Olteanu **Tanczos Szidonia Katalin**, Membrane materialals/Membranes/Membrenes processes Volumul II, Pervaporatia-Proces membranar - Editura PRINTECH, București 2011

2. **Szidonia Katalin Tanczos**, Sergiu Sava- Separarea recuperativa a aminelor aromatice prin membrane- Membrane materialals/Membranes/Membrenes processes Volumul II - Editura PRINTECH, București 2011

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1.AURELIA CRISTINA NECHIFOR, SERGIUA SAVA, OVIDIU GALES, **TANCZOS SZIDONIA KATALIN** , ALEXANDRA RALUCA MIRON, IODINE SEPARATION BY IONIC FLOTATION - Revista de Chimie, Vol 1 2013 p. 11-15 IF: 0.677

2. AURELIA CRISTINA NECHIFOR, VALERIU DANCIULESCU, ALEXANDRA RALUCA MIRON, **SZIDONIA-KATALIN TANCZOS**, OANAMARI DANIELA BUTUCEA, Regenerative iodine recuperation using medium saturated alcohols - based liquid membranes, Romanian Biological Letters, Vol. 17, No.6, 2012, p. 7835-7845, IF: 0.363

3. OCTAVIAN DORCA, PIOTR SZCZEPANSKI, VERONICA IONELA PANAIT, **SZIDONIA-KATALIN TANCZOS**, ANDREEA RADUCU, CRISTINA ORBECI, Transport and Separation of Zn(II)/Mn(II) in a MultimembraneHybrid System (MHS) - Rev. Chim., 64(9), 2013, p. 946-950. IF 0.677

4. CRISTINA ORBECI, VERONICA PANAIT, LACRAMIORA NAFTANAILA, OCTAVIAN DORCA, **SZIDONIA-KATALIN TANCZOS**, ALEXANDRA RALUCA MIRON The study of protein recovery using molecular flotation and ultrafiltration, Revista de chimie, 2013 nr. 12. pag 1385-1389 IF 0.677

5. C. ORBECI , **SZIDONIA KATALIN TANCZOS**, E. VASILE, A. DINU, A.C. NECHIFOR, Preparation and properties of a photocatalyst with TiO2 nanoparticles OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS, 2013 IF: 0.449

6. PIOTR SZCZEPAN, **TANCZOS SZIDONIA-KATALIN**, LUCIAN D. GINDEANU, ROMULAD WODZKIA Transport of p-nitrophenol in an agitated bulk liquid membrane system – Experimental and theoretical study by network analysis, Separation and Purification Technology, 132 (2014) 616-626 IF 3,091

7. **SZIDONIA-KATALIN TANCZOS**, IRINA CHICAN, ALEXANDRA RALUCA MIRON, DOINA ANTONETA RADU, ANDREEA RADUCU, AURELIA CRISTINA NECHIFOR Emulsion Membranes Iodine Separation, I. Preparation of organic phase membrane emulsion / receiving aqueous solution- REVISTA CHIMIE (Bucharest) 65 No.6 2014, 636-643 IF: 0.810

8. **SZIDONIA-KATALIN TANCZOS**, ALEXANDRA RALUCA MIRON, ANDREEA DINU, ANDREEA RADUCU, ALINA CRISTEA, AURELIA CRISTINA NECHIFOR Emulsion Membranes Iodine Separation Iodine Separation with Emulsion Membranes Based on Cyclohexanol II- REV. CHIM. (Bucharest) 65 No.7 2014, 744-749 IF: 0.810

9. MIRON ALEXANDRA RALUCA, RIKABI ABBAS ABDUL KADHIM KLAIF, NICOLAIE ALEXANDRA, GABRIELA RADU, DOINA ANTONELA, IORDACHE IONUT, **TANCZOS SYIDONIA KATALIN** , SEPARATION OF CHLOROPHENOLS USING INVERSE EMULSION WITH CARRIER, REVISTA DE CHIMIE Volume: 65 Issue: 10 Pages: 1129-1134 Published: OCT 2014 IF: 0.810

10. **SZIDONIA-KATALIN TANCZOS**, ALEXANDRA RALUCA MIRON, ABBAS ABDUL KADHIM KLAIF RIKABI1, MARIETA GHIMPUSAN, SERGIU SAVA, AURELIA CRISTINA NECHIFOR Iodine Ionic-Molecular Flotation in a Lab-made Device/ Installation and Preliminary Tests- REV. CHIM. (Bucharest) 65 No.8 2014, 880-883, IF: 0.810

11. ALEXANDRA RALUCA MIRON1, ABBAS ABDUL KADHIM KLAIF , ALEXANDRA-GABRIELA NICULAE, **SZIDONIA-KATALIN TANCZOS**, Kinetic Study of Alizarin Saphirol and Indigo Carmine Dyes Adsorption Process, REV. CHIM. (Bucharest) ♦ 66 ♦ No. 1 ♦ 2015 IF: 0.95

12. ALEXANDRA RALUCA MIRON, AURELIA CRISTINA NECHIFOR, ABBAS ABDUL KADHIM KLAIF RIKABI, **TANCZOS SZIDONIA KATALIN**, Separation of aromatic intermediates of biological interest using emulsion liquid membranes , Environmental Engineering and Management Journal 14 (2015), 2, 373-379 IF: 1.008

13. MIHAELA EMANUELA CRACIUN1, GEORGIANA CRETU1, CRISTINA MONICA MIREA1, **SZIDONIA-KATALIN TANCZOS**, ALEXANDRU-GEORGE POPA, ALEXANDRA RALUCA MIRON, Anthocyanins Identification, Separation and Measurement from Cranberry, Blueberry, Bilberry, Chokeberry and Acai Berry Extracts by HPTLC, REV. CHIM. (Bucharest) ♦ 66 ♦ No. 7 ♦ 2015 IF: 0.95

14. Nechifor Aurelia Cristina; Rikabi Abbas Abdul Kadhim Klaif, Daniela Dumitra, **Tanczos, Szidonia-Katalin**; Trisca-Rusu Corneliu; Orbeci Cristina
SYNTHESIS OF Fe3O4 - TiO2 COMPOSITE NANOPARTICLES FOR AMPICILLIN AND PENICILLIN G PHOTO-DEGRADATION, REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS Volume: 45 Issue: 1 Pages: 80-90 Published: 2015 IF: 0.612

15. ALEXANDRA RALUCA MIRON, CRISTINA MIREA, HUSSAM NADUM ABDALRAHED, DANIELA FLORENTINA ENACHE, DOINA ANTONETA RADU, **SZIDONIA-KATALIN TANCZOS-** The Separation of Chlorophenols Using Inverse Emulsion with Carrier. II REV. CHIM. (Bucharest) ♦ 66 ♦ No. 12 ♦ 2015 IF: 0.95

16. GEORGE ALEXANDRU POPA, GHEORGHE NECHIFOR, DANIELA FLORENTINA ENACHE (POPA), **SZIDONIA-KATALIN TANCZOS**, ADRIAN CIOCANEA, POLIMERIC MEMBRANES PREPARED WITH SURFACTANTS USED FOR ULTRAFILTRATION OF AQUEOUS SOLUTIONS OF FOOD DYE, *STUDIA UBB CHEMIA, LXII, 4, Tom I, 2017 (p. 47-58) IF: 0.305*

17. GEORGE ALEXANDRU POPA, DANIELA FLORENTINA ENACHE (POPA), **SZIDONIA KATALIN TANCZOS**, ADRIAN CIOCANEA, Ultrafiltration of Aqueous Solutions of Food Dye Using Polymeric Membranes Prepared with Surfactants, MATERIALE PLASTICE ♦54♦No. 4 ♦2017 IF: 1.248

18. HUSSAM NADUM ABDALRAHEEM AL ANI, ANCA MARIA CIMBRU, CORNELIU TRISCA-RUSU, **SZIDONIA KATALIN TANCZOS**, ADRIANA CUCIUREANU5, AURELIA CRISTINA NECHIFOR, Iono-molecular Separation with Composite Membranes II. Preparation and characterization of polysulphone and composite nanoparticles, REV.CHIM.(Bucharest)♦68♦No. 2 ♦2017 IF: 1.412

19. HUSSAM NADUM ABDALRAHEEM AL ANI, ANCA-MARIA CIMBRU, **SZIDONIA KATALIN TANCZOS**, ION SPIRIDON , ADRIANA CUCIUREANU, ION MARIUS NAFLIU, GHEORGHE NECHIFOR, Iono-molecular Separation with Composite Membranes III. Nitrophenols separation on polysulphone and composite nanoparticles ultrafiltration, REV.CHIM.(Bucharest)♦68♦No. 3 ♦2017 IF: 1.412

20. GAVRIL lUCIAN GHEOGOVICI, CORNELIU TRISCA RUSU, ELENA VOICILOR, ION MARIUS NAFLIU, ANCA MARIA CIMBRU, **TANCZOS SZIDONIA KATALIN,** Titanium Dioxide for Biomedical Uses, The controlled productiuo of nanoparticles by hidrothermal synthesis moderated by dimedone. REV. CHIMIE. 68. No. 1, 2017 IF: 1.412

21. ION SPIRIDON , ANCA MAIRIA CIMBRU, ABBAS ABDUL KADHIM KLAIF RIKABI, **SZIDONIA KATALIN TANCZOS,** TICU (COTORCEA) SIMONA , GHEORGHE NECHIFOR. Iono-molecular Separation with Composite Membranes VI. Nitro-phenol separation through sulfonated polyether ether ketone on capillary polypropylene membranes, 2018/7/1, REVISTA DE CHIMIE, 69(7) 1603-1607 IF: 1.412

22. MIRCEA SEGARCEANU, ALEXANDRA RALUCA MIRON, **TANCZOS SZIDONIA KATALI**N, ABBAS ABDUL KADHIM KLAIF RIKABI, ION MARIUS NAFLIU, DANUT IONEL VAIREANU, Dynamic Membranes on Polysulfone Support for Fuel Cells, 2018/6/1, MATERIALE PLASTICE, p. 137-140 IF: 1.248

23. ION SPIRIDON, ANCA MARIA CIMBRU, HUSSAM NADUM ABDALRAHEEM AL ANI, ION MARIUS NAFLIU, **TANCZOS SZIDONIA KATALIN**, GHEORGHE NECHIFOR. Iono-molecular Separation with Composite Membranes V. Nitro-phenol separation on n-alkylalcohols supported liquid membranes 2018/5/1, REVISTA DE CHIMIE, 1084-1088 IF: 1.412

24. ION MARIUS NAFLIU, HUSSAM NADUM ABDALRAHEEM AL ANI, ALEXANDRA RALUCA GROSU**, SZIDONIA KATALIN TANCZOS**, IOANA MAIOR, AURELIA CRISTINA NECHIFOR. Iono-molecular Separation with Composite Membranes. 2018, MATERIALE PLASTICE 55 (4) IF: 1.248

25. RANA ABDULILAH ABBAS1 , AFNAN E. ABD-ALMONUIM , AMER J. JARAD , **SZIDONIA-KATALIN TANCZOS**, PAUL CONSTANTIN,Synthesis, Characterization and Biological Evaluation of Cr(III), Fe(III), Co(II), Ni(II), Zn(II) and Cd(II) Complexes Using an Azo Dye as Ligand, Rev. Chim., 71 (6), 2020, 1-8 IF: 1.755

26. GHEORGHE NECHIFOR, FLORENTINA MIHAELA PAUNESCU, ALEXANDRA RALUCA GROSU, PAUL CONSTANTIN ALBU, OVIDIU OPREA, **TANCZOS SZIDONIA KATALIN,** CONSTANTIN BUNGAU, VLAD ALEXANDRU GROSU, ANDREA PĂRȚAC, AURELIA CHRISTINA NECHIFOROsmium Nanoparticles–Polypropylene Hollow Fiber Membrane Applied in Redox Processes,Nanomaterials (ISSN 2079-4991) on 23 September 2021, IF: 5,076

27. AURELIA CHRISTINA NECHIFOR, ALEXANDRU GORAN, VLAD ALEXANDRU GROSU, ANDREA PĂRȚAC, PAUL CONSTANTIN ALBU, OVIDIU OPREA, ALEXANDRA RALUCA GROSU, DUMITRU PASCU, FLORENTINA MIHAELA PAUNESCU, GHEORGHE NECHIFOR, **TANCZOS SZIDONIA KATALIN,** SIMONA GABRIELE BUNGAU, Reactional Processes on Osmium-Polymeric Membranes for 5–Nitrobenzimidazole Reduction; Membranes (ISSN 2077-0375) on 13 August 2021, IF: 4,106

28. GHEORGHE NECHIFOR, FLORENTINA MIHAELE PĂNCESCU, PAUL CONSTANTIN ALBU, ALEXANDRA RELUCA GROSU, OVIDIU POREA , **TANCZOS SZIDONIA KATALIN**, CONSTANTIN BUNGĂU, VLAD ALEXANDRU GROSU, MIHAIL RĂZNAN IOAN, AURELIA CRISTINA NECHIFOR, Transport and Separation of the Silver Ion with n-decanol Liquid Membranes Based on 10-undecylenic Acid, 10-undecen-1-ol and Magnetic Nanoparticles; Membranes 2021, 11, 936 IF: 4,106

29. PAUL CONSTANTIN ALBU, ANDREEA FERENCZ (DINU), HUSSAM NADAUM ABDALRAHEEM AL-ANI, **TANCZOS SZIDONIA KATALIN**, OVIDIU POREA, VLAD ALEXANDRU GROSU, GHEORGHE NECHIFOR, SIMONA GABRIELA BUNGĂU, ALEXANDRA RALUCA GROSU, ALEXANDRU GORAN, AURELIA CRISTINA NECHIFOR , Osmium Recovery as Membrane Nanomaterials through 10–Undecenoic Acid Reduction Method. Membranes, January 2022 IF: 4.562

30. ANDREEA FERENCZ (DINU), ALEXANDRA RALUCA GROSU, HUSSAM NADAUM ABDALRAHEEM AL-ANI, AURELIA CRISTINA NECHIFOR, **TANCZOS SZIDONIA KATALIN**, PAUL CONSTANTIN ALBU, MIHAELA EMANUELA CRĂCIUNI, MIHAIL RĂZNAN IOAN, VLAD ALEXANDRU GROSU, GHEORGHE NECHIFOR Operational Limits of the Bulk Hybrid Liquid Membranes Based on Dispersion Systems. February 2022 Membranes 2022(12):190 IF: 4.562

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32. GHEORGHE NECHIFOR , ALEXANDRA RALUCA GROSU, ANDREEA FERENCZ (DINU), **SZIDONIA-KATALIN TANCZOS**, ALEXANDRU GORAN, ALEXANDRU GROSU, SIMONA GABRIELA BUNGĂU, FLORENTINA MIHAELA PĂNESCU, PAUL CONSTANTIN ALBU, AURELIA CRISTINA NECHIFOR , Simultaneous Release of Silver Ions and 10-Undecenoic Acid from Silver Iron-Oxide Nanoparticles Impregnated Membranes. May 2022 Membranes IF: 4.562

33. ANCA MARIA DINCU, ABBAS ABDUL KADHIM KLAIF RIKABI, OVIDIU OPREA, ALEXANDRA RALUCA GROSU, **SZIDONIA-KATALIN TANCZOS**, MARIA CLAUDIA SIMONESCU, DUMITRU PASCU, VLAD ALEXANDRU GROSU, FLORINA DUMITRU, GHEORGHE NECHIFOR, pH and pCl Operational Parameters in Some Metallic Ions Separation with Composite Chitosan/Sulfonated Polyether Ether Ketone/Polypropylene Hollow Fibers Membranes. August 2022 Membranes IF: 4.562

34. Aurelia Cristina Nechifor, Alexandru Goran, **Szidonia-Katalin Tanczos**, Florentina Mihaela Păncescu ,Ovidiu-Cristian Oprea, Alexandra Raluca Grosu, Cristian Matei, Vlad-Alexandru Grosu, Bogdan Ștefan Vasile si Paul Constantin Albu Obtaining and Characterizing the Osmium Nanoparticles/n–Decanol Bulk Membrane Used for the p–Nitrophenol Reduction and Separation System. Octombrie 2022 Membranes IF: 4.562

35. Florentina Mihaela Păncescu , Abbas Abdul Kadhim Klaif Rikabi, Ovidiu Cristian Oprea, Alexandra Raluca Grosu, Aurelia Cristina Nechifor, Vlad-Alexandru Grosu, **Szidonia-Katalin Tanczos,** Florina Dumitru, Gheorghe Nechifor si Simona Gabriela Bungău

Chitosan–sEPDM and Melatonin–Chitosan–sEPDM Composite Membranes for Melatonin Transport and Release. Februarie 2023 Membranes IF: 4.562

36. Dumitru Pascu, Aurelia Cristina Nechifor, Vlad-Alexandru Grosu, Ovidiu Cristian Oprea**, Szidonia-Katalin Tanczos**, Geani Teodor Man, Florina Dumitru, Alexandra Raluca Grosu si Gheorghe Nechifor,
Hydrogen Sulphide Sequestration with Metallic Ions in Acidic Media Based on Chitosan/sEPDM/Polypropylene Composites Hollow Fiber Membranes System. Martie 2023 Membranes IF: 4.562

38. Geani Teodor Man, Paul Constantin Albu, Aurelia Cristina Nechifor, Alexandra Raluca Grosu, **Szidonia-Katalin Tanczos**, Vlad-Alexandru Grosu, Mihail-Răzvan Ioan si Gheorghe Nechifor
Thorium Removal, Recovery and Recycling: A Membrane Challenge for Urban Mining. August 2023 Membranes IF: 4.562

39. **Emulsion Liquid Membranes Based on Os–NP/n–Decanol orn–Dodecanol Nanodispersions for p–Nitrophenol Reduction -** Andreia Pîrt, Aurelia Cristina Nechifor,**Szidonia-Katalin Tanczos**, Ovidiu Cristian Oprea, Alexandra Raluca Grosu, Cristian Matei, Vlad-Alexandru Grosu, Bogdan Stefan Vasile, Paul Constantin Albu Gheorghe Nechifor - Molecules 2024, aprilie

40. Reduction in Olfactory Discomfort in Inhabited Premises from Areas with

Mofettas through Cellulosic Derivative–Polypropylene Hollow Fiber Composite Membranes- Paul Constantin Albu , Andreia Pîrt, Ludmila Motelica , Aurelia Cristina Nechifor, Geani Teodor Man, Alexandra Raluca Grosu, **Szidonia-Katalin Tanczos**, Vlad-Alexandru Grosu, Gheorghe Nechifor – Materials 2024 sept.

41. Thorium Recovery with Crown Ether–Polymer Composite Membranes - Aurelia Cristina Nechifor, Paul Constantin Albu, Ludmila Motelica, Geani Teodor Man, Alexandra Raluca Grosu, **Szidonia-Katalin Tanczos**, Vlad-Alexandru Grosu, Virgil Emanuel Marinescu, Gheorghe Nechifor – Applied Sciences oktober , 2024

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

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1. AURELIS CRISTINA NECHIFOR, **SZIDONIAKATALIN TANCZOS**, VERONICA IONELA PANAIT, EUGENIA EFTINIE - Applications of cellulosic microsystems with magnetic inclusions - Recent Advances in Engineering, Paris , 34-39

2. AURELIA CRISTINA NECHIFOR, MIHAELA PASCU(NEAGU), DANIELA ELENA PASCU, GINA ALINA TRAISTARU, VERONICA IONEL FOAMETE (PANAIT), **SZIDONIA KATALIN TANCZOS** Different spectrophotometric methods for antioxidant for activity assay of four herbs, Recent Researches in Environment and Biomedicine, Grecia 2012, p.120 -125

3. AURELIA CRISTINA NECHIFOR, **SZIDÓNIA KATALIN TÁNCZOS**, MIHAELA NEAGU, DANIELA PASCU, ADRIANA CUCIUREANU Composite PSF-PANI Membranes for Proteins Recovery, Recent Researches in Environment and Biomedicine, Grecia 2012; p. 126-131

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1. Stefan Ioan Voicu, **Szidonia Katalin Bocskor (Tanczos**), Loreta Costache, Gheorghe Nechifor- Synthesis and characterization of crown ethers covalenly immobilized onto carbon nanotubes/Synthesis and characteristics of polysulfone-polyaniline-carbon nanotubes asymmetric composite membranes obtained by phase inversion with chemical - RICCCE 17, Honorary Symposium Constantin Luca- pH on Membrane Matrials and Processes

2. D. Ghindeanu, **Szidonia Katalin Tanczos**, Grazyna Szczepanska, Piotr Szczepanski Petraction of p-nitrophenol- A kinetic model**, -** Conference in Świeradów Zdrój-2013

3. Keresztesi A, Szep R, Bodor ZS, Bodor K, **Tanczos Sz**, (2021) Long-trem analysis of rainwater chemistry over the conterminous United States, 27th Intrnational Conference on Chemistry, October 29th (presentation)

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

F. Brevete de invenții și alte titluri de proprietate

1. Inventatori: Abraham Beata, Lanyi Szabolcs, Mathe Istvan, Laslo Eva, Orban Kalman Csongor, Bodor Zsolt, **Tanczos Szidonia,** Feher Kiraly Gergely, Koncz Mihaly, Toro Szabolcs, Funkenhauser Bernadett, Dobri Emoke

Titlulul: Tulpină de lactobacillus plantarum subsp. plantarum utilizată în procesul de silozare a plantelor furaje.

Nr. și data: nr. 130894 Acordat în temeiul Legii nr. 64/1991 privind brevetele de invenție, republicată în Monitorul Oficial al României, Partea I, nr. 613, din 19 august 2014

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1. **Biopreparate microbiene pentru creşterea calitatii furajelor insilozate**-SILOPREP-Programul Operational Sectorial Axa 2.1.1/ Nr. Contract 565/09.09.2013.
Perioada 2013-2015 (membru) – (valoare totala 3.317.000 RON)

2**. InSPIRES ” Ingenious Science shops to promote Participatory Innovation, Research and Equity in Science**” Horizont 2020, Proiect de cerecetare și inovre responsabilă. Număr proiect 741677- membru- Perioada 2020-2021 (valoare totală 20000 EUR)

Citări Google Scholar
Citări: 152
h-index=7

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Data, **dr. Tánczos Szidónia Katalin**
10.10.2025

Lista de lucrări în domeniul de studii universitare de licenţă

Numele şi prenumele: Czont Attila

A. Teza de doctorat

B. Cărți și capitole de cărți

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Fodor, H. P., Dávid, H., Czont, A., Miklóssy, I., Orbán, K.-C., Tar, G., Fodor, A., et al. (2023). Enhanced Gait Recovery in Chronic Post-COVID-19 Stroke: The Role of Combined Physical Rehabilitation. Reports, 6(4), 51. http://dx.doi.org/10.3390/reports6040051

2. Czont, A., Freyer, T., Bodor, Z., Mara, G., Sandor, J., & Miklossy, I. (2023). Position-based anthropometric characteristics and general physiological performance of national level, U18 ice hockey players. Sportis. Scientific Technical Journal of School Sport, Physical Education and Psychomotricity, 9(1), 81-97. https://doi.org/10.17979/sportis.2023.9.1.9200

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

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1. Czont, A., Bodor, Z., & Miklóssy, I. (2024). Positional profiling feasibility of U18 ice-hockey players based on anthropometry and aerobic capacity. In Proceedings of the 1st International Summit Conference on Exercise Science, Sports Management, Outdoor Recreation, and Physical Education, ExSPORT 2024, 28th-29th August, Malaysia (pp. 148-150).

F. Invenţii:
G. Contracte de cercetare (menţionaţi calitatea de director sau membru)
K. Participări la conferinţe naţionale şi internaţionale

III. RECUNOAȘTEREA

I. Premii, distincţii.
J. Citări

Citări Google Scholar
Citări:2, h-index=1

10 octombrie 2025

drd. Czont Attila

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

NUMELE ŞI PRENUMELE: Ilkei Klementina-Imelda

I. LISTA PUBLICAȚIILOR RELEVANTE

1. **K. I. Ilkei**, S. Jakab-Kodácz, Gy. Mara – *How to feed your microbiome? The role of dietary fibres in shaping microbiome and host health* – Acta Univ. Sapientiae, Alimentaria, 17 (2024) 101–119, DOI: 10.47745/ausal-2024-0006

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

În curs: ”Rolul bacteriilor intestinale și al nutriției în dezvoltarea diabetului de tip 2”

B. Cărti publicate

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

1. Gyöngyvér MARA, PhD, **Klementina-Imelda ILKEI**, Emese-Éva BÁLINT, PhD, Pál SALAMON, PhD – Friend of foe? The human microbiome and its role in health. Indehep E-Handbook – Digital Curriculum Development in Higher Education, 2024, 105-119
2. Emese-Éva BÁLINT, PhD, Pál SALAMON, PhD, Gyöngyvér MARA, PhD, **Klementina-Imelda ILKEI**, Common bacteria and viruses causing infections in schools. A brief overview, Indehep E-Handbook – Digital Curriculum Development in Higher Education, 2024, 93-104

C. Lucrări ştiinţifice publicate

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

1. **K. I. Ilkei**, S. Jakab-Kodácz, Gy. Mara – *How to feed your microbiome? The role of dietary fibres in shaping microbiome and host health* – Acta Univ. Sapientiae, Alimentaria, 17 (2024) 101–119, DOI: 10.47745/ausal-2024-0006

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

2019

1. **Ilkei Klementina-Imelda**, Lázár Aletta, „Necroptosis ca cea mai recentă transmisie a semnalului de moarte celulară programată examinată in silico și in vitro” (*A nekroptózis, mint legújabb programozott sejthalál jelátvitelének vizsgálata in silico és in vitro*) – XVI. Conferința științifică a studenților facultății, 14 mai 2019.
2. **Ilkei Klementina-Imelda**, Lázár Aletta, „Necroptosis ca ultimul semnal de moarte celulară programată examinat in silico și in vitro” (*A nekroptózis, mint legújabb programozott sejthalál jelátvitelének vizsgálata in silico és in vitro*) – XXII. Conferința științifică studențească transilvăneană, 23-26 mai 2019.

2021

3. **Ilkei Klementina-Imelda**, „Efectul fibrelor alimentare și al metforminei in vitro asupra producției de metaboliți secundari de către bacteria intestinală Lactobacillus casei BL26” (*Az élelmi rostok és a metformin hatása in vitro a Lactobacillus casei BL26 bélbaktérium szekunder metabolit termelésére*) – XVIII. Conferința științifică a studenților facultății, 11 mai 2021.
4. **Ilkei Klementina-Imelda**, „Efectul fibrelor alimentare și al metforminei in vitro asupra producției de metaboliți secundari de către bacteria intestinală Lactobacillus casei BL26” (*Az élelmi rostok és a metformin hatása in vitro a Lactobacillus casei BL26 bélbaktérium szekunder metabolit termelésére*) – XXIV. Conferința științifică studențească transilvăneană, 27-30 mai 2021.

2023

5. Gyöngyvér Mara, Annmária Becze, Éva Boglárka Vincze, **Klementina Imelda Ilkei,** Csilla Albert, *Bacterial Secondary Metabolite Quantification Using Bioanalytical Methods* - 21st INTERNATIONAL SYMPOSIUM AND SUMMER SCHOOL ON BIOANALYSIS, 10 - 15 July, 2023, Târgu Mureș, Romania
6. **Klementina Imelda Ilkei**, ALBERT Csilla, MARA Gyöngyvér, „Rolul fibrelor din mere și al metforminei în producția de acizi grași cu lanț scurt de către două bacterii intestinale importante” (*Az alma rost és a metformin szerepe két fontos bélbaktérium rövid szénláncú zsírsav termelésében*)– XXIX. Conferința internațională de chimie, 25-28 octombrie 2023, Târgu Mureș, România

2024

7. Gy. Mara, **K-I. Ilkei**, S. Jakab-Kodácz, P. Salamon. „Strengths and limitations of MALDI-TOF-MS in microbial identification" - 22nd International Summer School on Bioanalysis Prague, July 8-12., 2024
8. Gy. Mara, **K-I. Ilkei**, S. Jakab-Kodácz, P. Salamon. „Strengths and limitations of MALDI-TOF-MS in microbial identification" - 22nd International Summer School on Bioanalysis Prague, July 8-12., 2024
9. **K-I. Ilkei**, S. Jakab-Kodácz, P. Salamon, Gy. Mara. „Optimization of sample preparation for bacterial identification with MALDI-TOF-MS" - 22nd International Summer School on Bioanalysis Prague, July 8-12., 2024
10. S. Jakab-Kodácz, **K-I. Ilkei**, Cs. Albert, Gy. Mara. „Microbial secondary metabolite detection from fecal samples with GC-MS" - 22nd International Summer School on Bioanalysis Prague, July 8-12., 2024
11. **ILKEI Klementina-Imelda**, JAKAB-KODÁCZ Stefánia, MARA Gyöngyvér, „Examinarea compoziției microbiomului la diabeticii de tip 2 tratați cu insulină și metformină" (*Inzulinnal és metforminnal kezelt 2-es típusú cukorbetegek mikrobiom összetételének vizsgálata*) – XXX. Conferința Internațională de Chimie, 23-26 octombrie 2024, Cluj-Napoca, România

2025

12. **ILKEI Klementina-Imelda**, CSATÓ-KOVÁCS Erika, ALBERT Csilla, MARA Gyöngyvér, „Modificări în profilul metabolitului diabeticilor de tip 2 pe baza compoziției microbiomului intestinal" (*A 2-es típusú cukorbetegek metabolit profiljának változásai a bél mikrobiom összetétel alapján*) – EME - XXXIII. Conferința științifică, 3-5 aprilie 2025, Covasna, România
13. **ILKEI Klementina-Imelda**, CSATÓ-KOVÁCS Erika, ALBERT Csilla, MARA Gyöngyvér, „Modificări în profilul metabolitului diabeticilor de tip 2 pe baza compoziției microbiomului intestinal" DE LA CERCETAREA FUNDAMENTALĂ LA ȘTIINȚELE APLICATE (IX. sesiune științifică) (*A 2-es típusú cukorbetegek metabolit profiljának változásai a bél mikrobiom összetétel alapján*)– Forumul anual al doctoranzilor, 9 mai 2025, Miercurea Ciuc
14. **Klementina-Imelda Ilkei**, Erika Csató-Kovács, Csilla Albert, Gyöngyvér Mara, „Gut microbiome structure and metabolic activity in type 2 diabetic patients" – 23st International Summer School on Bioanalysis Zagreb, July 6-15.

III. RECUNOAȘTEREA

I. Premii, distincţii.

Bursa “Székely Előfutár” – Mențiune 2020

Programul de burse Balassi Bálint, Bursa Klebelsberg Kuno pentru dezvoltarea talentelor – 2019-2020

Premiul „MAXIMUS” pentru cea mai remarcabilă lucrare științifică – 2021

Bursa “Székely Előfutár” – 2024-2025

Programul de burse Collegium Talentum – 2024-2025 și 2025-2026

Semnătura,
Ilkei Klementina-Imelda

LISTA PUBLICAȚIILOR ȘTIINȚIFICE

Numele și prenumele: **Péter Izabella**

I. Articole științifice publicate în reviste internaționale

1. **I. Péter**, M. Balázs, C. Albert, Z. Bodor, K.C. Orbán és I. Miklóssy (2026). Succinic acid production from agro-industrial by-products: A comparative study of *Basfia succiniciproducens* and *Escherichia coli* strains. *Electronic Journal of Biotechnology*, In Press, Journal Pre-proof, doi: https://doi.org/10.1016/j.ejbt.2026.100727.

2. M. Balázs, **I. Péter**, H. Bartos, Z. Bodor, E. Antal, C. Albert, és I. Miklóssy (2025). Organic Acid Production by *Basfia succiniciproducens* from Agro-Industrial By-Products. *BioTech*, 14(3), 68, doi: https://doi.org/10.3390/biotech14030068.

Lista de lucrări în domeniul de studii universitare de licenţă informatică

Numele şi prenumele Garda-Mátyás L. Edit-Mária

A. Teza de doctorat.

Titlu: Ecuații condiționale pentru funcții monomiale
(Conditional equations for monomial functions)
Anul susţinerii: 2021
Conducătorul ştiinţific: prof. dr. Zoltán Boros

B. Cărţi publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

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

- Filep Levente, **Garda-Mátyás Edit**, Oláh-Gál Róbert: Excel közgazdász- és mérnökjelölteknek (Excel pentru studenți la economie și științe inginerești), Ed. Scientia, Cluj-Napoca, 2021, ISBN 978-606-975-053-7, 190 pagini.

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.

B5. Capitole de cărţi publicate în străinătate

B6. Capitole de cărţi publicate în ţară

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

- Z. Boros, **E. Garda-Mátyás**, Quadratic functions fulfilling an additional condition along the hyperbola $x\ y = 1$, *Aequationes mathematicae*, Volume 97, 2023, 1141–1155, https://doi.org/10.1007/s00010-023-01018-0
- Z. Boros**, E. Garda-Mátyás,** Conditional equations for monomial functions**,** *Publ. Math. Debrecen,* 100/3-4(1), 2022, 263-276, (DOI: 10.5486/PMD.2022.8832)
- **E. Garda-Mátyás**: Quadratic functions fulfilling an additional condition along hyperbolas or the unit circle, *Aequationes mathematicae*, Volume 93 (2), 2019, 451-465, (ISSN: 0001-9054 (Print) 1420-8903 (Online))

- Z. Boros, **E. Garda-Mátyás:** Conditional equations for quadratic functions, *Acta Math. Hungar.,* Volume 154 (2), 2018**,** 389-401. (ISSN: 0236-5294 (Print) 1588-2632 (Online))

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

- **Garda-Mátyás Edit**, Makó Zoltán**:** The modified joint optimal strategy concept in zero-sum fuzzy matrix games, *Annales Univ. Sci. Budapest., Sect. Comp.,*Volume 36 (2012), 103-116. (ISSN: 0138-9491, Mathematical Reviews)
- Makó Zoltán, Szenkovits Ferenc, **Garda-Mátyás Edit**, Csillik Iharka: Classification of near Earth asteroids wih artificial neural network, *Studia Univ. "Babeş-Bolyai", Mathematica*, Volume L, Number 1, 2005, 85-92. (ISSN: 0252-1938, Mathematical Reviews)
- Makó Zoltán, Szenkovits Ferenc, **Garda-Mátyás Edit**: Solution of Kepler-equation with artificial neural network. *Automation Computers Applied Mathematics,* 13 (2004), 119-127. (ISSN: 1221-437X, Zentralblatt)

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

- **Garda-Mátyás Edit**, Zsombori Gabriella: VII. *Sapi tehetségnap*, Matlap - Ifjúsági matematikai lapok (2017/5), 161-173. (ISSN: 1224-3140)

- **Garda-Mátyás Edit**, Zsombori Gabriella: *Sapi tehetségnap*, Matlap - Ifjúsági matematikai lapok (2012/4), 129-137. (ISSN: 1224-3140)

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

- **Edit Garda-Mátyás**: The solution of quadratic and cubic functions with additional conditions, In N. Benedek (Ed.), *17th International Conference on Economics and Business: Challenges in the Carpathian Basin*, Miercurea Ciuc, Editura RISOPRINT, 2025, pp. 388-396. (ISBN: 978-973-53-3346-8)

- **Garda-Mátyás Edit**, Makó Zoltán, Szenkovits Ferenc, Csillik Iharka: *The chaotic variation of capture effect in the three body problem*, Proceedings of the 4nd International Conference of PHD Students (Natural Science), organizat de Universitatea din Miskolc, Miskolc, 2003, 31-38. (ISBN: 963 661 580 5)

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

F. Invenţii.

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

- *Legătura dintre strategiile de proiectare a algoritmilor şi teoria grafurilor*, Inst. Programelor de Cercetare Sapientia, 2008-2009, membru

- *Studierea proceselor complexe cu ajutorul reţelelor neuronale artficiale*, Inst. Programelor de Cercetare Sapientia, 2005-2007, membru

- *Studiul sistemelor dinamice cu metode perturbative şi fuzzy*. Inst. Programelor de Cercetare Sapientia, 2002-2005, membru

H. Creaţia artistică

H1 Participări la manifestaţii artistice internaţionale

H2. Participări la manifestaţii artistice naţionale

H3. Expoziţii, filme, spectacole, concerte, discuri de autor, opere internaţionale

H4. Expoziţii, filme, spectacole, concerte, discuri de autor, opere naţionale

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

I. Premii, distincţii.

J. Citări

1) Z. Boros, **E. Garda-Mátyás**, Quadratic functions fulfilling an additional condition along the hyperbola $x\ y = 1$, *Aequationes mathematicae*, Volume 97, 2023, 1141–1155, https://doi.org/10.1007/s00010-023-01018-0

   1.1 **Sadegh Izadi, Sedigheh Jahedi, Mehdi Dehghanian**: Conditional Equations Related to Drygas Functional Equation, Oct. 2025, Annales Mathematicae Silesianae, DOI: 10.2478/amsil-2025-0015

   1.2 **Eszter Gselmann, Mehak Iqbal:** A functional equation for monomial functions, May 2025, Journal of Applied Analysis, DOI: 10.1515/jaa-2025-0013

   1.3 **Mehdi Dehghanian, Sadegh Izadi, Sedigheh Jahedi**: The solution of Drygas functional equations with additional conditions, *Acta Math. Hungar.*, Volume 174(2), 2024, 510-521, DOI: 10.1007/s10474-024-01488-x

   1.4 **Bruce Ebanks**: A class of functional equations for additive functions, *Aequationes mathematicae*, 2024, DOI:10.1007/s00010-024-01105-w

2) Z. Boros**, E. Garda-Mátyás,** Conditional equations for monomial functions**,** *Publ. Math. Debrecen,* 100/3-4(1), 2022, 263-276, (DOI: 10.5486/PMD.2022.8832)

   2.1 **Eszter Gselmann, Mehak Iqbal:** A functional equation for monomial functions, May 2025, Journal of Applied Analysis, DOI: 10.1515/jaa-2025-0013

2.2 **Eszter Gselmann, Mehak Iqbal**: Monomial functions, normal polynomials and polynomial equations, Aequat. Math., 2023, https://doi.org/10.1007/s00010-023-00972-z

2.3 **Eszter Gselmann**: Polynomial identities satisfied by generalized polynomials, Publ. Math. Debrecen, 2022, https://doi.org/10.48550/arXiv.2104.09160

2.4 **Anteneh Tilahun Adimasu**: Report on the 20th research conference on Functional analysis, Hungary.Annales Mathematicae Silesianae 34 (2020), no. 2, 286–304, DOI: 10.2478/amsil-2020-0007

3) **E. Garda-Mátyás**: Quadratic functions fulfilling an additional condition along hyperbolas or the unit circle, *Aequationes mathematicae*, Volume 93 (2), 2019, 451-465, (ISSN: 0001-9054 (Print) 1420-8903 (Online))

3.1 **Sadegh Izadi, Sedigheh Jahedi, Mehdi Dehghanian**: Conditional Equations Related to Drygas Functional Equation, Oct. 2025, Annales Mathematicae Silesianae, DOI: 10.2478/amsil-2025-0015

3.2 **Eszter Gselmann, Mehak Iqbal:** A functional equation for monomial functions, May 2025, Journal of Applied Analysis, DOI: 10.1515/jaa-2025-0013

3.3 **Mehdi Dehghanian, Sadegh Izadi, Sedigheh Jahedi**: The solution of Drygas functional equations with additional conditions, *Acta Math. Hungar.*, Volume 174(2), 2024, 510-521, DOI: 10.1007/s10474-024-01488-x

3.4 **Eszter Gselmann**: Polynomial identities satisfied by generalized polynomials, Publ. Math. Debrecen, 2022, https://doi.org/10.48550/arXiv.2104.09160

3.5 **M. Amou**: Quadratic functions satisfying an additional equation, *Acta Math. Hungar.*, Volume 162(34), 2020, 40-51, DOI: 10.1007/s10474-020-01047-0

3.6 **Anteneh Tilahun Adimasu**: Report on the 20th research conference on Functional analysis, Hungary.Annales Mathematicae Silesianae 34 (2020), no. 2, 286–304, DOI: 10.2478/amsil-2020-0007

4) Z. Boros, **E. Garda-Mátyás:** Conditional equations for quadratic functions, *Acta Math. Hungar.,* Volume 154 (2), 2018**,** 389-401. (ISSN: 0236-5294 (Print) 1588-2632 (Online))

4.1 **Sadegh Izadi, Sedigheh Jahedi, Mehdi Dehghanian**: Conditional Equations Related to Drygas Functional Equation, Oct. 2025, Annales Mathematicae Silesianae, DOI: 10.2478/amsil-2025-0015

4.2 **Eszter Gselmann, Mehak Iqbal:** A functional equation for monomial functions, May 2025, Journal of Applied Analysis, DOI: 10.1515/jaa-2025-0013

4.3 **Rayene Menzer:** Alternative equations for generalized polynomials, January 2025, Thesis for: Ph.d, DOI: 10.13140/RG.2.2.35848.53767

4.4 **Mehdi Dehghanian, Sadegh Izadi, Sedigheh Jahedi**: The solution of Drygas functional equations with additional conditions, *Acta Math. Hungar.*, Volume 174(2), 2024, 510-521, DOI: 10.1007/s10474-024-01488-x

4.5 **Eszter Gselmann, Mehak Iqbal:** Monomial functions, normal polynomials and polynomial equations, Aequat. Math., 2023, https://doi.org/10.1007/s00010-023-00972-z

4.6 **Zoltán Boros, Rayene Menzer**: An alternative equation for generalized monomials, 2022, Aequationes mathematicae 97(1) 1-8, DOI: 10.1007/s00010-022-00917-y

4.7 **Eszter Gselmann**: Polynomial identities satisfied by generalized polynomials, Publ. Math. Debrecen, 2022, https://doi.org/10.48550/arXiv.2104.09160

4.8 **M. Amou**: Quadratic functions satisfying an additional equation, *Acta Math. Hungar.*, Volume 162(34), 2020, 40-51, DOI: 10.1007/s10474-020-01047-0

4.9 **Anteneh Tilahun Adimasu**: Report on the 20th research conference on Functional analysis, Hungary.Annales Mathematicae Silesianae 34 (2020), no. 2, 286–304, DOI: 10.2478/amsil-2020-0007

5) Makó Zoltán, Szenkovits Ferenc, **Garda-Mátyás Edit**, Csillik Iharka: Classification of near Earth asteroids wih artificial neural network, *Studia Univ. "Babeş-Bolyai", Mathematica*, Volume L, Number 1, 2005, 85-92. (ISSN: 0252-1938, Mathematical Reviews)

5.1 **Bora Chetan Abhijnanam, Kushvah Badam Singh, Mouli Gunda Chandra**: Temporal trends in asteroid behaviour: a machine learning and N-body integration approach, Monthly Notices Of The Royal Astronomical Society, 534/1/ 415-430, 2024, DOI: 10.1093/mnras/stae2083

5.2 **I. Szücs-Csillik**: Overview – Regularization and numerical methods in celestial mechanics and dynamical astronomy, 2023, DOI: 10.59277/RoAJ.2023.1-2.03

5.3 **Kaveti Upender, Tammali Sai Krishna, N. Pothanna, P. V. Siva Kumar**: Predicting the Potentially Hazardous Asteroid to Earth Using Machine Learning, 2022, DOI: 10.1007/978-981-16-7389-4_34

5.4 **Cosmin Rosu, Victor Bacu**: Asteroid Image Classification Using Convolutional Neural Networks, Conference paper, Conference: 2021 IEEE 17th International Conference on Intelligent Computer Communication and Processing (ICCP), 2021, DOI: 10.1109/ICCP53602.2021.9733484

5.5 **Vedant Bahel, Pratik Bhongade, Jagrity Sharma, Samiksha Shukla, Mahendra Gaikwad**: Supervised Classification for Analysis and Detection of Potentially Hazardous Asteroid, Conference paper, Conference: 2021 International Conference on Computational Intelligence and Computing Applications (ICCICA), 2021, DOI: 10.1109/ICCICA52458.2021.9697222

K. Participări la conferinţe naţionale şi internaţionale

- 21-23 mai, 2025, 17th International Conference on Economics and Business, Miercurea Ciuc, titlul expunerii: The solution of quadratic and cubic functions with additional conditions

- 15-17 noiembrie 2024, MTNE 2024 - 15. Matematika és Informatika Alkalmazásokkal Konferencia (A 15-a Conferință de Matematică și Informatică cu Aplicații), Miercurea Ciuc, titlul expunerii: Összekapcsolt monom függvénypárok (Perechi de funcții monomiale conectate)

- 10-12 mai, 2023, 16th International Conference on Economics and Business, Miercurea Ciuc, titlul expunerii: Quadratic functions fulfilling an additional condition along hyperbola $xy = 1$

- 3-4 martie, 2021, 15th International Conference on Economics and Business - Challenges in the Carpathian Basin, Global Challenges – Local Answers, Interdependencies or Slobalisation?, Miercurea Ciuc, titlul expunerii: Linked pairs of monomial functions

- 10-12 mai, 2018, 14th Annual International Conference on Economics and Business - Challenges in the Carpathian Basin, Innovation and technology in the knowledge based economy, Miercurea Ciuc, titlul expunerii: Conditional equations for monomial functions

- 7-9 septembrie, 2017, 6th Int. Conf. on Mathematics and Informatics, Târgu Mureș, Romania, titlul expunerii: Quadratic functions fulfilling an additional condition along hyperbolas or the unit circle

- 20-22 octombrie 2016, 13th Annual International Conference on Economics and Business – Challenges in the Carpathian Basin, Miercurea Ciuc, titlul expunerii: Conditional equations for quadratic functions

- 6–7 noiembrie 2009, "Az EME 150 éves" – Emlékkonferencia, Miercurea Ciuc, titlul expunerii: Algoritmustervezési stratégiák gráfelméleti háttere

- 11-17 august 2003, 4th International Conference of PHD Students, University of Miskolc, Miskolc (Ungaria), titlul expunerii: The Chaotic Variation of Capture Effect in the N-Body Problem.

L. Alte realizări semnificative

Organizarea unor conferințe:

- Membru în colectivul de organizare al conferinţei " MTNE 2024 - 15. Matematika és Informatika Alkalmazásokkal Konferencia (A 15-a Conferință de Matematică și Informatică cu Aplicații)", Miercurea Ciuc, 15-17 noiembrie 2024
- Membru în colectivul de organizare al conferinţei "EME 150 éves", Miercurea Ciuc, 6-7 noiembrie 2009.
- Membru în colectivul de organizare al conferinţei omagiale Bolyai Farkas, Miercurea Ciuc, 25-26 noiembrie 2006.

Data

02.09.2025

* Conform H.G. 1175/ 2006

Garda-Mátyás Edit

Lista de lucrări

Numele şi prenumele Makó Zoltán

A. Teza de doctorat:

Contribuţii la teoria numerelor fuzzy cvasi-triunghiulare cu aplicaţii în programare liniară fuzzy

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate

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

- Szenkovits Ferenc, **Makó Zoltán**, Csillik Iharka, Bálint Attila: *Mechanikai rendszerek számítógépes modellezése (Modelarea computaţională a sistemelor mecanice),* Ed. Scientia, Cluj-Napoca, 2002. (213 pagini, ISBN 973-85422-6-X, în lb. maghiară, Reţenzat de Mathematical Reviews)
- **Makó Zoltán**: *Quasi-triangular fuzzy numbers. Theory and applications*, Ed. Scientia, Cluj-Napoca, 2006. (156 pagini, ISBN 973-7953-60-6, Reţenzat de Mathematical Reviews)
- Szenkovits Ferenc, **Makó Zoltán:** *Elméleti mechanika feladatok* (*Probleme de mecanică teoretică*), Ed. Presa Universitară Clujeană, 2007. (362 pagini, ISBN 978-973-610-600-2, în lb. maghiară,)
- **Makó Zoltán**, Lázár Ede, Máté Szilárd: *Előrejelző módszerek gazdasági és műszaki alkalmazásai (Aplicarea metodelor de prognoză în economie şi în tehnică),* Ed. Scientia, Cluj-Napoca, 2009. (138 pagini, ISBN 978-973-1970-10-3, în lb. maghiară)
- **Makó Zoltán,** Salamon Júlia: *Operációkutatási példatár közgazdászoknak (Culegere de probleme din cercetări operaţionale pentru economişti),* Ed. Scientia, Cluj-Napoca, 2011. (209 pagini, ISBN 978-973-1970-45-5, în lb. maghiară)
- Salamon Júlia**, Makó Zoltán,** *Döntéselmélet közgazdászoknak (Teoria deciziilor pentru economişti),* Ed. Scientia, Cluj Napoca, 2020. (237 pagini, ISBN 978-606-975-030-8, în lb. maghiară)

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

- **Makó Zoltán**, Szenkovits Ferenc: Capture in the circular and elliptic restricted three-body problem, *Celestial mechanics and Dynamical Astronomy* 90, 51-58, 2004. (ISSN: 0008-8714, IF. 1.562)
- **Makó Zoltán**: Linear programming with quasi-triangular fuzzy-numbers in the objective function, *Publ. Math. Debrecen,* 69 (2006), 17-31. (ISSN: 0033-3883, IF. 0.279)
- Szenkovits Ferenc, **Makó Zoltán:** About the Hill stability of the extrasolar planets in stellar binary systems, *Celestial mechanics and Dynamical Astronomy,* 101, 273-287, 2008. (ISSN: 0008-8714, IF. 0.72)
- **Makó Zoltán**: Chaotic Variation of the Capture Effect around the Weak Stability Boundary, *Exploring the Solar system and the Universe, American Institute of Physics Conference proceedings*, 1043,2008, 208-210 (ISSN: 0094-243X, ISBN:978-0-7354-0571-4, ISI Proceedings)
- **Makó Zoltán**: Extracting Fuzzy If-Then Rule by Using the Information Matrix Technique with Quasi-Triangular Fuzzy Numbers, *Studia Univ. "Babeş-Bolyai", Mathematica*, Volume LIV, Number 3, 2009, 85-98. (ISSN: 0252-1938)

- **Makó Zoltán**, Szenkovits Ferenc, Salamon Júlia, Oláh-Gál Róbert, Stable and Unstable Orbits around Mercury, *Celestial Mechanics and Dynamical Astronomy*, 108, 2010, pp. 357-370 (ISSN 0923-2958, IF: 1.811)
- **Makó Zoltán**, Real vector space of LR-fuzzy intervals with respect to the shape-preserving t-norm-based addition, *Fuzzy Sets and Systems*, 200 (2012), 136-149. (ISSN: 0165-0114, IF: 1.759)
- **Makó Zoltán**, Connection between Hill stability and weak stability in the elliptic restricted three-body problem, *Celestial Mechanics and Dynamical Astronomy*, 120 (2014), 233-248. (ISSN 0923-2958, IF: 2.084)
- **Makó Zoltán,** Salamon Júlia**,** Correlated equilibrium of games in fuzzy environment, *Fuzzy Sets and Systems*, 398 (2020), 112-127. (ISSN: 0165-0114, IF: 3.305)

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

- **Makó Zoltán**: Tgp-Sum of Quasi-Triangular Fuzzy Numbers, *Bul. Stiint. Univ. Baia Mare Ser. B., Mat-Inf.*, 14/1 (2000), 65-74. (ISSN: 1222-1201, Mathematical Reviews)
- **Makó Zoltán**: The Solution of Linear Programming Problems with Quasi-Triangular Fuzzy Numbers in Capacity Vector, *Annales Univ. Sci. Budapest.,Sect. Comp*., Vol 21, 2002, 19-40. (ISSN: 0138-9491, Mathematical Reviews)
- Szenkovits Ferenc, **Makó Zoltán**, Csillik Iharka, Bálint Attila: Capture Effect in the Restricted Three Body Problem, *Pure Mathematics and Application*, **13/4** (2003), 463-471. (ISSN: 1218-4586, Mathematical Reviews)
- **Makó Zoltán**, Máté Szilárd: Talajérték meghatározása mesterséges neuronhálózatok módszerével, *Agrókémia és talajtan*, **53/3-4** (2004), 401-412. (revista Academiei din Ungaria, indexat de Current Contents şi de CAB International, ISSN: 0002-1873, *Predicţia valorii solului cu metoda reţelelor neuronale artificiale*, în lb. maghiară)
- **Makó Zoltán**, Szenkovits Ferenc, Garda-Mátyás Edit: Solution of Kepler-equation with artificial neural network. *Automation Computers Applied Mathematics*, 13 (2004), 119-127. (ISSN: 1221-437X, Zentralblatt)
- Szenkovits Ferenc, **Makó Zoltán,** Csillik Iharka, Polynomial representation of the zero velocity surfaces in the spatial elliptic restricted three-body problem, *Pure Mathematics and Application*, 15/2-3 (2004), 313-322. (ISSN: 1218-4586, Mathematical Reviews)
- **Makó Zoltán,** Szenkovits Ferenc, Garda-Mátyás Edit, Csillik Iharka: Classification of near Earth asteroids wih artificial neural network, *Studia Univ. "Babeş-Bolyai", Mathematica*, Volume L, Number 1, 2005, 85-92. (ISSN: 0252-1938, Mathematical Reviews)
- Szenkovits Ferenc, **Makó Zoltán**: Pulsating Hill-Regions in the Spatial Elliptic Restricted Three-Body Problem, *Automation Computers Applied Mathematics (ACAM)* 14 (2005), 99–105. (ISSN: 1221-437X, Zentralblatt)
- **Makó Zoltán,** Hill's stability of the Moon in the spatial restricted three-body problem , *Plasma- and Astrophysics: from laboratory to outer space*, *Publications of the Astronomy Department of the Eötvös University*, Budapest, Edited by I. Ballai, E. Forgács-Dajka, A. Marcu, K. Petrovay, Volume 15, 2005, 221-230. (Smithsonian/NASA Astronomical Data System , ISBN: 963 463 557, Smithsonian/NASA Astrophysics Data System)
- Szenkovits Ferenc, **Makó Zoltán**: Pulsating zero velocity surfaces and capture in the elliptic restricted three-body problem, *Plasma- and Astrophysics: from laboratory to outer space*, *Publications of the Astronomy Department of the Eötvös University*, Budapest, Edited by I. Ballai, E. Forgács-Dajka, A. Marcu, K. Petrovay, Volume 15, 2005, 230-237. (ISBN: 963 463 557, Smithsonian/NASA Astrophysics Data System)
- **Makó Zoltán**: Chaotic structure of the capture domain, *Publications of the Astronomy Department of the Eötvös University*, Volume 19, 2007, 237-246. (ISBN: 963 463 557, Smithsonian/NASA Astronomical Data System, Mathematical Reviews)

- **Makó Zoltán**: Connections between weak stability boundary and the capture effect in the elliptic restricted three body problem, *Automation Computers Applied Mathematics (ACAM)* 17(2), 2008, 255-258. (ISSN: 1221-437X, Mathematical Reviews)
- **Makó Zoltán**: Real vector space with scalar product of quasi-triangular fuzzy numbers, *Acta Universitatis Sapientiae, Mathematica*, 1, 1 (2009), 51-71. (ISSN 1844-6094, Mathematical Reviews)
- Pál László, Oláh-Gál Róbert, **Makó Zoltán**: Shepard interpolation with stationary points, *Acta Universitatis Sapientiae, Informatica*, 1, 1 (2009), 5-13. (ISSN 1844-6086, Zentralblatt)
- **Makó Zoltán,** Information matrix technique with LR-fuzzy numbers, *Automation, Computers, Applied Mathematics*, 19 (2010), 129-137. (ISSN 1221-437X, Mathematical Reviews)
- **Garda-Mátyás Edit,** Makó Zoltán**,** Modified joint optimal strategy concept in zero-sum fuzzy matrix games, *Annales Univ. Sci. Budapest., Sect. Comp*. 36 (2012), 103–116. (ISSN 0138-9491, Mathematical Reviews)
- **Makó Zoltán,** Salamon Júlia, Correlated equilibrium in bimatrix games with fuzzy payoffs, Procedia Computer Science 102 (2016) 217-218. (ISSN 1877-0509, Scopus)
- **Makó Zoltán**, Salamon Júlia, Korrelált egyensúly a fuzzy játékokban (Echilibrul corelat în jocurile fuzzy), *Alkalmazott Matematikai Lapok*, 39, 2023, pp. 1-11.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

- **Makó Zoltán**: Utilizarea noţiunii de centru de greutate din mecanică teoretică la rezolvarea problemelor de geometrie, *Didactica Matematicii,* XV, 2000, 27-34.
- **Makó Zoltán**: Olyan lineáris programozási feladatok megoldása, amelyben a célfüggvény együtthatói fuzzy számok, *RODOSZ-tanulmányok II*. (Természet- és műszaki tudományok), Editat de Kovács D. Lehel István és Szabó Csaba, Ed. Kriterion, Cluj-Napoca, 2001, 51-65. (ISBN: 973-26-0628-2, Algoritmul de rezolvare a problemelor de programare liniară cu numere fuzzy cvasi- triunghiulare în vectorul cerere, în lb. maghiară)
- **Makó Zoltán**: Upper and Lower Limits of Fuzzy Sets, *Proceedings of the 2nd International Conference of PHD Students* (Natural Science), organizat de Universitatea din Miskolc, Miskolc, 1999, 177-184. (ISBN: 963 661 374 5)
- Szenkovits Ferenc, **Makó Zoltán**, Csillik Iharka, Bálint Attila: Capture Model in the Restricted Three-Body Problem, *Proceedings of the 3nd International Conference of PHD Students* (Natural Science), organizat de Universitatea din Miskolc, Miskolc, 2001, 71-78. (ISBN: 963 661 480 5)
- **Makó Zoltán**: The Opposite of Quasi-triangular Fuzzy Number, P*roceedings of the 3nd International Symposium of Hungarian Researchers on Computational Intelligence*, organizat de Universitatea Technică din Budapesta şi Asociaţia Fuzzy din Ungaria, Budapest, 2002, 229-238. (ISBN: 963 7154 12 4)
- Garda-Mátyás Edit, **Makó Zoltán**, Szenkovits Ferenc, Csillik Iharka: The chaotic variation of capture effect in the three body problem, *Proceedings of the 4nd International Conference of PHD Students* (Natural Science), organizat de Universitatea din Miskolc, Miskolc, 2003, 31-38. (ISBN: 963 661 580 5)
- **Makó Zoltán**: Approximation with Diffusion-Neural-Network, *Proceedings of the 6nd International Symposium of Hungarian Researchers on Computational Intelligence*, organizat de Universitatea Technică din Budapesta şi Asociaţia Fuzzy din Ungaria, Budapest, 2005, 589-600.(ISBN: 963 7154 43 4)
- **Makó Zoltán**, Máté Szilárd: Evaluation of soil-parameters with diffusion-neural-network, *Proceedings of 3rd Romanian-Hungarian Joint Symposium on Applied Computational Intelligence* (SACI), organizat de Universitatea Technică din Budapesta şi Universitatea Politechnică din Timişoara, Timişoara, 2006, 322-331. (ISBN: 963 7154 46 9)

- **Makó Zoltán**, Máthé István, Kicsi István, Láthatóvá tehető-e a víz által hordozott információ? *Apele minerale din regiunea carpatică. A III-a conferinţă ştiinţifică internaţională*, Universitatea Sapientia, Mircurea Ciuc, 2006, 123-130. (ISBN: 973-7625-06-4)
- **Makó Zoltán**, Salamon Júlia: Banded Approximation with diffusion neural network, 7th International Conference on Applied Informatics, Vol. 2, Eger Hungary, 2007, 93-100.
- Szőcs Attila, Burián Hunor, **Makó Zoltán**, Categorization of Cartels based on Market Factors using Fuzzy Information Matrix, *Proceedings of the International Conference "Marketing – From Information to Decision*", Edition 8, Cluj-Napoca, 2008, 399-410.
- Szőcs Attila, Burián Hunor, **Makó Zoltán**, Using Elasticity and Concentration for Cartel Categorization, *Proceedings of the International Inovation Conference for Co-operation development* (InCoDe), Pécs, 2008, 83-91.
- **Makó Zoltán**, Salamon Júlia, *Correlated equilibriums of games with possibility preference*, 14th Annual International Conference on Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2018, pp. 201-212. ISBN: 978-973-53-2249-6
- Kászoni Ibolya, **Makó Zoltán,** *Az óraátállítás gazdasági és élettani hatásai. A nyári vagy a téli időszámítás előnyösebb az EU állampolgárai számára?* (Efectele economice și fiziologice ale schimbării ceasului. Ora de vară sau de iarnă este mai bună pentru cetățenii UE?), Colecția STUDIUM, Editura T3, Red. de Tánczos L. J. és Makó Z., Sf. Gheorghe, 89-120, 2019. (ISSN 2286 – 0363 ISSN-L 2286 – 0363)
- Niczuly Andrea, **Makó Zoltán**, Áll az alku a viselkedési közgazdaságtan térnyerése (Jocul de negociere - ascensiunea economiei comportamentale), Áll az alku a viselkedési közgazdaságtan térnyerése (Jocul de negociere - ascensiunea economiei comportamentale), Colecția STUDIUM, Editura T3, Red. de Tánczos L. J. és Makó Z., Sf. Gheorghe, 139-160, 2019. (ISSN 2286 – 0363 ISSN-L 2286 – 0363)
- Mihok Szidónia, **Makó Zoltán**, Igazságos elosztások és adózási hajlandóság (Distribuțiile echitabile și disponibilitatea de a plăti impozite), Colecția STUDIUM, Editura T3, Red. de Tánczos L. J. és Makó Z., Sf. Gheorghe, 295-306, 2019. (ISSN 2286 – 0363 ISSN-L 2286 – 0363)
- **Makó Zoltán**, Salamon Júlia, Weak stability transition region near the orbit of the Moon, *Multi-scale (time and mass) dynamics of space objects Proceedings IAU Symposium No. 364*, Vol. 15., eds. A. Celleti, C. Beauge, C. Gales, A. Lemaitre, Cambridge University Press, 2021, pp. 184-190.
- Salamon Júlia, **Makó Zoltán**, Searching for correlated equilibriums in interval valued games, 17th Annual International Conference on, Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2025, pp. 377-387. ISBN: 978-973-53-3346-8
- **Makó Zoltán**, Salamon Júlia, Intuitionistic fuzzy certainty equivalence in prospect theory, 17th Annual International Conference on, Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2025, pp. 368-376. ISBN: 978-973-53-3346-8
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G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

- Fenomene de captură gravitaţională. Grant de cercetare al Academiei de Ştiinţe din Ungaria, 1998-1999.
- Modelarea computaţională a sistemelor mecanice. Inst. Programelor de Cercetare Sapientia, 2001 (membru).
- Bonitarea solurilor din Bazinul Ciuc prin metode geoinformatice şi statistice. Inst. Programelor de Cercetare Sapientia, 2001-202 (membru).
- Cercetări teoretice şi observaţionale privind dinamica asteroizilor, structura şi stabilitatea stelară. Grant de cercetare CNCSIS de tipA**,** multianual, 2004-2007 (membru).
- Studiul sistemelor dinamice cu metode perturbative şi fuzzy. Inst. Programelor de Cercetare Sapientia, 2002-2004 (membru).
- Studiul sistemelor dinamice cu metode perturbative şi fuzzy. Inst. Programelor de Cercetare Sapientia, 2004-2005 (director).
- Blended & Integrated Lifelong Learning for Actors in Regional Development" (BILLARD). Grant de cercetare finanţat din programul Leonardo, 2004-2007 (membru).
- Studierea proceselor complexe cu ajutorul reţelelor neuronale artficiale, Inst. Programelor de Cercetare Sapientia, 2005-2007 (director).
- Metode de optimizare în geometria continuă, aplicaţii în fizică şi chimie. Inst. Programelor de Cercetare Sapientia, 2006-2007 (membru).

- Metode de optimizare în geometria continuă, aplicaţii în fizică şi chimie. Inst. Programelor de Cercetare Sapientia, 2007-2008 (director).
- Structura hiperbolică a efectului de captură gravitaţională. Grant de cercetare al Academiei de Ştiinţe din Ungaria, 01.01.2008 - 01.05.2008.
- Frontiera slabă a capturii gravitaţionale în modelul problemei restrânse eliptice a celor trei corpuri. Inst. Programelor de Cercetare Sapientia, 01.02.2009-30.09.2009 (director).
- Stabilitatea gravitaţională slabă în modelul problemei restrânse eliptice a celor trei corpuri. Grant de cercetare al Academiei de Ştiinţe din Ungaria, 01.09.2009 - 28.02.2010.
- Repartiția regiunii de stabilitate în modelul problemei restrânse eliptice a celor trei corpuri. Grant de cercetare al Academiei de Științe din Ungaria, 01.01.2013 – 30.06.2013.
- Grant of the Ministry of National Education (Romania) UEFISCDI - CNCS, sept. 2013- sept. 2016 (membru).
- SimplexV4 common free Tool development and Day, Visegrad+ Grants, 2019-2020 (membru).

K. Participări la conferinţe naţionale şi internaţionale

- 11 – 16 aug. 1999, 2nd International Conference of PHD Students , University of Miskolc, Miskolc (Ungaria), titlul expunerii: Uper and Lower Limits of Fuzzy Sets.
- 14 – 18 oct. 2000, Second International Conference on Applied Mathematics, Universitatea din Baia Mare, Baia Mare, titlul expunerii: Tgp-Sum of Quasi-triangular Fuzzy Numbers;
- 10 – 12 mai 2001, Year of Great Astronomical Anniversaries, Astronomical Institute of the Romanian Academy, Bucharest, titlul expunerii: Model de captură în problema restrânsă a celor trei corpuri;
- 12 – 15 iunie 2001, 4th Joint Conference on Mathematics and Computer Science, Universitatea Babeş-Bolyai, Oradea, titlul expunerii: Capture Efect in the Restricted Three Body Problem;
- 26 – 28 noi. 2002. 3nd International Symposium of Hungarian Researchers on Computational Intelligence, Tehnical University of Budapest, Budapest, titlul expunerii: The opposite of quasi-triangular fuzzy number;
- 22 – 28 iunie 2003, 5th Congress of Romanian Mathematicians, Academia Română, Piteşti, titlul expunerii: Possible Capture of Near Earth Objects;
- 25 – 30 aug. 2003, JENAM –2003 Joint European and National Astronomical Meeting for 2003, New Deal in European Astronomy: Trends and Perspectives, Budapest, Hungary, titlul expunerii: Capture zones in the Solar system;
- 5 – 26 sept. 2003, Chaotic Wordls: From Order to Disorder in Gravitational N-Body Dynamical Systems, NATO Advanced Study Institute, Cortina d'Ampezzo (Italia), titlul expunerii: The Chaotic Variation of Capture Effect int he N-Body Problem;
- 3 – 6 iunie 2004, Theodor Angheluţă 2004 - Cluj-Napoca, The 9th International Conference on Applied Mathematics and Computer Science, Universitatea Tehnică din Cluj-Napoca, Baisoara, titlul expunerii: Pulsating Hill-regions in the spatial elliptic restricted three-body problem;
- 9 – 12 iunie 2004, 5th Joint Conference on Mathematics and Computer Science, Universitatea din Debrecen, Debrecen (Ungaria), titlul expunerii: Properties of the Hill – zones in the ERTBP;
- 31 aug. – 4 sept. 2004, IAU Colloquium No. 197, Dynamics of Populations of Planetary Systems, Belgrade, Serbia and Montenegro, titlul expunerii: Classification of NEAs with Artificial Neural Network;
- 17 – 19 ian. 2005, British-Romanian-Hungarian Workshop for Young Researchers on Plasma- and Astrophysics: from laboratory to outer space, Cluj-Napoca, titlul expunerii: The Hill's stability of Moon in the spatial three-body problem;
- 4 – 5 martie 2005, Chaos in Dynamical Systems, Sapientia University, Miercurea-Ciuc, titlul expunerii: Káosz a ballisztikus befogás jelenségében (Haos în procesul de captură balistică, în lb. maghiară);
- 11 – 16 sept. 2005, Fourth International Meeting on Celestial Mechanics, Italian Society of Celestial Mechanics and Astrodynamics, San Martino al Cimino (Italia), titlul expunerii: The hyperbolic network in captue domain;
- 16 – 18 noi. 2005, 5nd International Symposium of Hungarian Researchers on Computational Intelligence, Tehnical University of Budapest, Budapesta, titlul expunerii: Approximation with Diffusion-Neural-Network;
- 25 – 27 mai 2006, Actual Problems in Celestial Mechanics and Dynamical Astronomy, International Workshop on Celestial Mechanics, Universitatea Babeş-Bolyai şi Universitatea Sapientia, Cluj-Napoca, titlul expunerii: The chaotic structure of capture domain;

- 28 – 31 ianuarie 2007, 7th International Conference on Applied Informatics, Eger, Debreceni Egyetem, Eszterházy Károly Főiskola, titlul expunerii: Banded approximation with diffusion-neural-network;
- 28 mai – 8 iunie 2007, Extra-Solar Planets: Scottish Universities Summer Schools in Physics No. 62, Sabhal Mor Ostaig, Isle of Skye ,United Kingdom, titlul expunerii: Transient chaos in the capture domain;
- 8 – 12 aprilie 2008, Exploring the Solar System and the Universe, Astronomical Institute of the Romanian Academy, Bucharest, titlul expunerii: Chaotic variation of the capture effect;
- 3 – 6 iulie 2008, 7th Joint Conference on Mathematics and Computer Science, Universitatea Babeş-Bolyai, Cluj-Napoca, titlul expunerii: Information matrix technique with quasi-triangular fuzzy numbers;
- 10 – 13 septembrie 2008, The12th International Conference on Applied Mathematics and Computer Science, Universitatea Tehnică din Cluj-Napoca, Baisoara, titlul expunerii: Capture effect of the resonant orbits.
- 7-12 septembrie 2009, CELMEC V (International Conference on Celestial Mechanics), Italian Society of Celestial Mechanics and Astrodynamics, San Martino al Cimino (Italia), titlul expunerii: Weak Stability Boundary in Sun-Mercury System.
- 21-26 iuie 2010, "Alexandru Myller" Mathematical Seminar Centennial Conference, Facultatea de Matematică din Universitatea Alexandru Ioan Cuza şi Institutul "Octav Mayer" al Academiei Române, Iaşi, titlul expunerii: Extracting fuzzy if-then rule by using the information matrix technique with quasi-triangular fuzzy numbers.
- 26-28 august 2010, The 13th International Conference on Applied Mathematics and Computer Science, Universitatea Tehnică din Cluj-Napoca, titlul expunerii: Function approximation with additive fuzzy system.
- 9-12 februarie 2012, 9th Joint Conference on Mathematics and Computer Science, Siófok, titlul expunerii: The modified joint optimal strategy concept in zero-sum fuzzy matrix games.
- 25-26 mai 2013, Conferinţa Matinfo, Târgu-Mureş, titlul expunerii: A gyenge gravitációs befogási tartomány szerkezete.
- 10-14 iunie 2013, 8th Conference on Applied Mathematics and Scientific Computing, Šibenik, Croația, titlul expunerii: Correlated equilibrium in bimatrix games with fuzzy payoffs.
- 1-7 septembrie 2013, The Sixth International Meeting on Celestial Mechanics, San Martino al Cimino, Italia, tilul expunerii: Some statistical properties of Weak Stability Boundary.
- 8-9 septembrie, 2015, 5th International Conference on Mathematics and Informatics, Tg. Mures, tilul expunerii: Ont he BLP method.
- 13-15 noiembrie, 2015, Conferința "VI Matematika és Informatika Alkalmazásokkal Konferencia" (VI-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, titlul expunerii: Echilibrul corelat.
- 29 - 30 august 2016, 12th International Conference on Application of Fuzzy Systems and Soft Computing (ICAFS 2016), Vienna, Austria, tilul expunerii: Correlated Equilibrium in Bimatrix Games with Fuzzy Payoffs.
- 20 – 22 octombrie 2016, 13th Annual International Conference on Economics and Business, Miercurea Ciuc, tilul expunerii: Fuzzy correlated equilibrium.
- 3 – 9 septembrie 2017, The Seventh International Meeting on Celestial Mechanics, San Martino al Cimino, Italia, titlul expunerii: The distribution of velocities on weak stability boundary.
- 10–12 mai 2018, 14th Annual International Conference on Economics and Business, Miercurea Ciuc, titlul expunerii: Correlated equilibriums of the game in fuzzy enviroment.
- 15-17, noiembrie 2019, Conferința „10. Matematika és Informatika Alkalmazásokkal Konferencia" (10-a conferință de matematică și informatică cu aplicații), Cluj Napoca, titlul expunerii: Analiza problemelor din teoria jocurilor bazată pe teoria perspectivei.
- 5–9 octombrie 2020, The 14th International Conference on Game Theory and Management, St. Petersburg, Rusia, titlul expunerii: The role of preference orderings in the definition of equilibriums.
- 6 – 11 august 2021, XI. Tabăra anuală astronomică AMAT, Homoródfürdő, titlul expunerii: Câteva observații cu privire la viteza de evadare.
- 2 – 4 septembrie, 2021, Conferința restaurativă internațională, Miercurea-Ciuc, titlul expunerii: Modelarea practicilor restaurative prin teoria jocurilor.
- 9 – 10 septembrie, 2021, International Conference on Mathematics and Informatics, Târgu Mureș, titlul expunerii: Boundary curves in the weak stability transition-region.
- 24 – 26 septembrie, 2021, Reuniunea națională de cercetare astronomică și spațială, Hajdúböszörmény, Ungaria, titlul expunerii: Activități și planuri ale Asociației Maghiare Astronomice din Transilvania.
- 18 – 22 octombrie 2021, IAU Symposium – Multi-scale (time and mass) dynamics of space objects, Iași, titlul expunerii: Weak stability transition region near the orbit of the Moon.

- 12-14, noiembrie 2021, Conferința „12. Matematika és Informatika Alkalmazásokkal Konferencia” (12-a conferință de matematică și informatică cu aplicații), Cluj Napoca, titlul expunerii: Câteva comentarii cu privire la viteza de evadare.
- 10-12 mai 2023, 16th Annual International Conference on Economics and Business, Miercurea Ciuc, titlul expunerii: Reference point equilibrium
- 6 octombrie 2023: Csillagok útján, Csillagászati és űrkutatási találkozó (Drumul spre stele, Reuniune de astronomie și de cercetare spațială), Miercurea Ciuc, titlul expunerii: Evadare din câmpul gravitațional al Pământului
- 16-18, noiembrie 2023, Conferința „14. Matematika és Informatika Alkalmazásokkal Konferencia” (14-a conferință de matematică și informatică cu aplicații), Cluj Napoca, titlul expunerii: Echilibrul de referință în teoria jocurilor
- 15-17 noiembrie 2024, 15. Matematika és Informatika Alkalmazásokkal Konferencia (14-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, titlul expunerii: Preferencia-homogén érékfüggvény a kilátáselméletben (Funcția de utilitate omogenă în teoria perspectivei)
- 21-23, mai 2025, 17th Annual International Conference on Economics and Business, Miercurea Ciuc, titlul expunerii: Intuitionistic fuzzy certainty equivalence in prospect theory
- 2-4 iunie 2025, The Art of Invisible Force: The Dynamics of Equilibria Near and Far, Scientific Conference in Honor of Érdi Bálint, Budapesta, , titlul expunerii: The separating region between the initial values of stable and unstable trajectories
- 8-11 septembrie 2025, 10th International Mathematics and Informatics Conference, Targu Mures, titlul expunerii: The general form of intuitionistic fuzzy preference-homogeneous value functions.

L. Alte realizări semnificative

Organizarea unor conferinţe şi simpozioane:

- Coordonatorul colectivului de organizare a Simpozionului ştiinţific cu participare internaţională: Haos în sisteme dinamice, Universitatea Sapientia, Miercurea-Ciuc, 3–5 martie, 2005;
- Coorganizator al conferinţei internaţională: Probleme actuale în mecanică cerească şi astronomie dinamică” (“Actual Problems in Celestial Mechanics and Dynamical Astronomy”), Cluj-Napoca, 25-27 mai 2006.
- Coordonatorul colectivului de organizare a conferinţei cu participare internaţională: Bolyai Farkas Emlékkonferencia (Conferinţa Omagială Bolyai Farkas), Universitatea Sapientia, Miercurea Ciuc, 25-26 noiembrie 2006.
- Coordonatorul colectivului de organizare a conferinţei cu participare internaţională: EME 150 Éves Emlékkonferencia (Conferinţa Omagială EME 150), Universitatea Sapientia, Miercurea Ciuc, 6-7 noiembrie 2009.
- Membru în colectivul de organizare a concursului „Saπ tehetségnap”, Miercurea Ciuc, 15 ianuarie 2011, 21 ianuarie 2012 respectiv 19 ianuarie 2013.
- Membru în colectivul de organizare a concursului „Pénzidomár”, Miercurea Ciuc, 5decembrie 2013.
- Coordonatorul colectivului de organizare al conferinței “VI Matematika és Informatika Alkalmazásokkal Konferencia” (VI-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, 13-15 noiembrie 2015.
- Membru în colectivul de organizare a concursului „Saπ tehetségnap”, Miercurea Ciuc, 15 ianuarie 2011, 21 ianuarie 2012, 19 ianuarie 2013, 18 ianuarie 2014, 30 ianuarie 2016 respectiv 14 ianuarie 2017.
- Membru în Comitetul științific al conferinței 6th International Conference on Mathematics and Informatics, Tg. Mures, 2017.
- Membru în Comitetul științific al conferinței 7th International Conference on Mathematics and Informatics, Tg. Mures, 2019.
- Membru în Comitetul științific al conferinței 8th International Conference on Mathematics and Informatics, Tg. Mures, 2021.
- Membru în Comitetul științific al conferinței 9th International Conference on Mathematics and Informatics, Tg. Mures, 2023.
- Membru în Comitetul științific “XIV. Matematika és Informatika Alkalmazásokkal Konferencia” (XIV-a conferință de matematică și informatică cu aplicații), Cluj-Napoca, 16-18 noiembrie 2023.
- Coordonatorul colectivului de organizare al conferinței 15. Matematika és Informatika Alkalmazásokkal Konferencia (14-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, 2025.

- Membru în Comitetul științific al conferinței 10th International Conference on Mathematics and Informatics, Tg. Mures, 2025.
- Gestionarea realizării și punerii în funcțiune a Planetariului Universității Sapientia, la Miercurea Ciuc, 2025.

Data: 31 septembrie 2025

* Conform H.G. 1175/ 2006

Lista de lucrări

Numele şi prenumele Oláh-Gál Róbert

A. Teza de doctorat:

Cercetări din geometrie diferenţială, asistată de calculator, Debreţin, Ungaria, 1993. Echivalare în România 2000.

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate

Oláh-Gál Róbert: *Interesting facts about Transylvanian mathematicians*, LAP LAMBERT Academic Publishing, 2017. ISBN 978-3-330-32569-2.

Oláh-Gál Róbert: Források az erdélyi magyar matematikai élet 1785–1918 közötti időszakának történetéhez, *(Izvoare pentru viaţa de matematică maghiară din Transilvania, între anii 1785–1918)* **Ed. MATI Magyar Tudománytörténeti Intézet, Budapest, 2015., ISBN 978-615-5365-12-6 (Ungaria), 196 pg.**

Oláh-Gál Róbert: ***Az értől az óceánig: Réthy Mór (1846-1925) akadémikus élete és munkássága,*** *(Viaţa şi opera academicianului Mór Réthy)* **Ed. MATI Magyar Tudománytörténeti Intézet, Budapest, 2013., ISBN 978-615-5365-04-1 (Ungaria), 222 pg.**

Kiss Elemér–Oláh-Gál Róbert: *Újabb fejezetek Bolyai János életművéből (Noi capitole din opera lui János Bolyai)***, Ed. Magyar Tudománytörténeti Intézet, Pannon Egyetem, Budapest-Veszprém, 2011. ISBN 978-963-9276-46-8 (UNGARIA), 248. pg.**

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

- Filep Levente, Garda-Mátyás Edit**, Oláh-Gál Róbert:** *Excel közgazdász- és mérnökjelölteknek (Excel pentru studenți la economie și științe inginerești),* **Ed. Scientia, Cluj-Napoca, 2021, ISBN 978-606-975-053-7,** 190 pagini.
- **Oláh-Gál Róbert,** *Közgazdasági adatok statisztikai feldolgozása Excel segítségével, (Prelucrarea statistică a datelor economice cu ajutorul programului Excel)***,** Ed. Scientia, Cluj-Napoca, 2013., ISBN 978-973-1970-77-6, 256 Pg.
- **Oláh-Gál Róbert***: Az informatika alapjai, (Bazele informaticii*) Ed. Scientia, Cluj-Napoca, 2007. ISBN 978-973-7953-61-2, 160 pg.
- **Oláh-Gál Róbert** : *Bolyai Farkastól Farkas Gyuláig* (*De la Farkas Bolyai până la Gyula Farkas*, în limba maghiară), Editura Status, Miercurea-Ciuc, 2006, ISBN 973-8311-83-7, 178 pg.
- **Oláh-Gál Róbert:** *Bolyai-breviárium (Breviar Bolyai)***,** Editura Scientia Kiadó, Cluj/Kolozsvár, 2012. ISBN 978-973-1970-73-8, p. 180 pg.
- **Oláh-Gál Róbert:** *Bolyai-breviárium (Breviar Bolyai)***,** Editura Scientia Kiadó, Cluj/Kolozsvár, 2015. ISBN: 978-973-1970-91-2 (973-1970-91-6), p. 192 pg. **Ediţia nouă**.

- **Oláh-Gál Róbert:** *Báró altorjai Apor Károly (1815–1885) életének és munkásságának vázlatos bemutatása (Viaţa şi opera lui Karoly Apor(1815–1885),* Scientia Kiadó, Kolozsvár, 2016., ISBN: 978-973-1970-99-8 (973-1970-99-1), 110 p.

- **Apor Eszter- Oláh-Gál Róbert:***Bolyai Farkas arcképfestője Szabó János (Pictorul cine a desenat portretul lui Farkas Bolyai, Janos Szabo)*, társszerző:, Pro-Print Kiadó, 2016. ISBN 978-606-556-094-9.

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

- **Oláh-Gál Róbert:** *A Bolyaiak a történelem sodrásában (Despre cei doi Bolyai în decursul istoriei),* Pro-Print Könyvkiadó, Csíkszereda, 2025. p.289., ISBN 9786065561809.
- **Oláh-Gál Róbert:** *Cei doi Bolyai (în limba română)***,** Editura Pro-Print, Miercurea- Ciuc, 2024. p. 71., ISBN 978-606-556-171-7.
- **Oláh-Gál Róbert– Sándor József:** *Szemelvények a Bolyaiak matematikai kézirataiból (Selecţii din manuscrisele matematice ale cei doi Bolyai)***,** Pro-Print Könyvkiadó, Csíkszereda, 2022. p.129., ISBN 978-606-556-149-6.
- **Oláh-Gál Róbert:** *Gyerekeknek a Bolyaiakról (Despre cei doi Bolyai dedicat copiilor)***,** Pro-Print Könyvkiadó, Csíkszereda, 2022. p.80., ISBN 978-606-556-162-5.
- **Oláh-Gál Róbert:** *Bolyai-sommázat. (Sumar Bolyai)***,** Pro-Print Könyvkiadó, Csíkszereda, 2021. p.350., ISBN 978-606-556-146-5.
- **Farkas Péter–Oláh-Gál Róbert:** *A leghíresebb helyettes tanár: Szász Károly. (Károly Szász, cel mai renumit profesor suplinitor)***,** Pro-Print Könyvkiadó, Csíkszereda, 2019. p.239., ISBN 978-606-556-123-6.
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- *Oláh-Gál Róbert: A Bolyaiak - Erdély művelődéstörténetében (Both the Bolyais in the Cultural History of Transylvania)* **Kaleidoscope. Művelődés-, Tudomány- és Orvostörténeti Folyóirat,** *6. évf. 13. sz. (2016.)* pp.*410-415***. ISSN:** 2062-2597, http://epa.oszk.hu/02300/02316/00013/pdf/EPA02316_kaleidoscope_2016_13_410-415.pdf, *DOAJ- Directory of Open Access Journals*
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- **Oláh-Gál Róbert:** *Szemelvények Réthy Mór levelezéséből* ***(Fragmente din corespondenţa lui Mór Réthy*****,** Polygon, Shegedin, Ungaria **vol. XX. Nr. 2., 2012., pp.5-10.** ISSN 1215-3044.
- **Oláh-Gál Róbert:** *Réthy Mór és Tullio Levi-Civita, (Mór Réthy and Tullio Levi-Civita) 2011., 7-8., Fizikai Szemle., HU ISSN 1588-0540., pp.254-256.*
- **Oláh-Gál Róbert:** *Bolyai János hőelméleti vázlata, (The sketch of a heat theory proposed by J. Bolyai) 2010., 3., Fizikai Szemle., HU ISSN 1588-0540., pp. 82-84.*
- **Oláh-Gál Róbert:** *Kacsóh Pongrác, a fizikus, (Pongrác Kacsóh, our renown componist, as a physicist)* 2009. január, Fizikai Szemle., HU ISSN 1588-0540.
- **Oláh-Gál Róbert:** *Bolyai János és Ács Lajos*, (*Janos Bolyai şi Lajos Acs*) Polygon, Shegedin, Ungaria, 2005. január., ISSN 1215-3044.
- **Oláh-Gál Róbert:** *A Bolyai-Lobacsevszkij -féle geometria modellezhetősége*, (*Modelarea geometriei lui Bolyai-Lobacevski*), Fizikai Szemle 1988/4. Budapesta, Ungaria
- **Oláh-Gál Róbert:** *Boole egyenletrendszerek PROLOGban*. (*Sisteme de ecuaţii Boole în PROLOG*) (Alaplap 1990, december, Budapest, Ungaria)
- **Róbert Oláh-Gál:** *A note on the existence of complete surfaces with constant negative curvature in E^5* (Technical Report No.92/29. Universitas Debrecen, Department of Mathematics, Lajos Kossuth University)
- **Oláh-Gál Róbert:** *Bolyai János egyik leghosszabb fizika tárgyú kéziratáról* (J. Bolyai's longest manuscript dealing with physical problems), Fizikai Szemle, LVIII. évf., 2008. szeptember, Fizikai Szemle., HU ISSN 1588-0540. http://www.kfki.hu/fszemle/fsz0809/olah0809.html
- **Oláh-Gál Róbert:** *Marosvásárhely egészségügye 1821-ben***,** Communicationes de Historia Artis Medicinae, Budapest, pp. 215-221.
- **Oláh-Gál Róbert:** *A Bolyai család címere*, Polygon, Shegedin, Ungaria, vol. XIV., Nr.2., 2005, pp.9-3. ISSN 1215-3044.
- **Oláh-Gál Róbert:** *A matematikus Szász Károly*, Polygon, Shegedin, Ungaria, vol. XVII., Nr.1-2., 2008, pp.17-25. ISSN 1215-3044.
- **Oláh-Gál Róbert:** *Eötvös Loránd és Réthy Mór levelezése*, 2009. szeptember, Fizikai Szemle., HU ISSN 1588-0540.pp.311-314.

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

- **Zakariás Adrienn-Oláh-Gál Róbert:** A középértékek szélsőérték-tulajdonságáról, **Matlap** 2024, 8. szám. pp. 265-268

- **Molnár Martina–Oláh-Gál Róbert:** Statisztika az elemi oktatásban (Statistică în învățământul gimnazial) MATLAP 5-6. XXVIII évf. 2024. május–június. ISSN 1224-3140., pp.163-168.

- **Oláh-Gál Róbert:** A Bolyai-kutatás megoldott és nyitott problémái. (Problemele rezolvate și deschise ale cecetările Bolyai) MATLAP 9. XXVII. évf. 2023. november. ISSN 1224-3140., pp.317-320.

- **Oláh-Gál Róbert:** Aki elsőként tanított számelméletet, valószínűségszámítást és matematikatörténetet a Kolozsvári Egyetemen, MATLAP 8. XXVI. évf. 2022. október. ISSN 1224-3140., pp.273-275.

- **Oláh-Gál Róbert:** „Kebel x" (A Bolyaiak szelleme kísért), MATLAP 9. XXIV. évf. 2020, ISSN 1224-3140., pp.313-314.

- *FERENCZ Márta, LŐRINCZ Annamária, OLÁH-GÁL Róbert:* Adalékok Wald Ábrahám életrajzához (Additions to Abraham Wald's biography, Adăugări la biografia lui Abraham Wald*), Historia Scientiarum, 2019., Nr. 17., pp. 13-19., ISSN 2285-1984, ISSN-L 2285-1984.*

- **Oláh-Gál Róbert:** Tündér-betűtudákosság és egyéb tündérségekről, MATLAP 7. XXIII. évf. 2019, ISSN 1224-3140., pp.244-246.
- **Oláh-Gál Róbert:** Matematika magyarul, MATLAP 8. XXIII. évf. 2019, ISSN 1224-3140., pp.287-291.
- *RÓBERT OLÁH GÁL: Petru Pipoş (1859 - 1913), The First Romanian Mathematician, Doctor of Mathematical Sciences in Cluj, ACTA MVSEI NAPOCENSIS, 54/11., HISTORICA II, 2017., CLUJ-NAPOCA., 2018., ISBN 978-973-109-858-6, pp.63-67.*
- *Oláh-Gál Róbert – Veress-Bágyi Ibolya:* Vályi Gyula budapesti meghívása (Gyula Vályi Invited to Budapest)*,), Historia Scientiarum, 2014., Nr. 12., pp. 3-7., ISSN 2285-1984, ISSN-L 2285-1984.*
- *Oláh-Gál Róbert*: Bartha Gyula baróti matematikus Vályi Gyulához írt levelei (Letters of the mathematician Gyula Bartha to Gyula Vályi*), Historia Scientiarum,2014., Nr. 12., pp.25-33., ISSN 2285-1984,ISSN-L 2285-1984*
- *Oláh-Gál Róbert: Kiegészítések három matematikus életrajzához (New Data in the Biography of Three Matemathicians) Historia Scientiarum, 2013., Nr. 11., pp.13-27., ISSN 2285-1984,ISSN-L 2285-1984*
- *Oláh-Gál Róbert: Réthy Mór és Farkas Gyula ügyködése, egy Bolyai-utód megsegítéséért (Contributions of Mór Réthy and Gyula Farkas to Help a Bolyai's Descendant), Historia Scientiarum,2012., Nr. 10., pp.20-22., ISSN 2285-1984,ISSN-L 2285-1984*
- **Oláh-Gál Róbert—Sándor József:** *Brassai Sámuel, a kolozsvári egyetem első matematikaprofesszora (Sámuel BRASSAI, the first professor of mathematics of the university of Cluj),* (Műszaki Szemle 2011., Nr. 54), Historia Scientiarium 8, p.9-17., ISSN 1454-0746.

- **Oláh-Gál Róbert:** *Hogyan került Schlesinger Lajos Kolozsvárra?* (*How to get Ludwig Schlesinger to Cluj/Kolozsvár,* (Műszaki Szemle 2010., Nr. 50), Historia Scientiarium 7., 2010, p.16-22., ISSN 1454-0746.
- **Oláh-Gál Róbert:** *A Ferenc József Tudományegyetemen matematikából doktoráltak listája, (The list of persons obtaining doctor's degree in Mathematics at Franz Joseph University),* (Műszaki Szemle 2009., Nr. 46), Historia Scientiarium 6., 2009, p.28-33., ISSN 1454-0746
- **Oláh-Gál Róbert:** *Villanások Fejér Lipót kolozsvári éveiből* (Flashes from Lipót Fejér's in Cluj), Historia Scientiarium 5., 2008, p.37-39., ISSN 1454-0746
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- **Oláh-Gál Róbert:** Réthy Mór vázlatos életrajza, MATLAP 10., XII. évf. 2008, ISSN 1224-3140., pp.362-364.
- **Páter Zoltán – Oláh-Gál Róbert:** *Egész együtthatós polinomok irreducibilis tényezőkre bontása.(Decomposition of algebraic polynomes with integers coefficients in irreducible factors.),* Műszaki Szemle, Cluj-Napoca, 44., 2008, p.37-39., ISSN 1454-0746
- **Róbert Oláh-Gál:** *Cinci ani de la dispariţia lui Vasile Ene*, Gazeta matematică, Seria A. 2004. Nr.2., pp. 182-188, ISSN 1010-9943
- **Róbert Oláh-Gál:** *Reflecţii despre viaţa şi opera lui János Bolyai*, Gazeta matematică, Seria A, 2004. Nr. 3., ISSN 1010-9943
- **Oláh-Gál Róbert:** *Bolyai János kézirata Sturm tételéről* (Manuscrisul lui Janos Bolyai despre teorema lui Sturm), Műszaki Szemle, 27/2004, Historia Scientiarum Nr.2, ISSN 1454-0746
- **Oláh-Gál Róbert:** *Dokumentumok Bolyai János szülőházáról és eredeti sírhelyéről* (*Documente despre casa natală şi despre mormântul original a lui János Bolyai*), Műszaki Szemle, 30/2005, Historia Scientiarum Nr.2, ISSN 1454-0746, pp. 4-12.
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C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

- **Oláh-Gál Róbert:** *Bolyai-emlékév, A Bolyai-geometria szemléltetése számítógépi grafikával (Vizualizarea geometriei lui Bolyai, cu ajutorul graficii pe calculator)* **Firka 33. évf. 1. sz. (2023.), ISSN: (1224-371X), 1583-4379, pp. 2-3.**
- **Oláh-Gál Róbert, - Kovács Lehel István:** *A pszeudoszféra geodetikus vonalai, és azoknak 3D nyomatóval való megvalósítása (Geodezicele pseudosferei şi reprezentarea lor cu imprimanta 3D)* **Firka 33. évf. 1. sz. (2023.), ISSN: (1224-371X), 1583-4379, pp. 4-12.**

- **Kelemen Hajnalka–Oláh-Gál Róbert:** *A programozás alapjainak játékos tanítása Logo programozási nyelv segítségével (Predarea fundamentele programării în stil jucăuşi cu ajutorul limbajului LOGO)* **Firka 31. évf. 1. sz. (2022.), ISSN: (1224-371X), 1583-4379, pp. 24-28.**

- **Sugár Krisztina – Oláh-Gál Róbert:** *Zene oktatása Logo programozási nyelv segítségével (Predarea fundamentele muzicii cu ajutorul limbajului LOGO)***,** **Firka** 30. évf. 3. sz. (2021.), ISSN: (1224-371X), 1583-4379, pp. 25-29.
- **Dr. Oláh Gál Róbert és Berecki Zoltán:** Ismerkedjünk meg újra a Logo programozási nyelvvel, I. rész, FIRKA (Fizika InfoRmatika Kémia Alapok), (2019), 28. évfolyam, 3. szám, ISSN: (1224-371X), 1583-4379, pp. 30-33.
- **Oláh-Gál Róbert:** *Tófalve okiratokban való említése, Apor Károly hagyatékában (Registrul documentelor istorice ale satului Tofalău, în arhiva familiei Apor)*, Caiete Sângeorzene,. VIII/2020., ISSN 2393-0551., pp.51-58.
- **Oláh-Gál Róbert:** *Apor Károly és felesége, Dobrai Katalin végrendelete (Contractul de donație a lui Katalin Dobrai, văduva lui Károly Apor)*, Caiete Sângeorzene,. VII/2019., ISSN 2393-0551., pp.51-62.

- **Lőrincz Annamária, Oláh-Gál Róbert:** *A lineáris algebra meghonosodása Erdélyben, (Ki tanított először lineáris algebrát Erdélyben?) Răspândirea algebrei lineare în Transilvania, (Cine a predat pentru prima dată algebră lineară în Transilvania), (Historia Scientiarum Nr. 16, 2018.), pp. 35-42*
- **Sándor József–Oláh-Gál Róbert:** *A számelméleti és a geometriai kongruencia***,** MATLAP 7, 2011, szeptember, pp. 241-244., ISSN 1224-3140.
- **Oláh-Gál Róbert:** *Az ellipszis érintőjének szerkesztése és Bolyai János jegyzete a tengelyes affinitásról*, MATLAP 4. XV. évfolyam 2011. április, ISSN 1224-3140., pp.121-123.
- **Sándor József, Oláh-Gál Róbert:** *180 éve jelent meg az Arithmetica eleje***,** MATLAP 7, 2010, július-szeptember, pp. 242-247., ISSN 1224-3140.
- **Oláh-Gál Róbert:** *Bolyai János egy észrevétele a lánctörteknek részlettörtekkel való felírására*, MATLAP 8. XIV. évfolyam 2010. október, ISSN 1224-3140., pp.283-286.
- **Oláh-Gál Róbert:** *150 éve hunyt el Bolyai János***,** Matlap (Gazeta de Matematica în maghiară), XIV., 2010. január, pp. 1-3., ISSN 1224-3140.
- **Oláh-Gál Róbert:** *Az egyköpenyű hiperboloid a Vályi-féle tételben* (*Hiperboloidul cu o pânză în teorema lui Valyi*), Matlap (Gazeta de Matematica în maghiară), IX., 2005. január, pp. 9-11., ISSN 1224-3140.
- **Róbert Oláh-Gál:** *Documente în legătură cu matematicianul János Bolyai, ce se află în Arhivele Statului Mureş*, Anuarul Arhivelor Statului Tg-Mures, Târgu-Mureş, 2004, , pp. 295-298., ISSN 1583-1337.
- **Oláh-Gál Róbert:** *Bolyai János egy kamatszámítási feladata*, (*O problemă de calcul a dobânzii a lui Janos Bolyai*) Matlap (Gazeta de Matematica în maghiară), 3, 2003 március., pp.85-87., ISSN 1224-3140.
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- **Oláh-Gál Róbert:** *Kígyófelületek E4-ben,* Múzeumi Füzetek. Új sorozat, 1997. 6. sz. 26-38. old.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

- **Oláh-Gál Róbert: Serkentő szó,** Concursul Naţional de Matematică „Brenyó Mihály”, Clasele 3-4,Ediţia a XVIII-a, Tîrgu-Mureş, 17-19 mai 2019. pp.6-7., Editura Romghid, ISBN 978-606-8243-09-2.

- **Oláh-Gál Róbert: Kedves matematikus barátaim!,** Brenyó Mihály Pontszerző matematikaverseny, Országos döntő
(országos matematikai verseny, március. 23-25) Marosvásárhely, 2018. március 23-25. pp.6-7., ISBN 978-606-8243-09-2. Editura RomGhid.

- **Oláh-Gál Róbert: Bolyai János nyelvészeti munkásságának vázlatos ismertetése,** Kőrösi Csoma Sándor nyomok az időben, KŐRÖSI CSOMA SÁNDOR – MŰVELŐDÉSI RÉTGEGZŐDÉSEK EURÁZSIÁBAN
(tud. konferencia, ápr. 9-11) Kovászna, 2015. április 9-11. pp.129-136., ISSN 1842-9645.

- **Oláh-Gál Róbert–Veress-Bágyi Ibolya:"Refutation of Imre Hermann's Allegation: Janos Bolyai Was Not Insane" at the ICEMA 2016:18th International Conference on Engineering Mathematics and Applications, January 21-22, 2016, Paris, France., EISSN: 1307-6892, pp: 1899-1902.**

- **Oláh-Gál Róbert: A magyar matematikai szaknyelv kialakulásáról,** VIII. Tudomány- és Technikatörténeti Konferencia, Belényes, 2015. június 18-21. pp.133-139., ISSN 2360-4255.

- **Oláh-Gál Róbert: A Páter-család története,** VII. Tudomány- és Technikatörténeti Konferencia, Szilágysomlyó, 2014. június 26-29. pp.133-139., ISSN 2360-4255.
- **Oláh-Gál Róbert: Serkentő szó fiatal matematikus barátaimhoz,** Concursul Naţional de Matematică „Brenyó Mihály”, Clasele 3-4,Ediţia a XIII-a, Tîrgu-Mureş, 28-30 martie 2014. pp.6-8., Editura Romghid, ISBN 978-606-8243-09-2.

- **Oláh-Gál Róbert:** Előszó, Bolyai János emlékverseny 1993-2012, Molnár Klára, Simon József, Szőcs Péter, Alutus, Csíkszereda, 2013., p.3. ISBN: 9789737875730.
- **Oláh-Gál Róbert:** A Bolyai-Lobacsevszkij-féle geometriáról, A FIZIKA, MATEMATIKA ÉS MŰVÉSZET TALÁLKOZÁSA AZ OKTATÁSBAN, KUTATÁSBAN, Nemzetközi konferencia magyarul tanító művésztanárok és szaktanárok számára, Marosvásárhely, 2012. augusztus 15-18., Kiadja: az ELTE Természettudományi Kara, Felelős kiadó: Surján Péter, dékán, Budapest, 2013., pp. 63-71., ISBN 978-963-284-346-9.
- **Oláh-Gál Róbert:** Bolyai-geometria oktatása a művészet nyelvén, A FIZIKA, MATEMATIKA ÉS MŰVÉSZET TALÁLKOZÁSA AZ OKTATÁSBAN, KUTATÁSBAN, Nemzetközi konferencia magyarul tanító művésztanárok és szaktanárok számára, Marosvásárhely, 2012. augusztus 15-18., Kiadja: az ELTE Természettudományi Kara,Felelős kiadó: Surján Péter, dékán, Budapest, 2013., pp. 95-100., ISBN 978-963-284-346-9.
- **Oláh-Gál R. - Szabó P. G.:** *Előhang*. *In: Könyves Tóth Kálmán:* Elemi geometria kezdőknek. Bolyai Farkas Űrtan elemei kezdőknek című könyvének újrafogalmazott, jegyzetekkel ellátott kiadása (A sajtó alá rendezésben közreműködött: Szabó P. G.), Szeged, 2008. Polygon. pp. 1-3.
- **Róbert Oláh-Gál - Alexandru Horváth:** *Deep geometrical thoughts from some - until now not published - manuscripts of János Bolyai*, Proceedings of the 3rd Conference on the History of Mathematics and _Teaching of Mathematics, University of Miskolc, 21-23 May, 2004. ISBN 973-98342-7-2, pp.65-75.

- **Róbert Oláh-Gál** - Júlia Salamon: *Geodetics on the Pseudosphere*, IV International Conference "Non-Euclidean Geometry in Modern Physics and Mathematics", Nizhny-Novgorod, Russia September 7 – 11, 2004, ISBN 966-02-3466-X
- **Róbert Oláh-Gál:** *Рукописи Яноша Боляи о Лобачевском*, IV International Conference "Non-Euclidean Geometry in Modern Physics and Mathematics", Nizhny-Novgorod, Russia September 7 – 11, 2004, ISBN 966-02-3466-X, pp. 194-196
- **Róbert Oláh-Gál** - László Pál: *Discrete approximation*, 6 -th International Conference on Applied Informatics, Eger, Hungary, January 27 - 31, 2004., pp. 409-415.
- **Róbert Oláh-Gál** – Szilárd Máté: *Virtual portrait of János Bolyai*, 6-th International Conference on Applied Informatics, Eger, Hungary, January 27 - 31, 2004. pp. 401-407.
- **Oláh-Gál Róbert:** *Logo helyzete Romániában. Matematikai feladatok megoldása Logoban*, Conferinţă naţională HungaroLogo 2004, Szerencs, 21 iunie 2004, Ungaria, ISBN 963 8431 92 X, pp. 39-44. (*Situaţia limbajului Logo în România. Rezolvarea problemelor matematice în Logo*, în lb. maghiară)
- **Róbert Oláh-Gál:** *JÁNOS BOLYAI AND MAROSVÁSÁRHELY* (Târgu-Mureş), International Conference on Non-Euclidean Geometry in Modern Physics, Bolyai-Gauss-Lobachevsky 3.(2003) ISBN 963 206 213 2.(Debrecen, Ungaria) pp. 113-118.
- **Róbert Oláh-Gál:** *Schlangeflache in E^4*, International Conference on Applied Informatics, Eger, Hungary, 23-25 August 1995., pp.101-110.
- **Róbert Oláh-Gál:** *Differentialgeometrische Untersuchungen mit Hilfe der Computergrafik*. International Conference on Applied Informatics, Eger, Hungary, 23-26 August 1993,

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

F. Invenţii

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

Granturi individuale – 2002-2012

Nr. crt.	Nume	Tema	Finanţator	Anul
	Lect. Dr. Oláh-Gál Róbert	Cercetări din istoria matematicii bazate pe documente arhivistice	Academia Maghiară	2010
	Lect. Dr. Oláh-Gál Róbert	Viaţa şi opera lui Mór Réthy	Academia Maghiară	2011
	Lect. Dr.	Cronologia	Academia	2012

	Oláh-Gál Róbert	**Bolyai**	**Maghiară**	

Proiect de cercetare acardată de Institutul Programelor de Cercetare Sapientia, 2003. Cercetări de geometrie diferenţială asistată de calculator. Conducător ştiinţific **Robert Oláh-Gál**, membrii: Asist.László Pál, Prep. Julia Salamon.

Contract privind acordarea bursei de cercetare Sapientia, 2004. Cercetări de geometrie diferenţială cu algebră şi garfică pe calculator. Conducător ştiinţific **Robert Oláh-Gál**, membrii: Lect. Dr. Alexandru Horváth, Asist: László Pál, Prep. Julia Salamon.

Contract privind acordarea bursei de cercetare Sapientia, 2005. Cercetări de geometrie diferenţială cu algebră şi garfică pe calculator. Conducător ştiinţific: **Robert Oláh-Gál**, membrii: Lect. Dr. Alexandru Horváth, Asist: Ágoston Róth, Prep. Tünde Sütő, Stud. Attila Bálint.

Bursă de cercetare individulă, acordată de Academia Maghiară, privind viaţa şi opera lui Janos Bolyai, 2004.

Bursă de cercetare individulă, acordată de Academia Maghiară, istoria matematicii în Ardeal. 2009.

Bursă de cercetare individulă (senior), acordată de Academia Maghiară, viaţa şi opera lui Mór Réthy.Anul 2011.

Bursă de cercetare individulă (senior), acordată de Academia Maghiară, Cronologia Bolyai. Anul 2012.

H. Creaţia artistică

H1 Participări la manifestaţii artistice internaţionale

H2. Participări la manifestaţii artistice naţionale

H3. Expoziţii, filme, spectacole, concerte, discuri de autor, opere internaţionale

H4. Expoziţii, filme, spectacole, concerte, discuri de autor, opere naţionale

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

I. Premii, distincţii Diploma de aur, acordată de Liceul Bolyai, pentru cercetarea Bolyai, 2002, 3 Menţiuni la concursuri de articole de popularizarea matematicii, Budapesta:1982,1984,1995. Certificat de bună apreciere stabilită prin ordin de zii de la Unitatea Militară, 1978.

J. Citări în reviste ISI

K. Participări la conferinţe naţionale şi internaţionale

á	Titlul conferinţei	Titlul prelegerii	Data
Universitatea Bucureşti	Sesiunea de Comunicări ştinţifice	Asupra unor suprafeţe cu curbură constantă	1982
Universitatea Babeş-Bolyai	Proceedings of Symposium in	Despre geodezicele pseudosferei	1992

	Geometry (Cluj-Napoca and Târgu-Mureş)		
Conference on Applied Informatics, Eger, Hungary, 23-26 August 1993	Conference on Applied Informatics	Differentialgeometrische Untersuchungen mit Hilfe der Computergrafik	1993
Balatonföldvár, ELTE, BME, KLTE,JPTE, JATE, Hungary	Konstruktive Geometrie	Hilbert's Satze über Flachen mit konstanter Krümmung im Raum E^4.	1993
Academia Română ,Academia Maghiară, Academia Rusă, Academia din Ucraina, Nyíregyházi Főiskola, Hungary	International Conference on Non-Euclidean Geometry in Modern Physics, Bolyai-Gauss-Lobachevsky 2	Surfaces in E^4	1999
Academia Română	Centenariul Vranceanu	Scufundarea planului hiperbolic în spaţiile Euclidiene în lucrările Prof. Gh. Vrănceanu	2000
Academia Maghiară, Hungary	Bolyai Konferencia	A Bolyai család története	2002
Academia Română ,Academia Maghiară, Academia Rusă, Academia din Ucraina, Târgu-Mureş	International Conference on Non-Euclidean Geometry in Modern Physics, Bolyai-Gauss-Lobachevsky 3	Bolyai János and Marosvásárhely	2002
Academia Română, Academia Maghiară, Univeristatea Babeş-Bolyai	Nem-euklideszi geometria	Bolyai János	2002
Debreceni Egyetem, Eszterházi Károly Tanárképző Főiskola, Eger, Hungary	6 -th International Conference on Applied Informatics, Eger, Hungary, January 27 - 31, 2004	Discrete approximation	2004
Universitatea din Debrecen	5th Joint Conference on Mathematics and Computer Science June 9-12, 2004, Debrecen, Hungary	Romanian manuscript in Bolyai's heritage, and Complete Surfaces With Constant Positive Curvature In E4	2004
University of Miskolc, Hungary	History of Mathematics & Teaching of Mathematics, 21-23 May, 2004	Deep geometrical thoughts from some - until now not published - manuscripts of János Bolyai	2004
Academia Romana ,Academia Maghiară, Academia Rusă, Academia din Ucraina, Nizhny-Novgorod, Russia	"Non-Euclidean Geometry in Modern Physics and Mathematics" , Nizhny-Novgorod, Russia September, 7 – 11	Geodetics on the Pseudosphere, (with Salamon Júlia) Рукописи Яноша Боляи о Лобачевском	2004
Univeristatea Babeş-Bolyai	International Conference in Memoriam GYULA FARKAS CLUJ-NAPOCA, 23-26 August 2005	Gyula Farkas as a Bolyai Researcher	2005
Institutul de Matematică Rényi, Hungary	Seminar, Februarie, 2006	Scufundarea planului hiperbolic	2006
University of Miskolc, Hungary	History of Mathematics & Teaching of Mathematics May 18- 21, 2006	Janos Bolyai and Hypercube	2006
Universitatea din Bucureşti	Conferinţa omagială Teleman	Scufundarea planului hiperbolic in spaţiile euclidiene	2008
Societate Muzeului Ardelean (EME)	Conferinţă omagială Réthy	Viaţa şi opera lui Mór Réthy	2008
Universitatea din Bucureşti	Conference on Differential Geometry – Tribute to Professor Kostake Teleman (1933-2007)	Profesorul Teleman, specialist şi in Istoria matematicii	2009
EMT Cluj	Istoria ştiinţei	Lista celor care au dat doctoratul în matematică la Univ. Franz Josif din Cluj	2009

EME 2012	Ziua ştiinţei maghiare	Helyreigazítások az erdélyi matematikusok életrajzában	Kolozsvár 2012. november 9-11.
ELTE Természettudományi Kara	A FIZIKA, MATEMATIKA ÉS MŰVÉSZET TALÁLKOZÁSA AZ OKTATÁSBAN, KUTATÁSBAN, Nemzetközi konferencia magyarul tanító művésztanárok és szaktanárok számára	A Bolyai-Lobacsevszkij-féle geometriáról	Marosvásárhely, 2012. augusztus 15-18
Sapientia EME Targu Mureş	SapMatInfo,	Veress Pál élete és munkássága	2013
EME Cluj	Ziua ştiinţei	X-ek a Bolyaial életében	2013
Szent István Egyetem, Alkalmazott Bölcsészeti és Pedagógiai Kar, Szarvas, Ugaria	Matézis, mechanika, metafizika	Bolyai Farkas matematikatanárai	2014. április 25.
Pannon Egyetem, Veszprém, Ungaria	A Műszaki Informatikai Kar meghívására, szemináriumi előadás	Réthy Mór élete és munkássága – Prékopa András 85. születésnapja tiszteletére	2014. szep.24.
Erdélyi Múzem-Egyesület Csíkszeredai Fiókegyesülete	Megemlékező tudományos Konferencia A Magyar Tudomány Napja Tiszteletére	Apor Károly élete és munkássága	2015.október 30.
Harghita Megye Tanácsa	A Magyar Nyelv Napja	A magyar matematikai szaknyelv kialakulása megújítása	2015. november 13.
University of Miskolc, Hungary	History of Mathematics & Teaching of Mathematics,	Oláh-Gál Róbert: Using Excel Graphic in teaching of mathematics in Higher Education	Miskolc, Hungary 2018. May 23-26.
Babes-Bolyai, EME, Sapientia EMTE Egyetem, KAB	A Magyar Tudomány Napja Erdélyben MTNE, 2018, Parajd	Lőrincz Annamária, Oláh-Gál Róbert: A lineáris algebra meghonosodása Erdélyben, (Ki tanított először lineáris algebrát Erdélyben?) Răspândirea algebrei lineare în Transilvania, (Cine a predat pentru prima dată algebră lineară în Transilvania),	2018. nov.16-18.
History of Mathematics and Teaching of Mathematics Miskolc,	Filep Levente, Oláh-Gál Róbert	Using Excel Graphic in teaching of mathematics in Higher Education	2018. May, 23-26.
EME Csíkszeredai Fiókegyesülete	Magyar Tudomány Napja, Csíkszereda	Id. Szász Károly (1798–1853) élete és munkássága	2018. nov. 9.
EMT Cluj_Napoca Online	EMT Tudománytörténeti Konferencia	Szénássy Barna	2020. jun.30.
Babes Bolyai University KAB Cluj-Napoca, Online	45th Conference of the Middle European Cooperation in Statistical Physics 14-16 September, 2020. http://atom.ubbcluj.ro/meco	The mathematical heritage of János Bolyai - Creating a new world out of nothing – Róbert Oláh-Gál[1] and Zoltán Néda[2] 1 Sapientia, Hungarian University	14-16 September, 2020.

	45/	of Transylvania, Romania 2 Babeș-Bolyai University, Romania	
ELTE, BJM, BME	Varga Tamás napok	Varga Tamás családfája https://www.bolyai.hu/32.%20Varga%20Tamas%20Modszertani%20Napok.pdf	32. Varga Tamás Módszertani Napok, 2020. november 6-7.
Corvinus University Budapest	Farkas Gyula Emléknap	Oláh-Gál Róbert: Farkas Gyula élete, különös tekintettel a kolozsvári éveire	10. december 2020.
University of Sopron Faculty of Forestry	International Day of Science	Oláh-Gál Róbert: Competition of Farkas Bolyai for the position of the Chief Forester of Transylvania	March 23, 2021
EMT Cluj-Napoca	TTK 15, Erdélyi Magyar Műszaki Tudományos Társaság TTK – 2022 XV. Tudomány-és TechnikatörténetiKonferencia	OLÁH-GÁL Róbert Kőrösi Csoma Sándor egy 1803-ból származó, nagyenyedi matematikai leckéje (eredeti kézirat alapján)	Bethlen Gábor Kollégium, Nagyenyed 2022. június 30. – július 3.
Sapientia EMTE, Csíkszeredai Kara	Magyar Tudomány Napja 2022, Csíkszeredai EME Fiók	Bolyai János, Erdély egyik legnagyobb hatású tudósa	Csíkszered, 2022. november 4.
Partiumi Keresztény Egyetem Nagyvárad+Debreceni Egyetem	Matematika és informatika didaktikai kutatások 2023 címmel szervezett közös konferenciát március 31. és április 2. között Nagyváradon a Partiumi Keresztény Egyetem és a Debreceni Egyetem Matematika- és Számítástudományok Doktori Iskola.	Az UNESCO Bolyai-emlékév tiszteletére, Bolyaiakról szóló könyveim (Plenáris előadás)	2023. április. 1. Vasárnap.
EMT, TTK XVI.	XVI. Tudomány- és Technikatörténeti konferencia, Nagyszalonta	A Bolyaiak, Mentovich Ferenc, Arany János és az Aporok	2023. jun.28– 2023. július. 1.
EMT Cluj-Napoca	TTK 16, Erdélyi Magyar Műszaki Tudományos Társaság TTK – 2023 XV. Tudomány-és TechnikatörténetiKonferencia	OLÁH-GÁL Róbert A Bolyaiak, Mentovich Ferenc, Arany János és az Aporok	Arany János Iskola-központ, Nagyszalonta 2023. június 29. – július 2.
MTA, Bolyai Intézet	BOLYAI EMLÉK ÜLÉS – “ SEMMIBŐL EGY UJJ	Bolyai-kutatásaim összefoglalása - A hiperbolikus sík beágyazhatósága	2023. november

	MÁS VILÁGOT TEREMTETTEM”	euklideszi terekbe Dr. Oláh-Gál Róbert (Sapientia Erdélyi Magyar Tudományegyetem, Csíkszeredai Kar, Gazdaságtudományi Tanszék)	24., 11:00-14:00 óra SZTE TTIK Bolyai Intézet, Bolyai terem (6720 Szeged, Aradi vértanúk tere 1.)
MTA, Eötvös Loránd Fizikai Társulat	The 12th Bolyai–Gauss–Lobachevsky (BGL) Conference on Non-Euclidean Geometry in Modern Physics and Mathematics	Olűh-Gál Róbert: What is the physical and philosophical consequence of Hilbert's famous theorem, according to which Bolyai-Lobachevskii plane geometry cannot be implemented globally as internal geometry of a surface in 3-dimensional space?	Budapest, 2024. 05. 1–3.
EMT, TTK XVII.	XVI. Tudomány- és Technikatörténeti konferencia, Nagykároly (Carei)	Molnár Martina (student EC anul I)–Oláh-Gál Róbert: Hogyan lett a statisztikából matematikai diszciplína	CAREI 2024. jun.30–2024. július. 2.
EMT, TTK XVIII.	EMT, TTK XVIII. Tudomány és Technikatörténeti, Konferencia, Kolozsvár (Cluj-Napoca)	Oláh-Gál Róbert: Bolyai János és az MTA	Cluj, 2025. június 26-29.
EME, Magyar Tudomány Napja, MTNE, Történelem tudományi Szekció	EME, Magyar Tudomány Napja, Kolosvár,	Oláh-Gál Róbert: Finaly Henrik származása és kapcsolata Réthy Mórral	Cluj, 2025. október 20.
MTNE, Matematikai Osztály	MTNE, 2025. Marosvásárhely. november 27.	Oláh-Gál Róbert: Bolyai Farkas egyik ismeretlen kéziratáról	Marosvásárhely, 2025. november 27.

The mathematical heritage of János Bolyai - Creating a new world out of nothing –
Róbert Oláh-Gál[1] and Zoltán Néda[2]
1 Sapientia, Hungarian University of Transylvania, Romania
2 Babeș-Bolyai University, Romania
45th Conference of the Middle European Cooperation in Statistical Physics
14-16 September, 2020. http://atom.ubbcluj.ro/meco45/

L. Alte realizări semnificative

Lucrări din istoria ştiinţei:

- **Oláh-Gál Róbert:** Bolyai Farkas és Gauss nőkről vallott nézetei, megjelent a kolozsvári Művelődés folyóirat 2025. szeptemberi (9.) számában, pp.9−12., ISSN 1221−8693.

- **Oláh-Gál Róbert:** Bolyai Farkas indulása, megjelent a kolozsvári Művelődés folyóirat 2025. februári számában, pp.4−6., ISSN 1221−8693.
- **Oláh-Gál Róbert:** Bolyai Farkas nyugdíjkérelméről, megjelent a kolozsvári Művelődés folyóirat 2025. februári számában, pp.28−29., ISSN 1221−8693
- **Oláh-Gál Róbert:** Székelyudvarhely szülöttjéről, Szabó János festőművészről**, Lustra, 2015. II. 2. pp.60-63. ISSN:2360-672X.**

- ***Oláh-Gál Róbert:*** *Mentovichék: Mindenáron Erdélybe!***, *Forrás,*** 2015., 47. évfolyam 10. szám, pp.100-106. ,Ungaria, HU ISSN 0133-056X.

- ***Oláh-Gál Róbert:*** *200 éve halt meg Herepei Ádám. A szív és az ész hangja, Élet és* tudomány, 2014. (69. évf.) 41. sz. 1302-1304. old.
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- **Oláh-Gál Róbert**: Bolyai János képzeletbeli számvetése életéről, hiteles feljegyzések alapján, Forrás, 2012., 44. évfolyam 1. szám, pp.50-66. Ungaria, HU ISSN 0133-056X.
- **Oláh-Gál Róbert:** Bolyai János, az enciklopédikus, megjelent a kolozsvári Művelődés folyóirat 2011. szeptemberi számában, pp.10-11., ISSN 1221-8693.
- **Oláh-Gál Róbert**: Művelődéstörténeti kuriózumok a Bolyai-hagyatékban,Népújság-Évkönyv, 2012., ISSN 1220-6083., pp.14-17.
- **Oláh-Gál Róbert:** Bolyai Farkas és Kemény Simon családja, Valóság, Ungaria, ISSN 0324-7228, 2011. Nr. 7. LIV., pp. 59-68.
- **Oláh-Gál Róbert:** Vajda Dániel és a Bolyaiak, megjelent a kolozsvári Művelődés folyóirat 2011. júniusi számában, pp.26-28., ISSN 1221-8693.
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- **Oláh-Gál Róbert:** Réthy Mórné, Finály Etelka, megjelent a kolozsvári Művelődés folyóirat 2011. februári számában, pp.22-24., ISSN 1221-8693.
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- **Oláh-Gál Róbert:** Bolyai János emlékei természetrajztanáráról, megjelent a Magiszter folyóiratban, 2010. nyár, pp. 88-96., ISSN 1583-6436. (http://www.rmpsz.ro/web/index.php/magisterlap)
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- **Oláh-Gál Róbert**: Bolyai János mint domáldi gazda, Forrás , 2010., 42. évfolyam 4. szám, pp.81-83. Ungaria, HU ISSN 0133-056X.
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- **Oláh-Gál Róbert**: Réthy Mór (1846-1925) Erdélyben a modern felsőfokú matematikai oktatás és kutatások elindítója., Természet Világa, HU ISSN 0040-3717., 2010. február. (141. évf. 2. sz.) pp.78-80.
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- **Oláh-Gál Róbert**: A Ferenc József Tudományegyetemen matematikából doktoráltak listája, Műszaki Szemle 2009., 46. szám (Historia Scientiarum Nr. 6), pp. 28-33.
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- **Oláh-Gál Róbert:** *Kiss Elemér, a tudós és az ember, A Csíkszeredai Márton Áron Gimnázium Évkönyve a 2006-2007. tanévről, Csíkszereda, 2007., pp.12-17.*
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- **Oláh-Gál Róbert:** *Geometriai Emlékművek,* Természet Világa, iulie 2003, Ungaria, HU ISSN 0040-3717., (134. évf.) 7. sz. 326-328. old.
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- **Oláh-Gál Róbert:** *Bolyai János ismeretlen munkája,* Természet Világa, Budapest 2002, mai, Ungaria.
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- **Oláh-Gál Róbert:** *Statisztikus számtan?* (Aritmetica statistică?) (Stiinţa şi Viaţă = Élet és Tudomány, 1993, ianuarie 22., Ungaria)
- **Oláh-Gál Róbert:** *A Bolyai családfa* (Genealogia familiei lui Bolyai) (Lumea Naturii = Természet Világa, 1993 ianuarie, Ungaria)
- **Oláh-Gál Róbert:** *Erdély "visszatérő planétái": a Bolyaiak.* (Planetele Transilvaniei, care se întorc: cei doi Bolyai) (Élet és Tudomány, 1990, decembrie, Ungaria)
- **Oláh-Gál Róbert:** *Matematika és gazdaságosság* (Matematică şi economisire) (Korunk **1989**, 8. sz., 603-605. p.)
- **Oláh-Gál Róbert:** *A kongruencia* (Congruenţă) (Revistă recunoscută CNSIS: Korunk **1984**, 5. sz., 384-385. p.)
- **Oláh-Gál Róbert:** *A számok tökélye* (Perfecţiunea numerelor) (Korunk **1988**, 4. sz., 291-292. p)

- **OLÁH-GÁL Róbert**: *Fraktálok*, Korunk**, 1988**, 8. sz., 607-609. p.,
- **OLÁH-GÁL Róbert**: *A gondolkodás egyetemessége*, Korunk**, 1988**, 11. sz., 858-859.p.
- **Oláh-Gál Róbert: Száműzhető-e a démon?**, Korunk**, 1989**, 5. sz., 372-375. p*?* (Despre teorem principala a doua a termodinamicii, Demonul lui Maxwel) A Maxwel démon a termodinamika II. főtételéről) (Korunk **1989**, 5. sz., 372-375. p.)
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- Erdőszentgyörgy nevezetes emberei (Prof. Dr. Némethi András), Népújság, 2018/12/06. Színes Világ, p.1

Data 21/01/2026.

Lista de lucrări

Numele şi prenumele Salamon Júlia

A. Teza de doctorat

Titlu: Contribuţii la teoria echilibrului vectorial parametric
(Contributions to the theory of parametric vector equilibrium)
Anul susţinerii: 2009
Conducătorul ştiinţific: prof. dr. Kolumbán Iosif

B. Cărti publicate

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

1) **Salamon Júlia**, Makó Zoltán, Döntéselmélet közgazdászoknak (Teoria deciziilor pentru economiști), Editura Scientia, Cluj Napoca, 2020, ISBN 9789731970455, 237 pg.
2) Bulboacă Teodor, **Salamon Júlia**, *Komplex analízis II. Feladatok és megoldások*, (Analiză complexă II. Probleme și soluții) Editura Ábel, Cluj Napoca, 2012, ISBN 978-973-114-162-6 (ediţia a treia) 288 pg.
3) **Salamon Júlia**, *Parametric vector equilibrium problems*, Editura Scientia, Cluj Napoca, 2011, ISBN 9789731970462, 152 pg.
4) Makó Zoltán, **Salamon Júlia**, *Operációkutatás példatár közgazdászoknak*, Editura Scientia, Cluj Napoca, 2011, ISBN 9789731970455, 222 pg.
5) Bulboacă Teodor, **Salamon Júlia**, *Komplex analízis II. Feladatok és megoldások*, Editura Ábel, Cluj Napoca, 2007, ISBN 9789731140483 (ediţia a doua) 308 pg.
6) Bulboacă Teodor, **Salamon Júlia**, Nagy Enikő, Gheorghe Oros, Georgia Irina Oros, *Probleme de analiză complexă I*, Editura Universităţii din Oradea, Oradea, 2007, ISBN 9789737592590, 187 pg.
7) András Szilárd, Baricz Árpád, Csapó Hajnalka, Demeter Albert, Lukács Andor, Petru Petra, **Salamon Júlia**, Szilágyi Jutka, Szilágy Zsolt, Zsombori Gabriella, *Megoldások a IX. osztályos tankönyv feladataihoz*, Editura Státus, Miercurea Ciuc, 2003, ISBN 9738311381, 375 pg.
8) Bulboacă Teodor, **Salamon Júlia**, *Komplex analízis II. Feladatok és megoldások*, Editura Ábel, Cluj Napoca, 2002, ISBN 9738239656 (prima ediţie) 308 pg.

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1) Makó Zoltán, **Salamon Júlia**, Correlated equilibrium of games in fuzzy environment, *Fuzzy Sets and Systems*, nr. 398, 2020, pp. 112-127 ISSN: 0165-0114

2) **Salamon Júlia,** On operator equilibrium problems, *Math. Commun.*, nr. 19, 2014, pp. 581-587 ISSN: 1331-0623

3) **Salamon Júlia,** Sensitivity analysis of the solution map of parametric operator equilibrium problems, *Publ. Math. Debrecen*, nr. 83, 2013, pp. 625-642 ISSN: 0033 – 3883

4) **Salamon Júlia,** Closedness of the solution map for parametric vector equilibrium problems with trifunctions, *Mathematical Reports*, nr. 13, 2011, pp. 317-328 ISSN: 1582-3067

5) **Salamon Júlia,** Closedness and Hadamard well-posedness of the solution map for parametric vector equilibrium problems, *Journal of Global Optimization*, nr. 47, 2010, pp 173-183 ISSN 0925-5001

6) **Salamon Júlia**, Bogdan Marcel, Closedness of the solution map for parametric weak vector equilibrium problems, *Journal of Mathematical Analysis and Applications* nr. 364, 2010, pp. 483-491 ISSN 0022-247X

7) Makó Zoltán, Szenkovits Ferenc, **Salamon Júlia**, Oláh-Gál Róbert, Stable and unstable orbits around Mercury, *Celestial Mechanics and Dynamical Astronomy*, nr. 108, 2010, pp. 357-370 ISSN 0923-2958

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale

1) Makó Zoltán, **Salamon Júlia,** Korrelált egyensúly a fuzzy játékokban (Echilibru corelat în jocurile fuzzy), *Alkalmazott Matematikai Lapok*, nr. 40, 2023, pp, 113-123 (MathSciNet, Zentralblatt) ISSN 0133-3399

2) Makó Zoltán, **Salamon Júlia**, Weak stability transition region near the orbit of the Moon, *Multi-scale (time and mass) dynamics of space objects IAU Symposium* nr. 364, eds. A. Celleti, C. Beauge, C. Gales, A. Lemaitre, 2022, Cambridge University Press, pp. 184-190 (Scopus, ProQuest) ISSN 1743-9221

3) Makó Zoltán, **Salamon Júlia**, Correlated equilibrium in bimatrix games with fuzzy payoffs, *Procedia Computer Science*, nr. 102, 2016, pp 217. (Scopus) ISSN 1877-0509

4) **Salamon Júlia,** Some regularities for parametric operator equilibrium problems, *Automation, Computers, Applied Mathematics*, nr. 19, 2010, pp. 171-178. ISSN 1221-437X

5) **Salamon Júlia,** Closedness of the solution map for parametric vector equilibrium problems, *Studia Univ. "Babes–Bolyai", Mathematica*, vol. LIV, nr. 3, 2009, pp. 137-147, ISSN 0252-1938

6) **Salamon Júlia,** Closedness of the solution mapping to parametric vector equilibrium problems, *Acta Univ. Sapientiae, Mathematica*, nr. 1, 2009, pp. 193-200 (Zentralblatt, Zbl 1177.49044; MathSciNet, MR2521189) ISSN 1844-6094

7) **Salamon Júlia,** Some regularities for parametric vector equilibrium problems, *Automation, Computers, Applied Mathematics*, nr. 17, 2008, pp. 557-564. (MathSciNet, MR2541567) ISSN 1221-437X

8) **Salamon Júlia**, Sensitivity analysis of the energy functional, *Creative Mathematics and Informatics*, nr. 17, 2008, pp. 85-92. (MathSciNet MR2487847; Zentralblatt, Zbl pre05624005) ISSN 1584 - 286X

9) **Salamon Júlia**, *Sensitivity analysis of the energy functional defined on Sobolev space*, 7th International Conference on Applied Informatics Eger, Hungary, B.V.B. Nyomda és Kiadó Kft., vol. 2, 2007, pp. 109-117. (Zentralblatt, Zbl 1179.65018)

10) Makó Zoltán, **Salamon Júlia**, *Banded approximation with diffusion-neural-network*, 7th International Conference on Applied Informatics Eger, Hungary, B.V.B. Nyomda és Kiadó Kft., vol 2, 2007, pp. 93-101. (Zentralblatt, Zbl 1178.68442)

11) Oláh-Gál Róbert, **Salamon Júlia**, The „Teaching Mathematics and Computer Science" journal logo's mathematical background, *Teaching Mathematics and Computer Sience*, Vol.I, nr. 3/1, 2005, pp. 55-65, (Zentralblatt MathDI, ME 2005f.03034). ISSN 1589-7389

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1) **Salamon Júlia,** Geodetikusok a Bolyai–Lobacsevszkij-geometriában (Geodezice în geometria Bolyai-Lobacsevsky), *Firka*, nr. 32/1, 2023, pp. 12-18, ISSN 1224-371X

2) **Salamon Júlia,** Matekkör, a csodabogarak gyülekező helye, (Clubul de matematică), VII. Olimpiadă Națională de Matematică pentru Școlile/Secțiile cu Predare în Limba Maghiară, 24-28 februarie 2025, etapa națională, în imprimarea "A rozettán innen és túl" (De aici și dincolo de rozetă)

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1) **Salamon Júlia**, Makó Zoltán, Searching for correlated equilibriums in interval valued games, 17th Annual International Conference on, Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2025, pp. 377-387. ISBN: 978-973-53-3346-8

2) Makó Zoltán, **Salamon Júlia**, Intuitionistic fuzzy certainty equivalence in prospect theory, 17th Annual International Conference on, Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2025, pp. 368-376. ISBN: 978-973-53-3346-8

3) Makó Zoltán, **Salamon Júlia**, *Correlated equilibriums of games with possibility preference*, 14th Annual International Conference on Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2018, pp. 201-212. ISBN: 978-973-53-2249-6

4) **Salamon Júlia**, Oláh-Gál Róbert, *A computer graphic model for hyperbolic plane*, 5th International Conference "Non-Euclidean Geometry in Modern Physics", Minsk, Belarus, October 10-13, 2006, pp. 212-220.

5) Oláh-Gál Róbert, **Salamon Júlia**, *Geodesics on the pseudosphere*, 4th International Conference "Non-Euclidean Geometry in Modern Physics and Mathematics", Nizhny Novgorod, September 7-11, Nizhny Novgorod-Kiev, 2004, pp. 186-193.

6) **Salamon Júlia**, *Conformal application with computer graphics in simply connected regions*, 6th International Conference on Applied Informatics Eger Hungary, Volume I, B.V.B. Nyomda és Kiadó Kft., Eger, 2004, pp. 417-424. (Zbl 1074.68507)

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1) SimplexV4 common free Tool development and Day, Visegrad+ Grants, 2019-2020 membru
2) Analysis of Consumer Demand: Likelihood-Based Estimation and Applications, Ministerul Educației Naționale, CNCS UEFISCDI, 2013-2016, membru
3) Bursă pentru tineri cadre didactice, Ministerul Resurselor Umane al Ungariei şi Institutul Balassi, 2015-2016.
4) Studierea problemelor de echilibru vectorial, Inst. Programelor de Cercetare Sapientia, 2011-2013, director.
5) Bursă pentru tineri cadre didactice, Ministerul Resurselor Umane al Ungariei şi Institutul Balassi, 2012-2013.
6) Probleme de echilibru parametrice cu operatori, Eurotrans, novembrie 2009.
7) Structura haotică a capturii gravitaţionale slabă, Inst. Programelor de Cercetare Sapientia, 2008-2009, membru.
8) Culegere de probleme din cercetare operaţională şi din teoria deciziilor, Asociaţia Bölöni Farkas Sándor, 2008-2009.
9) Metode de optimizare în geometria continuă, aplicaţii în fizică şi chimie, Inst. Programelor de Cercetare Sapientia, 2006-2008, membru.
10) Probleme de echilibru parametrice, Eurotrans, mai, iunie, novembrie 2008.
11) Inegalităţi variaţionale, Domus Hungarica Scientiarium et Artium, mai 2007.
12) Studiul unor probleme eliptice cu ajutorul teoriei punctelor critice, CNCSIS, 2006, 2007, membru.
13) Geometrie diferenţială asistată de algebră şi grafică computaţională, Inst. Programelor de Cercetare Sapientia, 2004-2005, membru.
14) Vizualizarea obiectelor matematice prin grafică computaţională, Inst. Programelor de Cercetare Sapientia, 2002-2004, membru.

J. Citări

1) Makó Zoltán, Szenkovits Ferenc, **Salamon Júlia**, Oláh-Gál Róbert, Stable and unstable orbits around Mercury, *Celestial Mechanics and Dynamical Astronomy*, nr. 108, 2010, pp. 357-370

    1.1 Mestre M.F., Cincotta P.M., Giordano C.M., Analytical relation between two chaos indicators: FLI and MEGNO, *Monthly Notices of the Royal Astronomical Society Letters*, nr. 414, 2011, 100-103 (ISI)

    1.2 Hadjidemetriou J.D., Voyatiz G., The 1/1 resonance in extrasolar systems: Migration for planetary to satellite orbits. *Celestial Mechanics and Dynamical Astronomy*, 111, 2011, 179-199 (ISI)

1.3 Sousa Silva P., Terra M., Applicability and dynamical characterization of the associated sets of the algorithmic weak stability boundary in the lunar sphere of influence, *Celestial Mechanics and Dynamical Astronomy*, 113, 2012, 141-168 (ISI)

1.4 Sousa Silva P., Terra M., Diversity and validity of stable-unstable transitions in the algorithmic weak stability boundary, *Celestial Mechanics and Dynamical Astronomy*, 113, 2012, 453-478 (ISI)

1.5 Vetrisano M., Van der Weg W., Vasile M., Navigating to the Moon along low-energy transfers, *Celestial Mechanics and Dynamical Astronomy*, 114, 2012, 25-53 (ISI)

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1.8 Willem Johan van der Weg, Massimiliano Vasile, Contingency and Recovery Options for the European Student Moon, *Acta Astronautica*, 94, 2014, 168-183 (ISI)

1.9 Luo Z.-F., Topputo F., Bernelli-Zazzera F., Tang G.-J., Constructing ballistic capture orbits in the real Solar System model, *Celestial Mechanics and Dynamical Astronomy*, 120, 2014, 433-450 (ISI)

1.10 Jian Li, Yi-Sui Sun, A survey of weak stability boundaries in the Sun-Mars system, *Research in Astronomy and Astrophysics*, 15, 2015, 376–392 (ISI)

1.11 Topputo F., Belbruno E., Earth–Mars transfers with ballistic capture, *Celestial Mechanics and Dynamical Astronomy*, 121, 2015, 329-346 (ISI)

1.12 Luo Z.F., Topputo F., Analysis of Ballistic Capture in Sun–Planet Models, *Advances in Space Research* 56, 2015, 1030-1041 (ISI)

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1.22 DA Dei Tos, RP Russell, F Topputo, Survey of Mars Ballistic Capture Trajectories Using Periodic Orbits as Generating Mechanisms, *Journal of Guidance, Control, and Dynamics*, 41(6), 2018, pp. 1227-1242 (ISI)

1.23 Luo Z.F., Zhang Y.D., Capacity of ballistic capture/escape in Earth-Moon and Pluto-Charon models, *Forth IAA Conference on Dynamics and Control of Space Systems* 2018, PTS I-III 165 , pp.1171-1186 (ISI prodeedings)

1.24 Diogene Alessandro Dei Tos, Trajectory optimization of limited control authority spacecraft in high-fidelity models 2018, Thesis, DOI: 10.13140/RG.2.2.15099.00804

1.25 Kenta Oshima, Eccentric excursions from periodic orbits in the elliptic restricted three-body problem, AAS 20-446, 2020, Conference Paper

1.26 Li Xiangyu, Qiao Dong, Cheng Yu, Progress of three-body orbital dynamics study, *Chinese Journal of Theoretical and Applied Mechanics*, 2021, 53(5): 1223-1245. doi: 10.6052/0459-1879-20-367 (DB Scopus)

1.27 Matteo Manzi, Francesco Topputo, A flow-informed strategy for ballistic capture orbit generation, *Celestial Mechanics and Dynamical Astronomy*, 133 (2021) 54. (ISI)

2) **Salamon Júlia**, Bogdan Marcel, Closedness of the solution map for parametric weak vector equilibrium problems, *Journal of Mathematical Analysis and Applications* nr. 364, 2010, pp. 483-491

2.1 Song QQ, Wang LS, The existence of solutions for the system of vector quasi-equilibrium problems in topological order spaces, *Computers & Mathematics with Applications*, 62, 2011, 1979-1983 (ISI)

2.2 Song QQ, The existence and stability of solutions for vector quasiequilibrium problems in topological order spaces, *Journal of Applied Mathematics*, 2013, ArticleID 218402, 6 pages (ISI)

2.3 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, *Vector Equilibrium Problems*, in Vector Variational Inequalities and Vector Optimization, Springer, Cham, (2018) pp 339-427 ISBN 978-3-319-63048-9 (Springer Book Series, BD)

3) **Salamon Júlia,** Closedness and Hadamard well-posedness of the solution map for parametric vector equilibrium problems, *Journal of Global Optimization*, nr. 47, 2010, pp 173-183

3.1 Capătă A., Optimality conditions for extended Ky Fan inequality with cone and affine constraints and their applications, *Journal of Optimization Theory and Applications*, 152, 2012, 661-674 (ISI)

3.2 Bogdan M., Applications of parametric abstract equilibrium problems in economics, *Procedia Economics and Finance*, 3, 2012, 99 – 104 (ISI proceedings)

3.3 Chen J.W., Wan Z, Cho Y.J., The existence of solutions and well-posedness for bilevel mixed equilibrium problems in Banach spaces, *Taiwanese Journal of Mathematics*, 17, 2013, 725-748 (ISI)

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3.8 Li X.B., Agarwal R., Cho Y.J., Huang N.J., The well-posedness for a system of generalized quasi-variational inclusion problems, *Journal of Inequalities and Applications* 2014, 2014:321 (ISI)

3.9 Zhang W.B., Huang N.J., O'Regan D., Generalized well-posedness for symmetric vector quasi-equilibrium problems, *Journal of Applied Mathematics,* 2015 Article ID 108357 (ISI)

3.10 A. Hashoosh, M. Alimohammady, On well-posedness of generalized equilibrium problems involving\ alpha-monotone bifunction, *Journal of Hyperstructures*, 5(2) (2016), (BD Mathscinet, DOAJ, Zentralblatt)

3.11 D. Xicai, X. Shuwen, Bounded rationality and well posedness of set valued vector quasi-variational inequalities (in Chinese), J. Sys. Sci. & Math. Scis. 36(10) (2016), 1730-1742 (BD)

3.12 A. Hashoosh, M. Alimohammady, A. Almusawi, Well-posedness Techniques in the Qualitative Analysis for a class of Equilibrium problems, *Journal of Zankoy Sulaimani*, 19 (1) (2017) 211-220 DOI: 10.17656/jzs.10598

3.13 M. Darabi, J. Zafarani, Hadamard well-posedness for vector parametric equilibrium problems, *J. Nonlinear Var. Anal*. 1 (2017), No. 2, pp. 281-295 (ISI)

3.14 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, Vector Equilibrium Problems, in Vector Variational Inequalities and Vector Optimization, Springer, Cham, (2018) pp 339-427 ISBN 9783319-63048-9 (Springer Book Series, BD)

3.15 A. Hashoosh, H. Aal-Rkhais, E. A. Huzam, Well-posedness for class of hemi-equilibrium problems with perturbations in Banach Spaces, *Journal of Advanced Research in Dynamical and Control Systems* 10(11)(2018) 478-487 (BD)

3.16 Jaber. A.M., Abed B.N., New results of well-posedness for hemi-equilibrium problems, *V. International Scientific Congress of Pure, Applied and Technological Sciences*, Rimar Academy Publishing House, pp. 98-117, 2022, DOI:10.47832/MinarCongress5-10

4) Makó Zoltán, **Salamon Júlia**, *Banded approximation with diffusion-neural-network*, 7th International Conference on Applied Informatics Eger, Hungary, B.V.B. Nyomda és Kiadó Kft., vol 2, 2007, pp. 93-101. (Zentralblatt, Zbl 1178.68442)

4.1 Jude Ezeobiejesi, Bir Bhanu, Latent Fingerprint Image Segmentation Using Deep Neural Network, In book: Deep Learning for Biometrics, Editors: Bhanu Bir, Kumar Ajay (2017) pp. 83-107, Ed. Springer, DOI: 10.1007/978-3-319-61657-5_4

4.2 Chongfu Huang, Statistical Significance of Typhoon Risk and Calculation of the Risk per Year, 7th Annual Meeting of Risk Analysis Council of China Association

for Disaster Prevention (RAC-2016), 2016, DOI: 10.2991/rac-16.2016.1 (proceedings)

4.3 Chongfu Huang, Two judging criteria to check validity of a model for filling gaps caused by incomplete geospatial data, Environmental Research, 186(1):109401 (2020) DOI: 10.1016/j.envres.2020.109401 (ISI)

5) **Salamon Júlia,** On operator equilibrium problems, *Math. Commun.*, nr. 19, 2014, pp. 581-587 ISSN: 1331-0623

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5.2 Tirth Ram, Anu Kumari Khanna, Ravdeep Kour, Setvalued Mixed Quasi-Equilibrium Problems with Operator Solutions, *Nonlinear Functional Analysis and Applications*, nr. 27, 2022, pp. 83-97 (BD MathSciNet, Zentralblatt MATH and Scopus)

6) **Salamon Júlia,** Closedness of the solution map for parametric vector equilibrium problems, *Studia Univ. "Babes–Bolyai", Mathematica*, vol. LIV, nr. 3, 2009, pp. 137-147 (MathSciNet, MR2563553) ISSN 0252-1938

6.1 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, *Vector Equilibrium Problems*, in Vector Variational Inequalities and Vector Optimization, Springer, Cham, (2018) pp 339-427 ISBN 978-3-319-63048-9 (Springer Book Series, BD)

7) **Salamon Júlia,** Closedness of the solution mapping to parametric vector equilibrium problems, *Acta Univ. Sapientiae, Mathematica*, nr. 1, 2009, pp. 193-200 (Zentralblatt, Zbl 1177.49044; MathSciNet, MR2521189) ISSN 1844-6094

7.1 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, *Vector Equilibrium Problems*, in Vector Variational Inequalities and Vector Optimization, Springer, Cham, (2018) pp 339-427 ISBN 978-3-319-63048-9 (Springer Book Series, BD)

8) Makó Zoltán, **Salamon Júlia**, Correlated equilibrium of games in fuzzy environment, *Fuzzy Sets and Systems*, nr. 398, 2020, pp. 112-127 ISSN: 0165-0114

8.1 Hitoshi Yano, Ichiro Nishizaki, Interactive Decision Making for Multiobjective Bimatrix Games with Fuzzy Payoffs Based on Possibility Measure, 19th World Congress of the International Fuzzy Systems Association (IFSA), 12th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT), and 11th International Summer School on Aggregation Operators (AGOP) *Atlantis Studies in Uncertainty Modelling*, 2021, DOI: 10.2991/asum.k.210827.044 (BD)

8.2 Hitoshi Yano, Fuzzy Random Bimatrix Games Based on Possibility and Necessity Measures, *Journal of Advanced Computational Intelligence and Intelligent Informatics*, nr. 25(6), 2021, pp. 1024-1030 (ISI, Scopus)

8.3 Hitoshi Yano, Multiobjective Fuzzy Random Bimatrix Games and An Equilibrium Solution Concept, Proceedings of the International MultiConference of Engineers and Computer Scientists 2021 IMECS 2021, October 20-22, 2021, Hong Kong, *Lecture Notes in Engineering and Computer Science* (DB)

8.4 Hitoshi Yano, Ichiro Nishizaki, Multiobjective Bimatrix Game with Fuzzy Payoffs and Its Solution Method using Necessity Measure and Weighted Tchebycheff Norm, *Proceedings of the 13th International Joint Conference on Computational Intelligence* (IJCCI 2021),2021, pp. 159-166, DOI: 10.5220/0010630700003063

8.5 Hitoshi Yano, Ichiro Nishizaki, Bimatrix Games with Fuzzy Payoffs and an Equilibrium Solution Concept Based on Possibility Measure, *Proceedings of 37th Fuzzy System Symposium*, nr. 37, J-STAGE

8.6 Hitoshi Yano, Interactive Decision Making for Multiobjective Fuzzy Random Bimatrix Games, *IAENG International Journal of Applied Mathematics,* nr. 52(2) 2022 IJAM_52_2_11, 7 pg. (DB Scopus, MathSciNet, Zentralblatt MATH)

8.7 Hitoshi Yano, Ichiro Nishizaki, Bimatrix Games with Fuzzy Payoffs and an Equilibrium Solution Concept Based on Possibility Measure, *Journal of Japan Society for Fuzzy Theory and Intelligent Informatics* nr. 34(4) 2022 pg. 723-727

8.8 Hitoshi Yano, Multiobjective Fuzzy Random Bimatrix Games Based on Possibility/Necessity Measure, *International Journal of Japan Association for Management Systems,* 14(1) 2022, pp. 87-98 J-STAGE

8.9 Jiu-ying Dong, Shu-ping Wan, Type-2 interval-valued intuitionstic fuzzy matrix game and application to energy vehicle industry development, *Expert Systems with Applications*, 2024 (ISI)

8.10 Chen Yang , Yingqi Zhao , Boyuan Xue , Shaojie Wang , Haijia Su, PYF: a multi-functional algorithm for predicting production and optimizing metabolic engineering strategy in Escherichia coli microbial consortia *Briefings in Bioinformatics* 26(3), 2025, bbaf295 (ISI)

8.11 Yang, J., Wang, H., & Lai, L. (2025). A comprehensive entropy measure of probabilistic hesitant fuzzy information and its application in game decision making. *Journal of the Operational Research Society*, 1–18. https://doi.org/10.1080/01605682.2025.2540486 (ISI)

K. Participări la conferinţe naţionale şi internaţionale

1) Salamon Júlia, Searching for correlated equilibriums in interval valued games, 17th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 21-23, 2025.
2) Salamon Júlia, Korrelált egyensúlyok intervallumos játékokban, 15. Matematika és Informatika Alkalmazásokkal Konferencia, Miercurea Ciuc, 15-17 noiembrie 2024.
3) Salamon Júlia, Strong correlated equilibriums in interval valued games, 16th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 10-12, 2023.
4) Salamon Júlia, Correlated equilibrium notions of interval valued bimatrix games, 8th International Conference on Mathematics and Informatics, Târgu-Mureş, 9-10 septembrie 2021.
5) Salamon Júlia, Strong correlated equilibriums, 15th Annual International Conference on Economics and Business, Miercurea Ciuc, martie 3-5, 2021.
6) Salamon Júlia, Strong equilibriums of interval valued bimatrix games, The 14th International Conference on Game Theory and Management, St. Petersburg, Rusia, 5-9 octombrie, 2020.
7) Salamon Júlia, Determination of correlated equilibria using SimplexV4, 17th International conference on Efficiency and Responsibility in Education, Prague, Czech Republic, 4-5 iunie 2020.

8) Salamon Júlia, Correlated equilibriums of the games in fuzzy environment, 7th International Conference on Mathematics and Informatics, Târgu-Mureş 2-4 septembrie 2019.
9) Salamon Júlia, Correlated equilibrium of interval-valued games, 14th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 10-12, 2018.
10) Salamon Júlia, Correlated equilibrium of interval-valued matrix games, 6th International Conference on Mathematics and Informatics, Târgu-Mureş 7-9 septembrie 2017.
11) Salamon Júlia, On correlated equilibrium problem, 13th Annual International Conference on Economics and Business, Miercurea Ciuc, October 20-22, 2016.
12) Salamon Júlia, Existence and stability of solutions for strong operator equilibrium problem, International Conference Natura Econ 4: Environmental Dynamics under the Impact of Economic Trends, Sfântu Gheorghe, 7 martie 2014.
13) Salamon Júlia, On operator equilibrium problems, 8th Conference on Applied Mathematics and Scientific Computing, Šibenik, Croația, 10-14 iunie, 2013.
14) Salamon Júlia, Operátor egyensúlyi feladatok, Conferinţa Matinfo, Târgu-Mureş, 25-26 mai 2013.
15) Salamon Júlia, Erős operátor egyensúlyi feladatok, A magyar tudomány napja Erdélyben: 3. Matematika és informatika alkalmazásokkal konferencia, Cluj Napoca, 9-11 nov. 2012
16) Salamon Júlia, Closedness of the solutin map for parametric operator equilibrium problems, 9th Joint Conference on Mathematics and Computer Science, Siófok, February 9-12, 2012.
17) Salamon Júlia, Some regularities for parametric operator equilibrium problems, The 13th International Conference on Applied Mathematics and Computer Science, Cluj-Napoca, August 26-28, 2010.
18) Salamon Júlia, Closedness of the solution map for parametric operator equilibrium problems, "Alexandru Myller" Mathematical Seminar Centennial Conference, Iaşi June 21-26, 2010.
19) Salamon Júlia, Paraméteres vektor egyensúlyi feladatok, Conferinţa Matinfo, Târgu-Mureş, 8 iunie 2009.
20) Salamon Júlia, Some regularities for parametric vector equilibrium problems, The 12th International Conference on Applied Mathematics and Computer Science, Baișoara, September 10-13, 2008.
21) Salamon Júlia, Closedness of the solution map for parametric vector equilibrium problems, 7th Joint Conference on Mathematics and Computer Science, Cluj Napoca, July 3-6, 2008.
22) Salamon Júlia, Sobolev tereken értelmezett energia funkcionálok érzékenység vizsgálata, Miniconferinta de matematică şi informatică, Târgu-Mureş, 18 iunie 2007
23) Salamon Júlia, Sensitivity analysis of the energy functional on Sobolev space, 7th International Conference on Applied Informatics Eger, Hungary, January 28 - 31, 2007
24) Salamon Júlia, A debreceni „Teaching Mathematics and Computer Science” c. folyóirat emblémájáról, Vályi Gyula Emlékkonferencia, Cluj Napoca, 12-13 nov. 2004
25) Salamon Júlia, Conformal application with computer graphics in simply connected regions, 6th International Conference on Applied Informatics Eger, Hungary, January 27 - 31, 2004.

L. Alte realizări semnificative

Referent la urmatoarele reviste de specialitate:

1) Applied Mathematics Letters (IF)
2) Iranian Journal of Fuzzy Systems (IF)
3) Acta Univ. Sapientiae, Mathematica (IF)
4) Fuzzy Sets and Systems (IF)

Organizarea unor conferinţe și concursuri:

1) Membru în comisia centrală a Olimpiadei de Matematică pentru Gimnaziile Maghiare din Europa desfășurată la Liceul Teoretic Bolyai Farkas din Târgu Mureș, în perioada 01-04 mai 2025.

2) Membru în colectivul de organizare al conferinței "15. Matematika és Informatika Alkalmazásokkal Konferencia, " (15-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, 15-17 noiembrie 2024.

3) Membru în colectivul de organizare a concursului „Saπ tehetségnap", Miercurea Ciuc, 15 ianuarie 2011, 21 ianuarie 2012, 19 ianuarie 2013, 18 ianuarie 2014, 30 ianuarie 2016, 14 ianuarie 2017 respectiv 19 ianuarie 2019.
4) Membru în colectivul de organizare al conferinței "VI Matematika és Informatika Alkalmazásokkal Konferencia" (VI-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, 13-15 noiembrie 2015.
5) Membru în colectivul de organizare al conferinţei "EME 150 éves", Miercurea Ciuc, 6-7 noiembrie 2009.

6) Membru în colectivul de organizare al conferinţei omagiale Bolyai Farkas, Miercurea Ciuc, 25-26 noiembrie 2006.

7) Membru în colectivul de organizare al conferinţei internaţională: Probleme actuale în mecanică cerească si astronomie dinamică" ("Actual Problems in Celestial Mechanics and Dynamical Astronomy"), Cluj-Napoca, 25-27 mai 2006;

8) Membru în colectivul de organizare a Simpozionului stiinţific cu participare internaţională: Haos în sisteme dinamice, Universitatea Sapientia, Miercurea-Ciuc, 3–5 martie 2005;

Data 02.09.2025

Lista de lucrări

Numele şi prenumele: FARKAS Aliz

A. Teza de doctorat

William Faulkner, *The Sound and the Fury*: Textual Representation of Human Behavior in Benjy's Section

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate

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

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

Farkas Aliz. 2023. ***English Tenses: Exercises for Learners of English as a Second Language***. T3 Sfântu Gheorghe, ISBN 078-606-95430-8-5, 56 p.

B5. Capitole de cărţi publicate în străinătate

B6. Capitole de cărţi publicate în ţară

- Aliz Farkas, Enikő Pál, Ingrid Tomonicska: **Traduceri românești de romane din literatura maghiară**. In: ***O istorie a traducerilor în limba română, volumul II***. (ed. Muguraș Constantinescu, Daniel Dejica, Titela Vîlceanu), Editura Academiei Române, București, 2022: pp. 422-429. ISBN 978-973-27-3685-2.

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

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

- **Organized Chaos: Cohesive devices in Benjy's Section of William Faulkner's The Sound and the Fury** în Philologica - Acta Universitatis Sapientiae Vol. 8, No. 2, 2016. pp. 167-176. Scientia Publishing House, ISSN 2067-5151. CEEOL, DOAJ, NJD.
- **Critical Reception of William Faulkner's The Sound and the Fury in America and in Romania** în Philologica - Acta Universitatis Sapientiae Vol. 9, No. 3, 2017. pp. 15-27. Scientia Publishing House, ISSN 2067-5151. CEEOL, DOAJ, NJD.
- **The Critical Reception of William Faulkner's *The Sound and the Fury* across Time**

  Bulletin of the Transilvania University of Braşov Series IV: Philology and Cultural Studies • Vol. 10 (59) No. 2, 2017. pp. 53-66. CEEOL

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior)

- **Az orvoslás pszichológia és morális vonatkozásai Anton Csehov novelláiban.** In: Filológiai Közlöny (2023) Bényei Tamás et al. (eds.) Budapest: Gondolat Kiadó. pp. 22-36. ISSN 0015-1785.

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

- **Methods of Characterization in Benjy's Part of William Faulkner's *The Sound and the Fury*** în *Language Sustainability in a Changing World* (2020) Buranda, Marinela, Oana Tatu, Raluca Sinu (eds.). Cambridge: Cambridge Scholars Publishing. pp. 129-42. ISBN(10): 1-5275-5863-0. ISBN(13): 978-1-5275-5863-2.
- **Linguistic Manifestations of an Altered State of Mind: The Psychological Implications of Function Words** în Intercultural Occurrences. Diversity and Alterity (2020) Péter Gaál-Szabó, Andrea Csillag, Ottilia Veres, Szilárd Kmeczkó (eds.) Debrecen: Debrecen Reformed Theological University; Nagyvárad: Partium Kiadó. pp. 215 -26. ISSN 2631-1674 ISBN 978-615-5853-31-9.
- **The Fool Archetype in William Faulkner's The Sound and the Fury** în *Florilegium in Honorem Ludovivi Balázs Octogenarii Contextum*. 21 századi kihívások a humántudományokban. (2020) Ajtony Zsuzsanna, Tapodi Zsuzsa, Tomonicska Ingrid (eds.) Miercurea Ciuc: Editura Status. Cluj-Napoca: Societatea Muzeului Ardelean. pp. 215-29.
- **Narrative Properties of Dreams în** *Memory, Trauma, and the Construction of the Self* (2021) Péter Gaál-Szabó, Szilárd Kmeczkó, Andrea Csillag, Ottilia Veres, (eds.) Debrecen: Debrecen Reformed Theological University; Nagyvárad: Partium Kiadó. pp. 83 -95. ISSN 2631-1674 ISBN 978-615-5853-45-6.
- **Freudi álomelmélet Szerb Antal *Utas és holdvilág* című regényében** în *Zsuzsa könyve. Tanulmányok Tapodi Zsuzsa születésnapjára* (2021) Lajos Katalin, Pieldner Judit (eds.) Kolozsvár: Erdélyi Múzeum-Egyesület. pp. 91-99. ISBN 978-606-739-196-1.

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

- Traducere literară: **Raja Rao: *Tehén a barikádon*** [Vacă pe baricade] (nuvelă) – apărută în volumul *Huszadik századi indiai novellák*, Editura Noran, Budapesta, 2008, pp. 76-82. ISBN 978 963 9716 85 8
- Traducere literară: **R.K. Narayan: *Egy ló és két kecske*** [Un cal și două capre] (nuvelă) – apărută în volumul *Huszadik századi indiai novellák*,Editura Noran, Budapesta, 2008, pp. 188-208. ISBN 978 963 9716 85 8

E. Editare, coordonare de volume

F. Invenţii

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

H. Creaţia artistică

I. Premii, distincţii

J. Citări

- **Bârleanu, Călin-Horia (2019). *Strigătul lui Benjy. Contribuții asupra tipologiei idiotului în literatură***. Editura Universității Alexandru Ioan Cuza Iași. p. 61-62, 65, 74.
- **Asci, Yasemin (2019). Tragedy and Tragic Characters in William Faulkner's Novel The Sound and the Fury.** Journal of International Social Research 12 (66), October 2019.
- **Orvi Banja Uru, Anselmus Sudirman and Andhi Dwi Nugroho (2021). Exploring Cohesions in EFL Academic Writing: A State of the Art on the Study of Cohesions.** Elsya : Journal of English Language Studies Vol. 3, No. 2, June 2021, pp. 141-149 Available online at: http://ojs.journal.unilak.ac.id/index.php/elsya

K. Participări la conferinţe naţionale şi internaţionale

- **Using the Internet for language teaching purposes**

  15th Annual Conference IATEFL – Hungary, 7 – 9 octombrie2005, Budapesta

- **Parametric similarities and differences between English and Romanian: the case of restrictive relative clauses**

  Conferinţa *Constructions of Identity* organizată de Universitatea Babeş – Bolyai, 6 – 8 aprilie 2006, Cluj Napoca

- **Second language acquisition research within the Principles and Parameters framework – some problems**

  Conferinţa RODOSZ, 7 – 8 aprilie 2006, Cluj Napoca

- **Organized Chaos: Cohesive Devices in Benjy's Section of William Faulkner's *The Sound and the Fury***

  Discourse, Culture, and Representation II – International Conference, 15 – 16 aprilie 2016, Sapientia University, Miercurea-Ciuc

- **Textual Representation of Foreigners in Jason's Discourse of William Faulkner's *The Sound and the Fury***

  Conferința *Idegen – Străinul – Stranger*, 21 – 22 aprilie, 2017, Miercurea Ciuc

- **The Critical Reception of William Faulkner's *The Sound and the Fury* across Time**

  Amnesia and Anamnesis. Contemporary Strategies of Literary and Cultural Histories,

  21 septembrie 2017, Universitatea Transilvania, Brașov

- **Methods of Characterization in Benjy's Part of William Faulkner's *The Sound and the Fury***

  16th Conference on British and American Studies 20-21 aprilie 2018, Universitatea Transilvania, Brașov

- **Linguistic Manifestations of an Altered State of Mind**

  1st Networks Conference 29 November 2019, Partium Christian University, Oradea (Romania)

- **Narrative Properties of Dreams**

  2nd Networks Conference 4 December 2020, Partium Christian University, Oradea Romania, - online

- **Psychological and Moral Aspects of Medicine in Anton Chekhov's Short Stories**

  Crises of Care Conference: Pandemic Culture, Biopolitics and the Medical Humanities, 26-27 iunie 2021, Institute of English and American Studies, Faculty of Humanities, University of Debrecen, Hungary – online

- **Existential Concerns in Anton Chekhov's Short Stories**
  Perspectives in Human Sciences (online workshop) 8 aprilie 2022, Universitatea Sapientia, Miercurea-Ciuc
- **Álomnarratívák Thomas Mann A varázshegy című regényében**
  Diskurzus, kultúra, reprezentáció III, 21-22 aprilie 2023, Universitatea Sapientia, Miercurea-Ciuc

L. Alte realizări semnificative

Recenzie de carte:

- **Anca Peiu: Romantic Renderings of Selfhood In Classic American Literature.** *Acta Universitatis Sapientiae, Philologica,* Vol. 11, No. 3, 2019. pp. 207-210. Scientia Publishing House, ISSN 2067-5151. CEEOL, DOAJ, NJD.

- **Anca Peiu: Faulkneriana.Back to (and beyond) Yoknapatawpha.** *Acta Universitatis Sapientiae, Philologica***,** Vol. 13, No. 3, 2021. pp. 130–133. Scientia Publishing House, ISSN 2067-5151. CEEOL, DOAJ, NJD. DOI: 10.2478/ausp-2021-0034.

Data:

06.09.2025

Lista de lucrări

Numele şi prenumele: LAJOS Katalin

A. Teza de doctorat

Susţinerea publică cu succes a tezei de doctorat la 30. martie 2009: Variante şi tipuri de frazeme în limba maghiară din Transilvania

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate

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

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

B5. Capitole de cărţi publicate în străinătate

B6. Capitole de cărţi publicate în ţară

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

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

Lajos Katalin: A "Székely ektiviti" és "Székely aktív" társasjátékok nyelvi anyaga - marketing és nyelvészet kereszttüzében. [Materialul lingvistic al jocurilor de societate "Székely ektiviti" și "Székely aktív" – la răscruce de marketing și lingvistică] *Hungarológiai Közlemények*. 2016. XLVII. évfolyam. 4. 36-50. ISSN: 0350-2430 WorldCat

Lajos Katalin: Variants of Identity – Identity in Change. Erzsébet Dani: Identitásgyarmatosítás Erdélyben Identitásdrámák és interkulturális stratégiák a Trianon utáni székelymagyar irodalomban [Colonization of Identity in Transylvania Dramas of Identity and Intercultural Communication in Székely-Hungarian Literature after Trianon). Pro-Print Publishing House, Miercurea-Ciuc, 2016. *Acta Universitatis Sapientiae, Philologica*, 8, 3 (2016) 177−179. ISSN: 2391-8179. Honlaphely: http://www.acta.sapientia.ro/acta-philo/C8-3/philo83-14.pdf

Lajos Katalin: The Image of Transylvania in the Works of Two Contemporary Romanian Historians Translation and Related Views on History *Acta Universitatis Sapientiae*, Philologica, 9, 1 (2017) 17−31. http://www.acta.sapientia.ro/acta-philo/C9-1/philo91-02.pdf

Lajos Katalin: Transition and Translation Between Two Wor(L)Ds. Transgressability of Borders in Ion Nete's Novel *Ninge cu suflete de morţi* and in Its Hungarian Translation *Acta Universitatis Sapientiae, Philologica*, 10, 3 (2018) 87−96. http://www.acta.sapientia.ro/acta-philo/philologica-main.htm

Lajos Katalin: Balázs Lajos: Amikor az ember nincs es ezen a világon. [Când omul este în al șaptelea cer] Review. *Revista Transilvania*. Nr. 11-12. (2020) 146–148. https://revistatransilvania.ro/review-lajos-balazs-amikor-az-ember-nincs-es-ezen-a-vilagon/. Scopus, Ebsco

Lajos Katalin: A szexualitásról való beszéd frazeológiája Csíkszentdomokoson [Frazeologia discursului despre frazeologie în Sândominic.] *Hungarológiai Közlemények*. 2021/1. 64–82. (În curs de publicare.) EBSCO, CEEOL, ERIHPLUS, Google Scholar https://epa.oszk.hu/02400/02401/00069/pdf/EPA02401_hungarologiai_kozlemenyek_2021_01_049-067.pdf

Lajos Katalin: Book Review – Erika-Mária TÓDOR–Imre TÓDOR– Enikő TANKÓ (2024): Romániai magyar középiskolások másodnyelvű szocializációja. *Acta Universitatis Sapientiae, Philologica*, 17, 2 (2025) 236–240. DOI: 10.47745/ausp-2025-0026 https://acta.sapientia.ro/en/series/philologica/publications-acta-philo/volume-17-no-2-2025/book-review-erika-maria-todor-imre-todor-eniko-tanko-2024-romaniai-magyar-kozepiskolasok-masodnyelvu-szocializacioja

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior)

Lajos Katalin: A romániai magyar nyelvű oktatás speciális problémái. [Problemele speciale ale învățământului în limba maghiară din România] *Paidea* (a Szent István Egyetem Alkalmazott Bölcsészeti Kar kiadványa). 2009/1. Jászberény, 118–129. ISSN: 1787 – 937X

Lajos Katalin: The Textological Functions of Proverbs in the Autobiographical Writings of Hungarian Peasants from Romania. *Acta Ethnographica Hungarica*. Akadémiai Kiadó, Budapest. 1-13. ISSN: 1216-9803 (Print); 1588–2586 (Online). DOI: 10.1556/AEthn.57.2012.0002

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

Lajos Katalin A közmondások szövegtani funkciói a paraszti önéletírásokban. [Funcțiile textologice ale proverbelor în autobiografiile țărănești] *Nyelv és Irodalomtudományi Közlemények*. LII. 2008. 39-64. ISSN: 0567-6223

Tapodi Zsuzsa–Lajos Katalin Particolarità e universalità nelle opere di scrittori ungheresi contemporanei con radici transilvane. [Particularități și aspecte universale în operele scriitorilor maghiari contemporani cu origini transilvănene*] Rivista di Studi Ungheresi*. Nuova Serie n. 21. 2022. 147-158. ISSN: 2035-7133

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

Lajos Katalin: Nemzetkép és frazeológia. [Imaginea națiunii și frazeologia] *Székelyföld* XII. (2008.) 1. 38–45. ISSN 1453-3871

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

Lajos Katalin: Frazeológia és identitás. [Frazeologie și identitate] In : *Nyelv, nemzet, identitás. A VI. Nemzetközi Hungarológiai Kongresszus (Debrecen, 2006. augusztus 22.26) nyelvészeti előadásai.*[*Limbă, națiune, identitate. Lucrările celui de-al VI-lea Congres Internațional de Hungarologie*] I. Kötet. Maticsák Sándor (Szerk.) 101-115. ISBN 978-963-87595-0-4-ö ISBN 978-963-87595-1-1

Lajos Katalin „Élni akarni kell” Hadifoglyok visszaemlékezéseinek néhány nyelvészeten túli aspektusa. [”Trebuie să vrei să trăiești” Câteva aspecte în afara lingvisticii ale memoriilor foștilor prizonieri de război] In: *Kriza János Néprajzi Társaság Évkönyve 16*. Kolozsvár, 2008. 255-273. ISBN 978-973-8439-42-9

Lajos Katalin: Egyéni és közösségi értékrend a paraszti önéletírások frazeológiájának tükrében. [Sisteme de valori individuale și colective în frazeologia autobiografiilor țărănești] 249-273. In: Bányai Éva (szerk.) *Narratívák párbeszéde. Hungarológiai Kutatások 1. [Dialogul narativelor. Cercetări de hungarologie]* 2008. RHT Kiadó, Bukarest – Sepiszentgyörgy ISBN 978-973-88825-3-9

Lajos Katalin: Nemzetkép és frazeológia. [Imaginea națiunii și frazeologia.] In: Tapodi Zsuzsa – Pap Levente (szerk.) *Tükörben. Imagológiai tanulmányok. [În oglindă. Studii de imagologie]* Sciencia Kiadó. Kolozsvár, 2011. 267-275. ISBN 978-973-1970-56-1

Lajos Katalin: Conflicte şi cauzatori de conflicte în variantele baladei populare Mioriţa. In: Pap Levente – Tapodi Zsuzsa (ed.): Interculturalitatea şi interetnicismul ieri şi azi. Studii de contactologie şi imagologie. Editura Status, Miercurea Ciuc, 2011. ISBN 978-606-8052-45-8

Lajos Katalin: Konfliktusok és konfliktusokozók a Miorita népballadában. [Conflicte și cauzatori de conflicte în balada Miorița] In: Pap Levente – Tapodi Zsuzsanna Mónika (szerk.): *Kapcsolatok, képek. Imagológiai tanulmányok. [Legături, imagini. Studii de imagologie]* Státus Kiadó. Csíkszereda, 2011. 60-71. ISBN 978-606-8052-49-6

Lajos Katalin: A román történelemkönyvek magyarságképe [Imaginea despre maghiari în manualele școlare de istorie a românilor] In: Szerk: József Bukor – Erzsébet Drahota-Szabó – Szabolcs Simon – Sándor Tóth: *A Selye János Egyetem 2017-es „Érték, minőség és versenyképesség – a 21. század kihívásai” Nemzetközi Tudományos konferenciájnak tanulmánykötete. [Volumul de studii al conferinței din 2017 cu titlul ”Valoare, calitate și competitivitate” al Universității Selye János]* 2017. 59–69. ISBN 978-808122-223-8

Lajos Katalin: Otthon az idegenben – köztes terek az utazási irodalomban [Acasă în străinătate – spații intermediare în literatura de călătorie.] In: Szerk: Lajos Katalin – Tapodi Zsuzsa: *Köztes terek. [Spații intermediare]*. Editura Scientia, Cluj Napoca, 2019. 223–239. ISBN: 978-606-975-029-2

Lajos Katalin: „Nem tudnak újjal rámutatni” A test a szexualitásról való beszéd csíkszentdomokosi frazeológiájába. [Corpul în frazeologia discursului despre sexualitate în Sîndominic]. Lajos Katalin – Pieldner Judit (szerk.): *Zsuzsa könyve. Tanulmányok Tapodi Zsuzsa születésnapjára. [Cartea lui Zsuzsa. Studii în onoarea lui Zsuzsa Tapodi]*. Editura Erdélyi Múzeum-Egyesület, Cluj-Napoca, 2021. ISB: 978-606-739-196-1

Lajos Katalin: A transztextualitás alakzatai J-K. Rowling *A karácsonyi malac* című regényében. Átjárók a gyermekirodalom és a felnőttirodalom között. [Transtextualitatea în romanul lui J.K. Rowling, Porcul de Crăciun. Punți de trecere între literature pentru copii și literature pentru adulți] In: Lajos Katalin – Pál Enikő – Pieldner Judit – Tapodi Zsuzsa: *Diskurzus, kultúra, reprezentáció Discurs, cultură și reprezentație.* Editura Scientia, Cluj Napoca, 2024, 139–155. ISBN:978-606-975-088-9

Lajos Katalin: A fordítás ösvényei. J-K- Rowling *A karácsonyi malac* című regénye magyar és román fordításának összehasonlító elemzése. In: Dégi Zsuzsana, Lajos Katalin, Pieldner Judit, Tódor Erika Mária: *Tanulmányok a bölcsészettudomány köréből. Ajtony Zsuzsanna születésnapjára. Studies in Humanities. On Zsuzsanna Ajtony's birthday*. 2024. Kolozsvár, Scientia Kiadó ISBN 978-606-975-096-4

Lajos Katalin: “La Lingua” – riflessioni sulla lingua e sul comportamento linguistico in “Tengeri szél” di József Füsi (Limba – reflecții asupra limbii și comportamentului lingvistic în “Tengeri szél” de József Füsi. In: Roberto Baronti Marchió - Amedeo di Francesco - Elena Dumitru

(eds.) „*Viaggiatori stranieri in Ungheria, viaggiatori ungheresi all'esterno secc.XVII – XX*. (Călători străini în Ungaria, călători maghiari în străinătate). În curs de apariție.

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

Ion Nete: Bújócska a holtakkal [De-a v-ați ascunselea cu morții] (Lajos Katalin fordítása). *Székelyföld*. 2009. március. 3. szám. 67-83. ISSN: 1453-3871

Ion Nete: Bújócska a holtakkal. [De-a v-ați ascunselea cu morții] (Lajos Katalin fordítása). In: *Az év műfordításai 2009. [Traducerile literare ale anului 2009]* Magyar Napló kiadó. Budapest, 2009. 184-198. ISSN: 1788-2923 ISBN: 978-963-9603-87-5

Ion Nete: Bújócska álmok között [De-a v-ați ascunselea prin vise] (Lajos Katalin fordítása) *Székelyföld* 2010. április. 4. szám. 36–46. ISSN: 1453-3871

Ion Nete: „Minden emberben egy világ vajúdik" ["În fiecare om o lume se naște"] (Lajos Katalin fordítása). *Magyar Napló* 10. XXII. évfolyam. 2010. október. 57–59. ISSN 08652910

Ion Nete: Csendes kör [Cerc domol] (Lajos Katalin fordítása). *Székelyföld* 2010. május. 5. szám, 71-77. ISSN:1453-3871

E. Editare, coordonare de volume

Lajos Katalin – Tapodi Zsuzsanna Mónika (szerk.): *A hagyomány burkai. Tanulmányok Balázs Lajos 70. születésnapjára. [Învelișurile tradiției. Studii în onoarea lui Balázs Lajos]* Kriza János Néprajzi Társaság. Kolozsvár, 2009. ISBN 978-973-8439-48-1

Lajos Katalin – Balázs Lajos (szerk.): *Sorsfordító rítusok. A Sorsfordító rítusok konferencia előadásai. 2009. december 11–12.). [Rituri de trecere. Prezentările conferinței cu titlul Rituri de trecere. 11–12. decembrie 2009.]* Scientia Kiadó. Kolozsvár, 2014. ISBN 978-973-1970-78-3

Lajos Katalin – Tapodi Zsuzsa: *Az idegenség diskurzusai. [Discursurile stranietății]* Státus Kiadó. Csíkszereda, Erdélyi Múzeum Egyesület. Kolozsvár, 2017. ISBN 978-6606-661-068-1, ISBN 978-606-739-083-4

Zsuzsanna Ajtony – László Hubbes – Katalin Lajos – Zsuzsa Tapodi: *Stranger/Străinul*. Editura Status, Miercurea Ciuc, Erdélyi Múzeum-Egyesület, Cluj Napoca, 2017. ISBN: 978-606-739-086-5, ISBN: 978-606-661-070-4

Lajos Katalin – Tapodi Zsuzsa: *Köztes terek. [Spații intermediare]*. Editura Scientia, Cluj Napoca, 2019. ISBN: 978-606-975-029-2

Lajos Katalin – Pieldner Judit: *Zsuzsa könyve. Tanulmányok Tapodi Zsuzsa születésnapjára. [Cartea lui Zsuzsa. Studii în onoarea lui Zsuzsa Tapodi]*. Editura Erdélyi Múzeum-Egyesület, Cluj-Napoca, 2021. ISB: 978-606-739-196-1

Lajos Katalin – Pál Enikő – Pieldner Judit – Tapodi Zsuzsa: *Diskurzus, kultúra, reprezentáció Discurs, cultură și reprezentație.* Editura Scientia, Cluj Napoca, 2024. ISBN:978-606-975-088-9

Dégi Zsuzsana–Lajos Katalin–Pieldner Judit–Tódor Erika Mária: *Tanulmányok a bölcsészettudomány köréből. Ajtony Zsuzsanna születésnapjára. Studies in Humanities. On Zsuzsanna Ajtony's birthday*. 2024. Kolozsvár, Scientia Kiadó ISBN 978-606-975-096-4

F. Invenţii

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

Participarea în calitate de membru la programul de cercetare în cadrul Catedrei de Ştiinţe Umane cu titlul „Constituirea de sens şi existenţa multilingvă”, contract de finanţare nr.../ 30 din 13. 04. 2009, încheiat cu Institutul Programelor de Cercetare la Fundaţia Sapientia

Participare în calitate de membru la programul de cercetare în cadrul Catedrei de Ştiinţe Umane cu titlul: Cercetări imagologice. Conducător de program dr. Tapodi Zsuzsanna Mónika.

H. Creaţia artistică

I. Premii, distincţii

J. Citări

K. Participări la conferinţe naţionale şi internaţionale

7–8 aprilie 2006: RODOSZ Kolozsvár (Asociaţia Doctoranzilor Maghiari din România). Titlul comunicării: A frazeológiai egységek szövegtani vizsgálata [Cercetarea textologică a unităților de frazeologie]. 2017.

23–26 august 2006: Debrecen Al VI-lea Congres Internaţional de Hungarologie. Titlul comunicării: Frazeológia és identitás [Frazeologie și identitate]

19 octombrie 2006: Cercetări de Hungarologie – Conferinţa Asociaţiei de Hungarologie din România: Titlul comunicării: Egyéni és közösségi értékrend az erdélyi paraszti önéletírások frazeológiájának tükrében [Sisiteme de valori indiciduale și colective în frazeologia autobiografiilor țărănești]

28 aprilie 2007: Univ. Sapientia M-Ciuc: Maghiarii în literatura română – românii în literatura maghiară. Conferinţa Internaţională de Imagologie. Titlul comunicării: Nemzetkép és frazeológia [Imaginea de națiune și frazeologie]

14-15 decembrie 2007: Asociaţia Etnografică „Kriza Janos”: Pe urmele ostaşului necunoscut.Titlul comunicării: „Élni akarni kell...” Hadifogoly visszaemlékezések frazeológiai vizsgálatának néhány nyelvészeten túli aspektusa [”Trebuie să vrei să trăiești” Câteva aspecte în afara lingvisticii ale memoriilor foștilor prizonieri de război]

26 noiembrie 2009: Universitatea Szent István din Jászberény (Ungaria). A Szent István Egyetem Alkalmazott Bölcsészeti Kar Konferenciája a Tudomány Havában. A konferencia vezető gondolatai: társadalom és identitás, társadalom és nevelés. Titlul comunicării: *A magyar nyelvű oktatás speciális problémái Romániában* [Problemele specifice ale învăţământului maghiar din România]

27 august 2010: Asociaţia Scriitorilor din Ungaria şi Editura Magyar Napló. Conferinţă internaţională *Literary Landmarks without Borders. A kortárs közép-európai irodalmak / Contemporary Literatures in Central Europe.* Titlul comunicării: Ion Nete írásművészete [Arta de prozator a lui Ion Nete]

15-17 aprilie 2011: Universitatea Sapientia, Miercurea Ciuc: Conferinţa *Românii în literatura maghiară – maghiarii în literatura română.* Titlul comunicării: Conflicte şi cauzatori de conflicte în variantele baladei populare Mioriţa.

8 noiembrie 2011: Universitatea Szent István Jászberény (Ungaria) Conferinţă anuală organizată cu ocazia Zilei Ştiinţei Maghiare. Titlul comunicării: Aspecte de imagologie în studiul variantelor române şi maghiare a baladei Mioriţa.

15–18 august 2012: Universitatea Ovidius, Constanţa. Colocviul Naţional "CULTURAL STUDIES: ce e "viu" şi ce e "mort", ce se aplică şi ce nu în spaţiul cultural românesc". Titlul comunicării: Imaginea alterităţii în mass-media românească.

22–27 august 2016: Al VIII-lea Congres Internațional de Hungarologie, Pécs (Ungaria). Titlul comunicării: Mi és mások – Fordítás és közelítő történelemképek [Noi și ceilalți – traducerea și apropierea reciprocă a imaginilor despre istorie]

25 octombrie 2016: Novi Sad (Serbia): Penavin Olga 100 (Univerzitetski lingvisticki dani 2016). Titlul comunicării: A „Székely ektiviti" társasjáték nyelvi anyaga: nyelvészet és marketing kereszttüzében. [Materialul lingvistic al jocului de societate "Ektiviti secuiesc" din perspectiva lingvisticii și a marketingului]

12–13 septembrie 2017: Komarno (Slovacia): Conferința internațională „Érték, minőség és versenyképesség – a 21. század kihívásai" [Valoare, calitate și competivitate - provocări ale secolului al XXI-lea]. Titlul comunicării: A román történelemkönyvek magyarságképe [Imaginea despre maghiari în manualele școlare de istorie a românilor]

22–23 septembrie 2017: Miercurea Ciuc: Nyelvi tájkép, nyelvi sokszínűség műhelykonferencia [Conferința peisajul lingvistic, pluralitate lingvistică]. Titlul comunicării: A „Székely ektiviti" és a „Székely aktív" társasjátékok nyelvi anyaga és az erdélyi regionális köznyelv kérdése [materialul lingvistic al jocurilor de societate „Székely ektiviti" și „Székely aktív" și problematica limbii maghiare regionale din Ardeal]

27 noiembrie 2017: Miercurea Ciuc: Kutassunk együtt! Tudományos Konferencia. [Conferința „ă cercetăm împreună!] Titlul comunicării: Imagológiai kutatások a Sapientián – 2007-2017 [Cercetări imagologice la Sapientia – 2007 – 2017]

20–21 aprilie 2018: Miercurea Ciuc: Border Crossings – International Conference 2018. Titlul comunicării: Transition and translation – between two wor(l)ds. Transgressability of Borders in Ion Nete's Novel Ninge cu suflete de morți and in its Hungarian Translation.

26–27 aprilie 2019: Miercurea Ciuc: Conferința internațională Köztes terek – Spații intermediare – Spaces in Between. Titlul comunicării: Otthon az idegenben – köztes terek az utazási irodalomban [Acasă în străinătate – spații intermediare în literatura de călătorie.]

17-18 noiembrie 2022: Brașov: Colocviul ALGCR 2022: Traducere și transfer. Titlul comunicării: Domesticire sau străinizare? Dileme legate de traducerea unui textul ritual parte a unei opere literare

21-22 aprilie 2023: Miercurea-Ciuc: Conferința Internațională "Discurs, cultură și reprezentare III." Titlul comunicării: A transztextualitás alakzatai J. K. Rowling *A karácsonyi malac* című regényében [Transtextualitatea în romanul lui J.K. Rowling, *Porcul de Crăciun*. Punți de trecere între literatura pentru copii și literatura pentru adulți]

22-23 martie 2024: Miercurea-Ciuc: Conferința internațională "Encounters in/among Language, Literaure and Art". Titlul comunicării: The Language of Science in Humanities – The Question of Form and Substance in the Study of the Humanities

19-20 septembrie 2024: Galați: Colocviu internațional "Traduire les culturèmes: paris et défis/ The Challenge of Translating Culture-specific Elements". Titlul comunicării: Stranietatea cunoscutului: întrebările ridicate de traducerea absentă a unui roman englez despre România

20-21 noiembrie 2024: Cassino (Olaszország): **”**Convegno internazionale *Viaggiatori stranieri in Ungheria, viaggiatori ungheresi all’estero secc. XVII-XX*.” Titlul comunicării: Viaggiatori ungheresi in Italia all’inizio del XX secolo

21-22 martie 2025: Miercurea-Ciuc: ”Közvetítés/ Transmitere/Transmission International Conference”, organizat de Centrul de Cercetare Confluențe Interculturale al Departamentului de Științe Umane, Facultatea de Științe Economice, Socio-Umane și Inginerești din Miercurea Ciuc, Universitatea „Sapientia” din Cluj-Napoca, România, în colaborare cu Filiala din Cluj a Academiei Maghiare de Științe. Titlul comunicării: *Ép testben ép lélek? Az akadályozottsággal élő emberekről alkotott kép a magyar frazeológiában* (Mens sana in corpore sano? Imaginea persoanelor cu dizabilități în frazeologia maghiară).

29-31 mai 2025, Cluj Napoca, conferința internațională organizată de Societatea Studiilor Românești (Society for Romanian Studies). cu titlul ”*Voices and Silences: 50 years of the Society for Romanian Studies”*. Titlul comunicării: Perspectives and Insights for the Analysis of Private Correspondence.

5-7 noiembrie 2025, Napoli, conferința internațională organizată de Universitatea Napoli l!Orientale cu titlul: *Tra passato e futuro: ricerca letteraria e linguistica nel bicentenario dell’Accademia ungherese delle scienze | Between Past and Future: Literary and Linguistic Research on the Bicentenary of the Hungarian Academy of Sciences Conferenza internazionale | International Conference in occasione del bicentenario dell’Accademia ungherese delle scienze (1825-2025) e della Giornata ungherese della scienza (3 novembre) on the Occasion of the Bicentennial of the Hungarian Academy of Sciences (1825-2025) and Hungarian Science Day* (Între trecut și viitor: cercetarea literară și liingvistică la bicentenariul Academiei de Științe Maghiare). Titlul comunicării: Lettera, posta, francobollo – Prospettive di analisi della corrispondenza privata nel XX secolo (Scrisoare, poștă, timbru / perspectivele de analiză a corespondenței private din secolul al XX-lea) / în limba italiană

L. Alte realizări semnificative

Membru invitat în juriul concursului TUDEK (26-28. noiembrie 2010) la secţia de etnografie

Corectura volumului Cicero: *Piso ell*en. [Împotriva lui Piso.] Ediție bilingvă. Traducere și prefață: Pap Levente. Erdélyi Múzeum Egyesület. Kolozsvár, 2015. ISBN 978-606-739-030-8

Data

30 ianuarie 2026

LISTA DE LUCRĂRI

Numele și prenumele: PAP Levente

A. Teza de doctorat

Pap Levente, 2016[2] *Zsidó-keresztény polémia a II. Században Tertulliani Adversus Iudaeos.* [Polemică iudeo-creștină în secolul al II.-lea] Editura Vasiliana 98, Iași, 183 pg, ISBN 978-973-116-513-4

B. Cărti publicate

B2. Cărţi publicate în ţară, la edituri recunoscute CNCSIS B sau B+

Pap Levente, 2015 *Cicero Piso Ellen.* [Cicero *Contra lui Piso*] Editura EME, Cluj Napoca, 179 pg, ISBN 978-606-739-030-8

> **Recenzie: Takács Levente**, 2016 Cicero: Piso ellen. Fordította, a bevezető tanulmányt és a jegyzeteket írta Pap Levente. *Ókor*. 2016/1. 118.
>
> http://okorportal.hu/wp-content/uploads/2016/08/2016_1_takacs.pdf

Pap Levente, 2017 *Tertullianus A zsidók ellen.* [Contra Iudeilor] Editura EME, Cluj Napoca, 200 pg, ISBN 978-606-739-073-5.

Pap Levente, 2017 *Lakatos István Siculia.* Editura Vasiliana 98, Iași, 183 pg ISBN 978-973-116-537-0.

> **Recenzie**: **Zsuzsa Tapodi**, 2017 István Lakatos. 2017. Siculia. Translation, Epilogue and notes by Levente Pap. *Acta Univestistatis Sapientiae Philologica* 9, (3) 169-172.

Pap Levente 2018 *Az ógörög irodalom rövid története chresomtáthiával.*[Istoria literturii greciei antice cu chrestomație] Editura Vasiliana 98, Iași, 284 pg. ISBN 973-978-116-600-1.

B5. Capitole de cărţi publicate în străinătate

Pap Levente 2024 Jó zsaru, rossz zsaru, avagy az egyén és a hatalom viszonya Cicero In Pisonemjében. [Polițistul bun, polițistul rău, sau relația dintre individ și putere în *In Pisonem* de Cicero] In. Tóth O. szerk. *Procul negotiis?* Tanulmányok egyén és hatalom viszonyáról. DE. Debrecen. 73-88. ISBN 978-963-490-685-8

Pap Levente 2021 A magyar kereszténység apostoli gyökerei….[Originile apostolice ale creștinismului la maghiari...] In. Tóth O. szerk. *Norma Sapientiae*. DE. Debrecen. ISBN 978-963-490-309-3 252-265.

Pap Levente 2017 Ovidius a 18. századi erdélyi katolikus történetírásban. [Ovidiu în istoriografia catolică din Transilvania sec. 18.] In Balog P. Lengyel R. szerk. Római költők a 18–19. századi magyarországi irodalomban Vergilius, Horatius, Ovidius. MTA Bölcsészettudományi Kutatóközpont Irodalomtudományi Intézet. Budapest. 35-43. ISBN 978-615-5478-40-6

Pap Levente 2014 Cicero politikai és állam ideállja illetve annak torzképe a Piso elleni beszédben. [Idelalul politic și versoul acesteia în opera In Pisonem a lui Cicero] In. Tóth O. szerk. *Studia Moralia*. DUP Debrecen

Pap Levente 2013 The eternal Res Publica Romana in M. T. Cicero's In Pisonem. In: ed. Фѐдоров И.А. Et alii *ОБЩЕСТВО, ОБЩНОСТИ,ЧЕЛОВЕК:В ПОИСКАХ ВЕЧН ОГО МИРА»* Tambov, 78-85

B6. Capitole de cărţi publicate în țară

Pap Levente, 2024 Kapcsolatok a történetírásban a 18. század hajnalán. Lakatos István és Bzenszky Rudolf [Relații istoriografice de la începutul secolului al XVIII-lea.]. In: Dégi Zsuzsanna, Lajos Katalin, Pieldner Judit, Tódor Erika-Mária (coord.) Tanulmányok a bölcsészettudományok köréből [Studii în domeniul științelor umaniste]. Editura Scientia Kiadó, 185-197 ISBN 978-606-975-096-4

Pap Levente, 2021 A magyar kereszténység eredetkérdése egy 18. századi bibliafordítás előszavában [Originiea creștinismului maghiar în introducerea unei traduceri biblice din sec. 18.]. In: Katalin Lajos, Judit Pieldner (coord.): Zsuzsa könyve. Tanulmányok Tapodi Zsuzsa születésnapjára. [Cartea lui Zsuzsa. Studii în onoarea lui Zsuzsa Tapodi]. Societatea Muzeului Ardelean, Cluj-Napoca, 155–165. ISBN: 978-606-739-196-1.

C. Lucrări ştiinţifice publicate

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale

Pap Levente 2024 The Apostolic Puzzle: Illyricum Sacrum and the Origins of Christianity in the Ancient Roman Province. *Bogoslovni vestnik*. Volume 84, Issue 1, Pages 117–128, ISSN 1581-2987 (EBSCO, ERIH Plus, CEEOL, Scopus, Scimago) DOI: 10.34291/BV2024/01/Levente

Pap Levente 2022 Religiöse Kontinuität und Konfessionalität in Johannes Pappus` Epitome. *Historia Ecclesiastica*. Volume 13, Issue 2, Pages 18–33, ISSN 1338-4341 (EBSCO, ERIH Plus, CEEOL, Scopus, Scimago)

Pap Levente 2022 Prometheus in the Hungarian National Bloodline. A Theory of the Origin of the Hungarians in Ferenc Otrokocsi Foris's Origines Hungaricae… *Acta Universitatis Sapientiae, Philologica* Volume 14, Issue 1, Pages 70–82, ISSN 2068-2956 (EBSCO, ERIH Plus, CEEOL, Scopus, Scimago), DOI: https://doi.org/10.2478/ausp-2022-0006

Pap Levente 2021 Jerome's Reception in an Early Eighteenth-Century Hungarian Historical Work. *Clotho* Volume 3, Issue 2, Pages 75–90, ISSN de (AWOL, ERIH Plus, DOAJ, COPERNICUS), DOI: https://doi.org/10.4312/clotho.3.2.75-90.

Pap Levente 2021 Historische und Religiöse Propaganda in Sarmatica von Martin Opitz. *Historia Ecclesiastica*. Volume 12, Issue 1, Pages 91–106, ISSN 1338-4341 (EBSCO, ERIH Plus, CEEOL, Scopus, Scimago)

Pap Levente 2018 The Integration of the Armenian Immigrants in István Lakatos's Siculia. *Acta Universitatis Sapientiae, Philologica*. Volume 10, Issue 1, Pages 105–115, ISSN (EBSCO, ERIH Plus, CEEOL, Scopus, Scimago) 2067-5151, DOI: 110.2478/ausp-2018-0007

Pap Levente 2016 Reticence in Cicero's Discourse. *Acta Universitatis Sapientiae, Philologica*. Volume 8, Issue 1, Pages 117–125, ISSN (EBSCO, Online) 2067-5151

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2. Antichitate-creştinism, Domus Hungarica, 2005-2006, director
3. Naratologia spaţiului IPC, Univ. Sapientia, 2011, membru
4. Imagologie, IPC, Univ. Sapientia, 2011-2014, membru
5. Cercetare archvistică, Domus Hungarica, 2012, director
6. Losteiner Leonard**,** Domus Hungarica, 2012-2013, director
7. Chronologia, transcirere de text, Domus Hungarica 2013-2014, director
8. Chronologia, transcirere de text, Domus Hungarica 2014-2015, director
9. Cercetare arhivistică (Lakatos István), Domus Hungarica, 2016-2017, director
10. Cercetarea operei Siculia a lui Lakatos István, Domus Hungarica 2017-2018, director
11. Cercetare arhivistică (Rudolphus Bzensky), Domus Hungarica 2018-2019, director
12. Cercetare arhivistică (Gabriel Bathory), Domus Hungarica 2019, director
13. Porpagandă religiosă în Sarmatica de Martin Opitz, Domus Hungarica 2020, director
14. Continuitatea religioasă în Epitome de Johannes P. Domus Hungarica 2021, director
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Publicație citată: Pap Levente Tertulliani Adversusu Iudaeos, lucrare de doctorat.

K. Participări la conferinţe naţionale şi internaţionale

1. Intersections: Literature, Language, Culture. Departamentul de Științe Umane al Facultății de Științe Economice, Socio-umane și Inginerești din Miercurea-Ciuc, Universitatea Sapientia din municipiul Cluj-Napoca, în perioada 17-18. 4. 2026. Pap Levente: "What Is Truth?" Catiline between Classical Rhetoric and Postmodern Detective Fiction

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5. Ókor – Akkor, Egykor és Ma XV. Magyar Ókortudományi Konferencia [Antichitea – Atunci, Cândva și Azi], Klasszika Filológia Tanszék, Pázmány Péter Katolikus Egyetem BTK. 23 – 25. 5. 2024. Pap Levente: A retorika művészete és a gyilkosság művészete: Cicero és a detektívregények kapcsolata – Steven Saylor esete Ciceróval. [Arta retoricii, și arta uciderii: Cicero și relația sa cu romanul polițist]

6. Encounters in / among Language, Literature, and Arts, Departamentul de Științe Umane al Facultății de Științe Economice, Socio-umane și Inginerești din Miercurea-Ciuc, Universitatea Sapientia din municipiul Cluj-Napoca, în perioada 22-23. 3. 2024. Encounters in Literary Traditions: Early Christian Echoes in Petru Maior's References.

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20. Norma Sapientiae. Debreceni Egyetem, Debrecen, 2019. 05. 10-11. Egy 18. századi Tertullianus recepció margójára. [Pe marginea unei recepții de sec. 18 a lui Tertullian]

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Transylvaniae című művében. [Diferența de religie ca izvor al divergențelor entice în opera De originibus populorum Transylvaniae a lui Ion Budai Deleanu]

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50. Universitatea Sapientia din Miercurea–Ciuc 2011. 04. 12. Imagológiai konferencia. *Szent Gellért legendája két nemzeti irodalom kezdeténél?* [Legenda sfântului Gerhard la începtul a dou literaturi?]

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52. Universitatea Sapientia din Miercurea–Ciuc, 2009-12-11-12 *Római és Ókeresztény temetés.* [Obiceiuri de înmormântare la romani și creștinii primelor secole]

53. Societatea de Hungarologie din România, Universitatea din Bucureşti, Bucureşti 2008, 9-10 Aprilie, *Humor és irónia a klasszikus és korakeresztény latin irodalomban (Cicero és Tertullianus).* [Umor și ironie îm loteratura clasică latină și în cea creștină – Cicero și Tertullianus]

54. Societatea de Hungarologie din România, Universitatea din Bucureşti, Bucureşti 2006, 13 Octombrie, *Nec dubitari debet quin fuerint ante Homerum poetae…*

55. VII. Magyar Ókortudományi Konferencia, Debrecen, 2006, 26-28 Mai, *Tertulliani Adversus, Judaeos.*

L. Recenzii

Pap Levente, 2020 *Egyházatyák a reformáció és az ellenreformáció korában.* [Părinții bisericii în perioda reformei și a contrareformei religioase] *Református Szemle*. CXIII/3, 2020, 283-287

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Pap Levente, 2008 Gyilkosok voltak a keresztények? [Creștini au fost criminali?] *Keresztény Szó* nr. 4, 2008, 26-28

Pap Levente, Egy elfelejtett történetíró újrafelfedezése [Redescoperirea unui istoric uitat] *Székelyföld*, nr. IX/6, 2005. 147-151

Pap Levente, A monachizmus kezdetei a római birodalomban [Începuturile monahismului pe teritoriul imperiului Roman] *Keresztény Szó*, nr. 4, 2003, 12-13

Pap Levente, Dáciai városok [Orașe dacice] *Klió*, nr. 1, 2002, 64-72

Data: 09.09.2026

LISTA DE LUCRĂRI

Numele şi prenumele: MAGUŠAR-MARTON Andrea

A. Teza de doctorat

-

B. Cărti publicate

-

C. Lucrări ştiinţifice publicate

Autor (autori), titlu, revista, volumul, nr, anul, pagini (de la ... – la...), eventual nr. ISSN

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

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior)

- Marton Andrea. 2023. Megszólalni románul. A nyelvi szorongás megélése és túlélése [A vorbi în limba română. Trăirea și depășirea anxietății lingvistice], IN: Ingenia Hungarica VIII., ELTE Eötvös József Collegium, Budapest, pp. 63-81. ISSN 2416-0911
- Marton Andrea. 2024. Nem formális tanulási lehetőség formális környezetben? – A Duolingo applikáció [O oportunitate de învățare non-formală într-un mediu formal? – Aplicația Duolingo], IN: Ingenia Hungarica IX., ELTE Márton Áron Szakkollégium, Budapest, pp. 105-118. ISSN 2416-0911
- Marton Andrea. 2024. Foreign language anxiety- Only in case of low proficiency level? [Anxietatea legată de limbile străine – Doar în cazul unui nivel scăzut de competență?], IN:BSSMF- Buletinul sesiunii studenților și masteranzilor filologi, Aeternitas Publishing House, Alba Iulia, pp.170-189. ISSN: 2601-2618 ISSNL 2601-2618
- Marton Andrea. 2024. Dynamic approach in measuring foreign language anxiety in the case of interpreting students using the idiodynamic method [O abordare dinamică în evaluarea anxietății legate de limbile străine în cazul studenților de interpretariat, prin utilizarea metodei idiodinamice], IN: Edulingua 10/1, Szeged, pp.1-20. ISSN 2415-945X, DOI: 10.14232/edulingua.2024.1.1
- Magušar-Marton Andrea. 2025. 'Silence is what causes me anxiety'- Nonverbal Cues in the Research of Language Anxiety in the case of Interpreting Students [„Tăcerea este cea care îmi provoacă anxietate” – Indicii nonverbale în cercetarea anxietății lingvistice în cazul studenților de la interpretariat], IN: Acta Universitatis Sapientiae, Philologica, 17, 2, pp.180–198. ISSN 2067-5151, DOI: 10.47745/ausp-2025-0023

I. Premii, distincţii

- 06.2024- Bursa Sapientia Maximus, Facultatea de Științe Economice, Socio-Umane și Inginerești din cadrul Universităţii Sapientia

- 06.2022- Bursa Sapientia Maximus, Facultatea de Științe Economice, Socio-Umane și Inginerești din cadrul Universităţii Sapientia, Miercurea Ciuc
- 02.2022–06.2022- Programul de burse Balassi Bálint, Ministerul Afacerilor Externe și Comerțului, Conferința de închidere, Budapesta
- 15-17.04.2025- Locul I. la cea de-a 37-a ediție a OTDK, secțiunea Științe Umaniste, secțiunea Engleză și Lingvistică Aplicată, Szeged

K. Participări la conferinţe naţionale şi internaţionale

- 28.07-02.08.2026- Conferința Colegiilor din Bazinul Carpatic – Ediția XII, Colegiul „Márton Áron", Eötvös Loránd (ELTE), Prezentare: Tolmács hallgatók nyelvi szorongása pszicholingvisztikai szempontból [Anxietatea lingvistică a studenților la interpretariat din perspectiva psiholingvistică], Budapesta
- 8-13.07.2025- Conferința Colegiilor din Bazinul Carpatic – Ediția XI, Colegiul „Márton Áron", Eötvös Loránd (ELTE), Prezentare: A nyelvi szorongás nonverbális jelei tolmács hallgatóknál [Semne nonverbale ale anxietății lingvistice la studenții interpreți], Budapesta
- 09.05.2025- Conferința Forumul doctoranzilor, a IX-a sesiune științifică, Sapientia EMTE, Prezentare: A nyelvi szorongás nonverbális jelei tolmács hallgatóknál [Semne nonverbale ale anxietății lingvistice la studenții interpreți], Miercurea Ciuc
- 15-17.04.2025- Conferința OTDK 2025, 37-a ediție a OTDK, Prezentare: Silence is what causes me anxiety – the experience of language anxiety among translation and interpretation students [Liniștea este ceea ce îmi provoacă anxietate – experiența anxietății lingvistice în rândul studenților la traducere și interpretare], Szeged
- 21-22.03.2025- Conferința Közvetítés/ Trasmitere/ Transmission, Sapientia EMTE, Prezentare: The role of nonverbal cues in the research of language anxiety [Rolul semnalelor nonverbale în cercetarea anxietății lingvistice], Miercurea Ciuc
- 31.01.2025- Conferința HUSSE 2025, The 17th Biennial HUSSE Conference, Prezentare: Different approaches in studying language anxiety [Diferite abordări în studierea anxietății lingvistice], Szeged
- 17-18.10.2024- Conferința TRANS-LINGUISTICA VII. Applied linguistics in the age of ai international conference, Sapientia EMTE, Prezentare: Technological improvement in measuring language anxiety [Îmbunătățiri tehnologice în măsurarea anxietății lingvistice], Târgu Mureș
- 07.2024- Conferința Colegiilor din Bazinul Carpatic – Ediția X, Colegiul „Márton Áron", Eötvös Loránd (ELTE), Prezentare: Egyéni különbségek vizsgálata tolmács hallgatók idegennyelvi szorongása esetén [Examinarea diferențelor individuale în anxietatea studenților interpreți], Budapesta
- 05.2024- Conferința Științifică a Facultății – Ediția XXI, Facultatea de Științe Economice, Socio-Umane și Inginerești din cadrul Universităţii Sapientia, Prezentare: Silence is what causes me anxiety – the experience of language anxiety among translation and interpretation students [Liniștea este ceea ce îmi provoacă anxietate – experiența anxietății lingvistice în rândul studenților la traducere și interpretare], Locul III., Nominalizare OTDK, Miercurea Ciuc
- 03.2024- Encounters in/among Language, Literature, and Arts Facultatea de Științe Economice, Socio-Umane și Inginerești din cadrul Universităţii Sapientia, Prezentare:

Individual differences in anxiety during interpretation [Diferențe individuale în anxietate în timpul interpretării], Miercurea Ciuc

- 12.2023- Conferința științifică de toamnă a colegiului „Hatvani István” 2023, Prezentare: „Teljesen leblokkoltam." Nyelvi szorongás tolmácsolás során [„M-am blocat complet.” Anxietatea lingvistică în timpul interpretării], Debrecen
- 12.2023- Scientific Session of Philology Undergraduate and Master's Students Universitatea "1 Decembrie 1918", Prezentare: Foreign language anxiety- only in case of low proficiency level? [Anxietatea în limbile străine – doar în cazul unui nivel scăzut de competență?], Miercurea Ciuc
- 07.2023- Conferința Colegiilor din Bazinul Carpatic – Ediția IX, Colegiul „Márton Áron”, Universitatea Eötvös Loránd (ELTE), Prezentare: Erdélyi kétnyelvűek nyelvi szorongása [Anxietatea lingvistică în rândul bilingvilor din Transilvania], Budapesta
- 04.2023- Conferința Națională a Studenților Cercetători – Ediția a 36-a, Universitatea Reformată Károli Gáspár, Facultatea de Științe Umaniste și Sociale, Prezentare: Megszólalni románul. A nyelvi szorongás megélése és túlélése [A vorbi românește. A trăi și a supraviețui anxietății lingvistice], Budapesta
- 05.2023- Conferința Științifică a Facultății – Ediția XX, Facultatea de Științe Economice, Socio-Umane și Inginerești din cadrul Universităţii Sapientia, Prezentare: A nyelvi szorongás oka és kezelése szóbeli nyelvi közvetítés során fordító és tolmács szakos hallgatók körében [Cauzele și gestionarea anxietății lingvistice în medierea lingvistică orală pentru studenții la traducere și interpretare], Miercurea Ciuc
- 02.2022–06.2022- Programul de burse Balassi Bálint, Ministerul Afacerilor Externe și Comerțului, Conferința de închidere, Prezentare: Megszólalni románul. A nyelvi szorongás megélése és túlélése [Anxietatea lingvistică într-un mediu bilingv], Budapesta
- 05.2022- Conferința Științifică a Facultății – Ediția XIX, Facultatea de Științe Economice, Socio-Umane și Inginerești din cadrul Universităţii Sapientia, Prezentare: Megszólalni románul. A nyelvi szorongás megélése és túlélése [A vorbi românește. A trăi și a supraviețui anxietății lingvistice] Secțiunea de lingvistică și filologie, Locul I, nominalizare OTDK, Miercurea Ciuc
- 05.2021- Conferința Științifică a Facultății – Ediția XVIII, Facultatea de Științe Economice, Socio-Umane și Inginerești din cadrul Universităţii Sapientia, Prezentare: A nyelvi szorongás jelensége és megnyilvánulása bilingvis környezetben [Fenomenul și manifestarea anxietății lingvistice în contexte bilingve] Secțiunea de lingvistică și filologie, Locul III, Miercurea Ciuc

L. Alte realizări semnificative

- 2023- Noaptea Cercetătorilor III, Colegiul „Márton Áron”, Universitatea Eötvös Loránd (ELTE), Prezentare: Idegennyelvi szorongás. Kommunikáció a komfortzónán kívül [Anxietatea lingvistică. Comunicarea în afara zonei de confort], Budapesta

Data
28.09.2026

Lista de lucrări în domeniul de studii universitare de licenţă contabilitate

Numele şi prenumele: *Fülöp Árpád Zoltán*

A. Teza de doctorat: ANALIZA COSTURILOR DE PRODUCȚIE A APEI POTABILE ȘI A SERVICIULUI DE CANALIZARE-EPURARE: MODELE DE CALCULAȚIE ȘI ANALIZĂ, 2024

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

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

Fülöp Árpád Zoltán: Bazele contabilităţii (Számviteli és mérlegtani alapfogalmak), Scientia, Cluj, 2012, ISBN: 978-973-1970-62-2 (973-1970-62-2), 296 pagini.

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

Contabilitate financiară (în limba maghiară) – 2024

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

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

1. Fülöp Kinga-Erzsébet, Fülöp Árpád-Zoltán, 2025**.** LIQUIDATION OF COMPANIES: ACCOUNTING, LEGAL AND FISCAL IMPLICATIONS IN THE CURRENT CONTEXT, Annals of the University of Oradea, Economic Science Series, 2025, Vol 34, Issue 1, pp.132-140

2. Fülöp Kinga-Erzsébet, Fülöp Árpád-Zoltán, 2023. THE RELATIONSHIP BETWEEN FINANCIAL RESULTS AND SUSTAINABLE DEVELOPMENT AT WATER AND SEWAGE OPERATORS IN ROMANIA. *Annales Universitatis Apulensis Series Oeconomica*, *25*(2), pp.95-104.

3. Fülöp Árpád-Zoltán, Fülöp Kinga-Erzsébet, 2023. PERSPECTIVES OF THE CIRCULAR ECONOMY FOR WATER AND SEWAGE OPERATORS IN ROMANIA, Annals of the „Constantin Brâncuşi" University of Târgu Jiu, Economy Series, Issue 6/2023, Volume 1 pp.125-129

4. Fülöp Kinga-Erzsébet, Fülöp Árpád-Zoltán, 2023. THE PERFORMANCE MEASUREMENT OF WATER AND SEWERAGE OPERATORS IN ROMANIA THROUGH THE KEY PERFORMANCE INDEX, Journal of financial studies, 8(15), pp.106-118

5. Bakó Kinga-Erzsébet, **Fülöp Árpád-Zoltán, Stanciu Alina,** 2021. "ECONOMIC AND FINANCIAL STABILITY FOR WATER AND WASTEWATER OPERATORS IN ROMANIA", The Annals of the University of Oradea. Economic Sciences TOM XXX, 2st Issue, December 2021, pp.19-25

6. Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet, Stanciu Alina, 2021. "SEPARATION OF FIXED AND VARIABLE COSTS FROM MIXED COSTS AT A WATER AND SEWERAGE OPERATOR", The Annals of the University of Oradea. Economic Sciences TOM XXX, 1st Issue, July 2021, pp.220-226

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9. Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet, THE ANALYSIS STRUCTURES THE COSTS AND THE RELATIONSHIP BETWEEN COSTS AND REVENUES IN THE SECTOR OF SEWERAGE AND WASTEWATER TREATMENT IN ROMANIA, *Annals of the „Constantin Brâncuşi" University of Târgu Jiu,* Economy Series, Special Issue, volume II/2017, pp. 188-196

10. Bakó Kinga-Erzsébet, Fülöp Árpád-Zoltán, THE ECONOMIC PERFORMANCE BETWEEN THE PAST, PRESENT AND FUTURE, *Annals of the „Constantin Brâncuşi" University of Târgu Jiu*, Economy Series, Special Issue volume I/2017, pp. 220-226

11. Fülöp Árpád-Zoltán, Corici Marian Catalin, Avram Boitos Camelia, Financial Position – Overview of Economic Performance in the Energy Mining Industry, *International Journal of Academic Research in Accounting*, Vol. Vol. 7, No.1, January 2017, No Vol. 7, No.1, January 2017, 2017, ISSN 2225-8329, pp. 297–305.

12. Bakó Kinga-Erzsébet, Fülöp Árpád-Zoltán, PROFITABILITY AND EFFICIENCY ANALYSIS IN WATER AND SEWERAGE SECTOR IN ROMANIA, *Annals of the University of Targu Jiu*, Vol. 2017, No 4/2017, 2017, ISSN 2344-3685, pp. 96–102.

13. Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet, Avram Boitos Camelia, THE ANALYSIS OF THE COSTS AND THE CORRELATION BETWEEN TARIFF AND COST IN THE SECTOR OF CLEAN WATER AND SEWERAGE IN ROMANIA, *Annals of the University of Targu Jiu*, Vol. 2017, No 4/2017, 2017, ISSN 2344-3685, pp. 179–185.

14. Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet, APPLICATION OF ABC METHOD FROM AN OPERATOR OF WATER AND SEWERAGE, Vol. Economy Series, Special Issue, volume I /2016, No 1/2016, 2016, pp. 234–239.

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C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

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

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1. **Fülöp Árpád-Zoltán, Fülöp Kinga-Erzsébet,** 2025. CORPORATE INCOME TAX AND MICROENTERPRISE TAX IN ROMANIA: COMPARATIVE ACCOUNTING AND FISCAL ANALYSIS, Proceedings of the International Conference "Information Society and Sustainable Development", ISSD 2025 XIIth Edition, May 30-31, 2025, Târgu-Jiu, Romania, ACADEMICA BRÂNCUŞI" PUBLISHER, 2025

2. **Fülöp Árpád-Zoltán, Fülöp Kinga-Erzsébet**, 2024, TRANSFORMING ROMANIAN ACCOUNTING PRACTICES: THE IMPACT OF BLOCKCHAIN, CLOUD COMPUTING AND ARTIFICIAL INTELLIGENCE, International Scientific Conference ECOTREND 2024 Digitalization-Sustainability-Competitiveness, XXIth Edition, November 22th-23th, 2024 Târgu-Jiu, Romania, ACADEMICA BRÂNCUŞI" PUBLISHER, 2024

3. **Fülöp Kinga-Erzsébet, Fülöp Árpád-Zoltán**, 2024, „SUSTAINABILITY REPORTING OF WATER AND SEWAGE OPERATORS IN ROMANIA" ", International Conference of Managament Economics and Accounting, 8th-10th May 2024, Alba Iulia, Romania

4. **Fülöp Árpád-Zoltán, Fülöp Kinga-Erzsébet,** 2023. „PERSPECTIVES OF THE CIRCULAR ECONOMY FOR WATER AND SEWAGE OPERATORS IN ROMANIA"**,** International Scientific Conference ECOTREND 2023 Digitalization-Sustainability-Competitiveness, XXth Edition, November 17-18, 2023 Târgu-Jiu, Romania, ACADEMICA BRÂNCUŞI" PUBLISHER, 2023

5. **Fülöp Kinga-Erzsébet, Fülöp Árpád-Zoltán,** 2023. „THE RELATIONSHIP BETWEEN FINANCIAL RESULTS AND SUSTAINABLE DEVELOPMENT AT WATER AND SEWAGE OPERATORS IN ROMANIA", International Conference of Managament Economics and Accounting, 10th-13th May 2023, Alba Iulia, Romania

6. **Fülöp Kinga-Erzsébet, Fülöp Árpád-Zoltán,** 2023. „THE PERFORMANCE MEASUREMENT OF WATER AND SEWERAGE OPERATORS IN ROMANIA THROUGH THE KEY PERFORMANCE INDEX", European Conference on Financial Services (ECFS 2023), 23th - 24th March, 2023, Brașov, Romania

7. **Fülöp Kinga-Erzsébet, Fülöp Árpád-Zoltan,** 2022. "BIBLIOMETRIC ANALYSIS OF PUBLICATIONS RELATED TO FINANCIAL PERFORMANCE FOR THE PERIOD 2010-2021", In: Diana Mihaela Pociovălișteanu (ed.): PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "Information Society and Sustainable Development" ISSD 2022, Targu Jiu, Gorj, „ACADEMICA BRÂNCUŞI" PUBLISER, 2022

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9. **Bakó Kinga-Erzsébet**, **Fülöp Árpád-Zoltán, Stanciu Alina,** 2021. "ECONOMIC AND FINANCIAL STABILITY FOR WATER AND WASTEWATER OPERATORS IN ROMANIA", ABSTRACTS OF THE PAPERS PRESENTED AT THE 17TH INTERNATIONAL CONFERENCE ON EUROPEAN INTEGRATION – NEW CHALLENGES – EINCO 2021, University of Oradea, Faculty of Economic Sciences, May 27th -28th, 2021, Oradea, Romania, UNIVERSITY OF ORADEA PUBLISHING, 2021, ISSN: 1844 – 5519, p.39

10. **Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet, Stanciu Alina,** 2021. "SEPARATION OF FIXED AND VARIABLE COSTS FROM MIXED COSTS AT A WATER AND SEWERAGE OPERATOR", ABSTRACTS OF THE PAPERS PRESENTED AT THE 17TH INTERNATIONAL CONFERENCE ON EUROPEAN INTEGRATION – NEW CHALLENGES – EINCO 2021, University of Oradea, Faculty of Economic Sciences, May 27th -28th, 2021, Oradea, Romania, UNIVERSITY OF ORADEA PUBLISHING, 2021, ISSN: 1844 – 5519, p.48

11. **Bakó Kinga-Erzsébet**, **Fülöp Árpád-Zoltán**, 2020. "The Efficiency Equation For Water And Wastewater Operators In Romania *International Scientific Conference ECOTREND 2020 Effects of economic activity shutdown during the Coronavirus pandemic*, Targu Jiu, Gorj, „ACADEMICA BRÂNCUŞI" PUBLISHER, ISSN 2248-0889, ISSN-L 2248-0889

12. **Bakó Kinga-Erzsébet**, **Fülöp Árpád,** 2019. MEASUREMENT AND EVOLUTION OF FINANCIAL PERFORMANCE IN THE ROMANIAN WATER UTILITIES, In: Diana Mihaela Pociovălișteanu (ed.): *PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "Information Society and Sustainable Development" ISSD 2019*, Targu Jiu, Gorj, „ACADEMICA BRÂNCUŞI" PUBLISER, 2019, pp. 253–260., ISBN 978-973-144-889-3

13. **Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet,** THE COST EQUATION OF DRINKING WATER IN ROMANIA**, ICMEA 2018 - Alba Iulia**

14. **Bakó Kinga-Erzsébet**, **Fülöp Árpád-Zoltán,** ECONOMIC PERFORMANCE ANALYSIS IN CLEAN WATER AND SEWERAGE SECTOR IN ROMANIA, In: Diana Mihaela Pociovălișteanu (ed.): *PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "Information Society and Sustainable Development" ISSD 2018*, Targu Jiu, Gorj, „ACADEMICA BRÂNCUŞI" PUBLISER, 2018, pp. 210–217., ISBN 978-973-144-889-3
15. **Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet,** LINEAR REGRESSION ON THE STRUCTURE OF THE TARIFF FOR DRINKING WATER IN ROMANIA, In: Diana Mihaela Pociovălișteanu (ed.): *PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "Information Society and Sustainable Development" ISSD 2018*, Targu Jiu, Gorj, „ACADEMICA BRÂNCUŞI" PUBLISER, 2018, pp. 265–271., ISBN 978-973-144-889-3

16. **Bakó Kinga-Erzsébet, Fülöp Árpád-Zoltán**, ECONOMIC PERFORMANCE ANALYSIS IN CLEAN WATER AND SEWERAGE SECTOR IN ROMANIA, Proceedings of the Internatiionall Conference "Informatiion Sociiety and Sustaiinablle Devellopment" ISSD 2018 V-th Edition, „ACADEMICA BRÂNCUŞI" PUBLISHER, ISBN 978-973-144-889-3, pp.210-217, 2018

17. **Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet**, LINEAR REGRESSION ON THE STRUCTURE OF THE TARIFF FOR DRINKING WATER IN ROMANIA, Proceedings of the Internatiionall Conference "Informatiion Sociiety and Sustaiinablle Devellopment" ISSD 2018 V-th Edition, „ACADEMICA BRÂNCUŞI" PUBLISHER, ISBN 978-973-144-889-3, pp.265-271, 2018

18. **Bakó Kinga-Erzsébet, Fülöp Árpád-Zoltán,** MEASUREMENT AND EVOLUTION OF FINANCIAL PERFORMANCE IN THE ROMANIAN WATER UTILITIES, Proceedings of the Internatiionall Conference "Informatiion Sociiety and Sustaiinablle Devellopment" ISSD 2019 VI-th Edition, „ACADEMICA BRÂNCUŞI" PUBLISHER, ISBN 978-973-144-889-3, pp.253-260, 2019

19. **Fülöp Árpád-Zoltán**, The effect of accountancy assessment procedures the undertakings financial, income and onto his financial position. In: *International Conference on Economics, Law and Management 3 - Târgu Mureş 4 - 7 iunie 2008*, Târgu Mureş, folyamatban, 2008, ISBN 0000000000

20. **Fülöp Árpád-Zoltán**, Evaluarea imobilizărilor necorporale – „Intangibile assets evaluaation". In: Prof.univ.dr.ciurea Ion (ed.): *Sesiunea Internaţională de comunicări ştiinţifice „Integrare şi globalizare" – Piteşti 15-16 aprilie 2005*, Piteşti, Editura Universităţii din Piteşti, 2005, ISBN 9736903850

21. **Fülöp Árpád-Zoltán**, Evaluarea resurselor umane – „Hidden treasury". In: Berinde Sorin, Fekete Szilveszter (ed.): *Sesiunea Internaţională de comunicări ştiinţifice „Economie şi integrare" – Cluj Napoca 18 -19 noiembrie 2005*, Cluj-Napoca, Risoprint, 2005, ISBN 9737511301

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

F. Invenţii.

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

H. Creaţia artistică

H1 Participări la manifestaţii artistice internaţionale

H2. Participări la manifestaţii artistice naţionale

H3. Expoziţii, filme, spectacole, concerte, discuri de autor, opere internaţionale

H4. Expoziţii, filme, spectacole, concerte, discuri de autor, opere naţionale

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

I. Premii, distincţii.

J. Citări

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2.	Bakó Kinga-Erzsébet, Fülöp Árpád-Zoltán, Stanciu Alina, 2021. "ECONOMIC AND FINANCIAL STABILITY FOR WATER AND WASTEWATER OPERATORS IN ROMANIA", ABSTRACTS OF THE PAPERS PRESENTED AT THE 17TH INTERNATIONAL CONFERENCE ON EUROPEAN INTEGRATION – NEW CHALLENGES – EINCO 2021, University of Oradea, Faculty of Economic Sciences, May 27th -28th, 2021, Oradea, Romania, UNIVERSITY OF ORADEA PUBLISHING, 2021, ISSN: 1844 – 5519, p.39
	Moise, O., Banghiore, G. and Stan, M.I., 2024. Investments, performance and economic impact in the wastewater sector: correlations and trends in the period 2012-2022. Ovidius University Annals, Series Civil Engineering, 26(1).
	Banghiore, G., Moise, O. and Stan, M.I., 2024. Key determinants for the economic and operational sustainability of sewerage services. Ovidius University Annals, Series Civil Engineering, 26(1).
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5.	Fülöp Kinga-Erzsébet, Fülöp Árpád-Zoltán, 2023. THE PERFORMANCE MEASUREMENT OF WATER AND SEWERAGE OPERATORS IN ROMANIA THROUGH THE KEY PERFORMANCE INDEX, Journal of financial studies, 8(15), pp.106-118
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9.	Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet, THE ANALYSIS STRUCTURES THE COSTS AND THE RELATIONSHIP BETWEEN COSTS AND REVENUES IN THE SECTOR OF SEWERAGE AND WASTEWATER TREATMENT IN ROMANIA, Annals of the „Constantin Brâncuşi" University of Târgu Jiu, Economy Series, Special Issue, volume II/2017, pp. 188-196
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10.	Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet, Avram Boitos Camelia, THE ANALYSIS OF THE COSTS AND THE CORRELATION BETWEEN TARIFF AND COST IN THE SECTOR OF CLEAN WATER AND SEWERAGE IN ROMANIA, Annals of the University of Targu Jiu, Vol. 2017, No 4/2017, 2017, ISSN 2344-3685, pp. 179–185.
	Correia, T.D.S., 2024. Estrutura tarifária e custos no setor de saneamento: uma abordagem a partir da gestão da água e desempenho.
11.	Fülöp Árpád-Zoltán, Bakó Kinga-Erzsébet, APPLICATION OF ABC METHOD FROM AN OPERATOR OF WATER AND SEWERAGE, Vol. Economy Series, Special Issue, volume I /2016, No 1/2016, 2016, pp. 234–239.
	Arenhart, R.S., Mendes, A.A. and Pizzolato, M., 2020. Estimating the cost of calibration services using the TDABC costing method. Gepros: Gestão da Produção, Operações e Sistemas, 15(2), p.314.

K. Alte realizări semnificative.

Data, 14.09.2025.

Lista de lucrări în domeniul de studii universitare de licenţă Economie

Numele şi prenumele Madaras Szilárd

A. Teza de doctorat

Titlu: Studiul ocupării forţei de muncă în condiţiile integrării României în Uniunea Europeană. Studiu de caz: Regiunea Centru

Facultatea de Ştiinţe Economice şi Gestiunea Afacerilor, Şcoala Doctorală, Universitatea Babeş-Bolyai, Cluj-Napoca, România.

B. Cărti publicate

1. Madaras Szilárd (2020) Innováció menedzsment, Presa Universitară Clujeană, ISBN 978-606-37-0977-1

2. Madaras Szilárd (2022) Szakértői Rendszerek (Expert Systems - in Hungarian), Editura Risoprint, Cluj-Napoca ISBN: 987-973-53-2896-2, http://www.risoprint.ro/ebooks/szakertoi

B6. Capitole de cărţi publicate în ţară și în străinătate

1. Bíró Bíborka Eszter - Madaras Szilárd (2018) A deviza alapú kölcsönök helyzete Romániában. In Kiss Zoltán László et al. (2018) *Devizahitel? Tanulmányok, esszék, vitairatok a "speciális banki termékről"*. Budapest: Rejtjel Kiadó, pp. 333-350. ISBN 978-615-5737-02-2

2. Benedek József (Coord.) Bíró-Bíborka-Eszter, Madaras Szilárd: *România gazdasági szerkezete, (Capitol, p229-243 din cartea), România. Tér, gazdaság, társadalom*, Editura Institutului pentru Studierea Problemelor Minorităţilor Naţionale: Kriterion, Cluj – Napoca, 2011 ISBN 978-606-92744-6-0

3. Cseke P. (szerk.), Madaras Sz. (2009) „*A foglalkoztatási helyzet és fejlesztési lehetőségek Gyergyó kistérségben*”, -Capitolul, Kistérségek – nagy remények?, -(limba maghiară), Editura Komp-Press, Cluj Napoca, 2009, ISBN: 9789731960081, 2009

4. Fogarasi József, Bakucs Lajos Zoltán (Coord.) Madaras Szilárd, Szőcs Emese (2022): *Assessing the role of the agricultural sector in the Romanian economy applying input-output analysis*, in: Economic transformation and agri-rural economics. Essays in the honour of Mária Vincze, (Ed. Fogarasi József, Bakucs Lajos Zoltán, Center for Economic and Regional Studies, Institute of Economics, Eötvös Loránd Research Network, Budapest, 2022, pg. 109-120.

5. Nagy B. Zs. (szerk.), Madaras Sz. (2022) *A romániai Központi Régió foglalkoztatási helyzete, a 2020-as év kihívásainak tükrében*, (Capitol, p240-247 din cartea), Tiszteletkötet Vincze Mária professzor 80. Születésnapjára, Editura Top Invest, Odorheiu Secuiesc, 2022 ISBN 978-606-8775-73-9

6. Nagy B.(szerk.), Lázár Ede, Madaras Szilárd, *IT-adaptáció a romániai KKV-*

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C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Zoltán Bujdosó, János Pénzes, Szilárd Madaras, Lóránt Dávid, *The Spatial Pattern of KIBS and their Relations with the Territorial Development in Romania*, Amfiteatru Economic, Vol. 18, No 41, 2016, pp. 73–88.
2. Lázár, E., & Madaras, S. (2024). ERP adoption of SMEs in Romania: An IT innovation step or a business transactional necessity?. *Acta Oeconomica*, *74*(4), 557-574.
3. Madaras, S., & Sándor, Z. (2025). A Reassessment of Likelihood Approximation by Integration **on Sparse Grids.** ***Journal of Applied Econometrics, 40*****(2), 237-245.**

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior)

1. Vincze, Maria-Magdolna, Madaras, Szilard, Analysis Of The Romanian Agriculture In The Period Of Transition, Based On The National Accounts, *Bulletin of the Szent István University*, Special Issue, Part I, 2008
2. Györfy Lehel, Madaras Szilárd (2020) Influencing Factors of the Informal Investment in Central Europe, Economics and Business 34 (1), 78-91
3. Madaras Szilárd (2024) Deep Learning Algorithm Forecasting the Unemployment Rates in the Central European Countries, Economics and Business 38, 86-102

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

1. Madaras Szilárd (2006) *Gyergyó kistérség helyezetelemzése*, Közgazdász Fórum, Nr. 8/2006., Cluj-Napoca, ISSN 1582-1986
2. Madaras Szilárd (2008) *Az európai foglalkoztatáspolitika regionális vonatkozásai*, Közgazdász Fórum, Nr. 9/2008, Cluj-Napoca, ISSN 1582-1986
3. Madaras Szilárd (2009) *A munkanélküliségi helyzet elemzése Központi Régió megyéiben*, Közgazdász Fórum, Nr. 5/2009, Cluj-Napoca, ISSN 1582-1986
4. Madaras Szilárd (2014) *A gazdasági válság hatása a munkanélküliség alakulására országos és megyei szinten Romániában*, Közgazdász Fórum, Nr. 1-2/2014, Cluj-Napoca, ISSN 1582-1986
5. Bujdoso, Z., Pénzes, J., Madaras, S., David, L., (2015*), Analysis of the spatial trends of Romanian tourism between 2000-2012*, Geographia Technica, Vol. 10, Issue 2, 2015, pp. 9-19

6. Szilárd Madaras, Lehel Györfy, (2017) *Factors Influencing NUTS3 Level Regional Competitiveness in Center Region,* Romanian Journal of Regional Science, Vol. 2017, No Vol. 11, No.2, 2017, pp. 47–61.,

7. Szilárd Madaras, (2018) *Forecasting the regional unemployment rate based on the Box-Jenkinsmethodology vs. the Artificial Neural Network approach. Case study of Brasov and Harghita counties*, Forum on Economics and Business, Vol. 135, No 21, 2018, pp. 66–78.,

8. Szilárd Madaras, (2019) *The Spatial Differences of Employment between the Settlements of Harghita County*, Acta Universitatis Sapientiae European and Regional Studies, Vol. 15, No 2, 2019, pp.65–82.,

9. Lehel Györfy, Szilárd Madaras (2019) *The Influence of Self-Employment on Early-Stage Entrepreneurship in Romania. A Global Entrepreneurship Monitor-Based Analysis*, Acta Universitatis Sapientiae Economics and Business, Vol. 7, No 1, 2019, pp. 23–35.

10. Szilárd Madaras, Ottilia György (2020) *Factors Influencing SME Outsourcing: Evidence from Romania*, Acta Universitatis Sapientiae, Economics and Business 8 (1), 5-18

11. György O., Madaras Sz. (2020) *Corporate collaborations for small and medium-sized enterprises in Romania: Results of a national survey*, Forum on Economics and Business 23 (144), 3A-16

12. Madaras Sz., Györfy L. (2021) *Spatial Dimensions of Regional Innovativeness in Romania*, Acta Universitatis Sapientiae, European and Regional Studies 20 (1), 17-31

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1. Madaras Szilárd (2012) A regionális munkaerő-foglalkoztatás aktuális kérdései Romániában. Központi Régió – esettanulmány, *Múzeumi Füzetek*, 2012. 74. kötet, 2. füzet, Erdélyi Múzeum Egyesület, Cluj – Napoca, ISSN: 1453-0961 CNSIS: B.

2. Madaras Szilárd (2013) A turisztika ágazati helyzete a regionális gazdaságban. Hargita megyei esettanulmány, *Múzeumi Füzetek*, 3/2013, Erdélyi Múzeum Egyesület, Cluj – Napoca, ISSN: 1453-0961, CNSIS: B.

3. Madaras Szilárd (2014) Lemaradás, vagy felzárkózás? A gazdasági fejlődés aktuális kérdései Hargita megyében, *Múzeumi Füzetek*, 2014/4, Erdélyi Múzeum Egyesület, Cluj – Napoca, ISSN: 1453-0961, CNSIS: B.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

Madaras Szilárd (2007) The complex analysis of economical situation, and the development strategy for Gheorgheni Microregion, *The proceedings of International Conference Competitiveness and European integration*, October 26-27, 2007, Cluj-Napoca, ISBN-978-606-504-011-3

Madaras Szilárd (2007) The regional differences of occupation in Romania at level NUTS3, *Proceeding paper of The 7th International Symposium of The Romanian Regional Science Association „Territorial Cohesion, Growth, Convergence, Competitiveness* Baia Mare, June 12 – 13, 2009" The Romanian Regional Science Association and The North University of Baia Mare, Baia Mare, 2009 ISBN: 978-606-536-022-8

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Madaras Szilárd (2011) Regional unemployment and labour market inbalance. Harghita county case study, *Proceeding paper of „European Economic Recovery and Regional Structural Transformation" - The 8th International Conference; Romanian Regional Science Association*, Babeş-Bolyai University of Cluj-Napoca, Regional Development Agency North-West, Cluj-Napoca, June 24 – 25, 2011, ISBN: 978-973-53-0574-1, 2011

Madaras Szilárd (2014) New economical trends regarded to regional tourism in Harghita County, *Natura-Econ 4 International Conference, Environmental Dynamics under the Impact of Economic Trends – Realities and Perspectives*, 7 th March 2014, Sfântu Gheorghe, Romania Proceding Paper, ISSN 2359-9081, Editura Risoprint, 2014,

Madaras Szilárd (2014) New trends of regional employment in Romania, *11th Annual International Conference on Economics and Business, Global changes, local answers, Proceding Paper*, 16-17 May, 2014, Sapientia Hungarian University of Transylvania, ISBN 978-973-53-1287-9, Risoprint, Cluj-Napoca, 2014. CNSIS: B.

Madaras Szilard, New economical trends regarded to regional tourism in Harghita County. In: Natura-Econ 4 International Conference, Environmental Dynamics under the Impact of Economic Trends – Realities and Perspectives, 7 th March 2014, Sfântu Gheorghe, Romania Proceding Paper, Sfântu Gheorghe, Romania, Editura Risoprint, 2014 8.

Madaras Szilard, New trends of regional employment in Romania. In: 11th Annual International Conference on Economics and Business, Global changes, local answers, Proceding Paper, Cluj-Napoca (Kolozsvár), Editura Risoprint, 2014

Madaras Szilard, The impact of the economic crisis on the national and local labor employment. Romania and Harghita County case studies. In: , 12th Annual International Conference on Economics and Business CHALLENGES IN THE CARPATHIAN BASIN Value changes in a transforming economy, Csíkszereda - Sapientia EMTE, Editura Risoprint, 2015

Zoltán Bujdosó , Lóránt Dávid , Szilárd Madaras , János Pénzes , Alexandru Nedelea SPATIAL TRENDS, CHANGES AND ITS CONSEQUENCES IN TOURISM AFTER THE MILLENNIUM IN ROMANIA: TOWARDS SUSTAINABILITY?. In: Rodica Pamfilie, Vasile Dinu, Laurențiu Tăchiciu (szerk.): BASIQ 2015 INTERNATIONAL CONFERENCE NEW TRENDS IN SUSTAINABLE BUSINESS AND CONSUMPTION PROCEEDINGS PAPERS, Bucuresti, Editura ASE, 2015

Szilárd Madaras, The tourism demand analysis based on ARIMA model. The case study of the Romanian Center Region. In: Csata Andrea Et Al (szerk.): Chalenges in the Carpathian Basin, Integration and modernization opportunities on the edge of Europe, MIercurea Ciuc, Risopoint, 2016, ISBN 978-973-53-1855-0

Bíró Bíborka Eszter, Szilárd Madaras, The swiss franc-based loans between 2015 and 2018 in Romania. In: Andrea Csata (Ed.): Challenges in the Carpatian Basin. Innovation and technology in the knowledge based economy. 14 th Annual International Conference on Economics and Business. Proceedings paper, Cluj-Napoca, Editura Risoprint, 2018, pp. 39–47., ISBN 978-973-53-2249-6

Szilárd Madaras, Neuron Network forecasting the number of unemployees. Gheorgheni Microregion case study. In: Andrea Csata (szerk.): Challenges in the Carpatian Basin. Innovation and technology in the knowledge based economy, Cluj-Napoca, Editura Risoprint, 2018, pp. 342–348., ISBN 978-973-53-2249-6

K. Participări la conferinţe naţionale şi internaţionale

Titlul prezentării: The complex analysis of economical situation, and the development strategy for Gheorgheni Microregion
Conferinţa: Competitiveness and European Integration, International Conference
Locul şi data: Cluj-Napoca, 26-27 October 2007,

Titlul prezentării: Analysis of the Romanian agriculture in the period of transition, based on the national accounts
Conferinţa: Tradition and Innovation, International Conference
Locul şi data: Gödöllő, Ungaria, 3-5 Dec., 2007

Titlul prezentării: The regional differences of occupation in Romania at level NUTS3
Conferinţa: The 7th International Symposium of The Romanian Regional Science Association „Territorial Cohesion, Growth, Convergence, Competitiveness
Locul şi data: Baia Mare, 12-13 Iun., 2009

Titlul prezentării: Aktuális trendek Brassó és Hargita megyék munkaerőpiacán
Conferinţa: Conferinţa RODOSZ
Locul şi data: Cluj-Napoca, 13-15 Noi., 2009

Titlul prezentării: A jövedelmi különbségek elemzése Központi Régió megyéiben
Conferinţa: EME Konferencia - A Magyar Tudomány Napja Erdélyben
Locul şi data: 20-21 Noi., 2009, Cluj-Napoca

Titlul prezentării: A munkaerő-foglalkoztatás regionális vonatkozásai Romániában
Conferinţa: EME Konferencia - A Magyar Tudomány Napja Erdélyben
Locul şi data: 20-21 Noi., 2010, Cluj-Napoca

Titlul prezentării: Regional unemployment and labour market inbalance. Harghita county case study
Conferinţa: European Economic Recovery and Regional Structural Transformation
Locul şi data: Cluj-Napoca, Jun., 24 – 25, 2011

Titlul prezentării: Vidéki munkaerő-foglalkoztatás és munkanélküliség. Hargita megyei esettanulmány
Conferinţa: Vállalkozói és gazdasági trendek a Kárpát-medencében
Locul şi data: Miercurea Ciuc, 20-22 Apr, 2012

Titlul prezentării: Impact of the economic crisis in the unemployment changes. Romanian regional case study
Conferinţa: International Conference on Economics and Business Management
Locul şi data: Cluj Napoca, 23 Nov. 2013

Titlul prezentării: New economical trends regarded to regional tourism in Harghita
Conferinţa: , Natura-Econ 4 International Conference, Environmental Dynamics under the Impact of Economic Trends – Realities and Perspectives
Locul şi data: Sfântu Gheorghe, 7 th March 2014,

Titlul prezentării: New trends of regional employment in Romania
Conferinţa: 11th Annual International Conference on Economics and Business, Global changes, local answers
Locul şi data: Miercurea Ciuc, 16-17 May, 2014

Data **Madaras Szilárd**
18 septembrie 2025

Universitatea Sapientia
Facultatea de Științe Economice, Socio-Umana și Inginerești, Miercurea Ciuc
Catedra de Științe Sociale
dr. Sólyom Andrea

L I S T A
lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Székelyudvarhelyi középiskolások és kolozsvári egyetemisták politikai kultúrája (Cultura politică a liceenilor din Odorheiu Secuiesc și a studenților din Cluj), Szabó Ildikó, Universitatea Eötvös Loránd, Budapesta, cum laude, 2012,

http://campuslet.unideb.hu/dokumentumok/solyom_phd_2o11aprilis.pdf

B. Cărţi si capitole în cărţi publicate în ultimii 10 ani

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate

Sólyom Andrea: Erdélyi fiatalok politikai kultúrájáról, GlobeEdit, Beau Bassin, 2018, ISBN: 978-613-8-24450-9, 300 p.

B5. Capitole de cărţi publicate în străinătate

1. **Sólyom Andrea:** Előítéletek rendszere a Magyarországgal szomszédos területeken élő magyar nemzetiségű 15−29 éves fiatalok körében (Sistemul de prejudecăți în rândul tinerilor maghiari cu vârste cuprinse între 15-29 de ani care locuiesc în zone învecinate Ungariei), in: Papp Z. Attila (coord.): Változó kisebbség (Minoritate schimbătoare), Mathias Corvinus Collegium – Tihanyi Alapítvány, MTA Kisebbségkutató Intézet, 2017, ISBN 978-615-80718-3-3, p. 291-340.

B6. Capitole de cărţi publicate în ţară

1. **Sólyom Andrea:** Nagyragadozók a médiában. Sajtóelemzés (Carnivorele mari în mass-media. Analiză de presă), in: Bakó Rozália Klára – Nistor Laura (coord.): Kötődések. Helyi közösségek egy globalizálódó világban (Legături. Comunitățile locale într-o lume în curs de globalizare), Editura Scientia, 2023, p. 51-94.
2. **Sólyom Andrea**: Meg lennének számlálva a (magas)kultúrafogyasztás napjai a járványhelyzetet követő évben? (Ar fi zilele consumului de cultură (înaltă) numărate în anul următor epidemiei?) in: Kósa István – Székely Kinga (coord.): Kommunikáló közösségek (Comunități comunicative), Presa Universitară Clujeană, 2021 (publicat în 2023), p. 115-129.

3. **Sólyom Andrea:** Szakpolitikai ajánlások a sepsiszentgyörgyi fiatalok transznacionális migrációját illetően (Recomandări politice privind migrația transnațională a tinerilor din Sfântu Gheorghe), in: Nistor Laura – **Sólyom Andrea** (coord.): Szakmák és hálók. Tanulmányok a humánerőforrás témaköreiből (Profesii și rețele. Studii în domeniul resurselor umane), Editura T3 – Erdélyi Múzeum-Egyesület, 2019, ISBN 978-973-1962-81-8, 978-606-739-126-8, p. 92-111.

4. **Sólyom Andrea**: A székelyudvarhelyi városnapokról (Despre zilele orașului Odorheiu Secuiesc), in: Bodó Barna (coord.): Erdélyi magyar civil évkönyv 2015 (Anuarul Civic Maghiar din Transilvania 2015), Erdélyi Múzeum-Egyesület, Cluj, 2016, ISSN 2360-1140, p. 124-133.

5. **Sólyom Andrea** – Veres Valér: Az erdélyi szociológia eredményeinek szintézise (2002–2013) (Sinteza rezultatelor sociologiei transilvănene (2002-2013)), in: Péntek János – Salat Levente – Szikszai Mária (coord.): Magyar tudományosság Romániában 2002–2013 között (Știința maghiară în România 2002-2013), Vol. II. , Editura Ábel , 2015, ISBN 978-973-114-202-9, p. 177-280.

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. Salvatori, Valeria, Balian, Estelle, Blanco, Juan Carlos, Carbonell, Xavier, Ciucci, Paolo, Demeter, László, Marino, Agnese, Panzavolta, **Andrea, Sólyom**, von Korff, Yorck, Young, Juliette Claire: Are Large Carnivores the real issue? Proposed solutions for improving conflict management through stakeholders participatory processes in rural areas, Sustainability, 2021, 13, 4482. p. 1-23., (IF 3,889)
2. Kósa István, Bálint Blanka, Ambrus Zoltán, **Sólyom Andrea**, Zsigmond Csilla-Dalma: Headlines Readers' Avoidance Attitude Towards Visual Material? Effects of the Camcorder Symbol on Selective Exposure to Headlines, KOME, 2020, ISSN 2063-7330, DOI: 10.17646/KOME.75672.48. (IF 1,11)

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

1. **Sólyom Andrea:** Túraútvonalak az empíria ösvényein (Drumuri pe potecile empiriei), *Erdélyi Társadalom* 2025/1, p. 197-200. DOI: 10.17177 /77171.316
2. **Sólyom Andrea:** Egyensúlyozás a fenti és lenti társadalom között a szocialista Romániában (Echilibrare între societatea de sus și de jos în România socialistă), *Szociológiai Szemle* 2025/2, p. 2-8. https://doi.org/10.51624/SzocSzemle.17226
3. **Sólyom Andrea** – Bálint Gyöngyvér – Telegdy Balázs: Szabadidőeltöltés – kultúrafogyasztás – médiahasználat Sepsiszentgyörgyön a koronavírus idején (Timpul liber - consumul cultural - utilizarea mass-media în Sfântu Gheorghe în timpul coronavirusului), *Régió* 2022/1, p. 111-148., baze de date: Ceeol.
4. **Sólyom Andrea:** „Tipikus" sepsiszentgyörgyi migránséletutak (Biografii „tipice" ale migranților din Sfântu Gheorghe), *Erdélyi Társadalom* 2020/2, Presa Universitară Clujeană, ISSN 1583-6347, p. 51-74., baze de date: Ceeol, Gesis, ProQuest, DataCite.
5. **Sólyom Andrea:** About the system of prejudices among the Hungarian youth in Romania, Slovakia, Serbia, and Ukraine, Acta Universitatis Sapientiae, *Social Analysis* 2020 (10), ISSN 2248-0854, p. 27-55., baze de date: Ulrich's Web Global Serials Directory, Index Copernicus International, SCIPIO Scientific Publishing & Information Online, DOAJ.
6. **Sólyom Andrea:** Strenghtening connections between young migrants and the sending local society: policy recommendations, Acta Universitatis Sapientiae, *Communicatio* 2018 (5), ISSN 2393-0438, p. 27-48., baze de date: Baidu Scholar, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC, Dimensions, EBSCO Discovery Service, Google Scholar, J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Naviga

(Softweco), Primo Central (ExLibris), ReadCube, Summon (Serials Solutions/ProQuest), TDNet, WanFang Data, WorldCat (OCLC)

7. **Sólyom Andrea:** Community-supported agriculture as an alternative way of enhancing local economy, Acta Universitatis Sapientiae, *Social Analysis* 2016/2, ISSN 2248-0854, p. 39-64., baze de date: Ulrich's Web Global Serials Directory, Index Copernicus International, SCIPIO Scientific Publishing & Information Online, DOAJ.

8. **Sólyom Andrea:** Fiatalok jövőstratégiáiról (Despre strategiile de viitor ale tinerilor), *Erdélyi Társadalom* 2015/2, Presa Universitară Clujeană, ISSN 1583-6347, p. 211-228., baze de date: Ceeol, Gesis, ProQuest, DataCite.

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior)

1. **Sólyom Andrea:** Erdélyi szociológiai műhelyekhez kapcsolódó folyóiratok (2002-2012) (Reviste legate de atelierele sociologice transilvănene (2002-2012)), *Pro Minoritate,* 2015/1, ISSN 1216-9927, p. 48-59.

D. Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi (neindexate)

D1. Reviste

1. **Sólyom Andrea**: Transnational Youth Migration in Sfântu Gheorghe: processes, effects and policy challenges. Local status quo analysis developed within the project 'YOUMIG - Improving institutional capacities and fostering cooperation to tackle the impacts of transnational youth migration'. *Reconect Working Papers*, 10 (33): 1-87., 2020, ISSN: 2066 – 2556
2. **Sólyom Andrea**, Telegdy Balázs: Raport privind nivelul de cunoaștere a siturilor și a problematicii protecției naturii în rândul persoanelor prezente la evenimentele de informare. Analiză comparativă despre sondajul ex ante și ex post, *Reconect Working Papers*, 10 (29): 1-19., 2020, ISSN: 2066 – 2556
3. **Sólyom Andrea**: Raport privind cadrul/configurațiile atitudinale ale comunităților locale față de siturile Natura 2000 Munții Ciucului ROSCI0323 și Depresiunea și Munții Ciucului – ROSPA0034, *Reconect Working Papers*, 10 (30): 1-30., 2020, ISSN: 2066 – 2556
4. **Sólyom Andrea**, Telegdy Balázs: Cunoștințele, opiniile și sugestiile populației despre siturile Natura 2000 Munții Ciucului - ROSCI0323 și Depresiunea și Munții Ciucului - ROSPA0034, *Reconect Working Papers*, 10 (31): 1-49., 2020, ISSN: 2066 – 2556
5. **Sólyom Andrea**, Telegdy Balázs: A székelyföldi erdőgazdálkodás jelene és jövője (Prezentul și viitorul silviculturii în Ținutul Secuiesc), *Reconect Working Papers*, 9 (28): 1-39. 2019., ISSN: 2066 – 2556
6. **Sólyom Andrea**, Telegdy Balázs: A jenőfalvi húsfeldolgozó és a felcsíki szövetkezet létrehozásának/ gondolatának fogadtatása a felcsíki állattartók körében (Primirea ideii de înființare a fabricii de prelucrare a cărnii din Cârța și a cooperativei din Ciucul de Sus de către crescătorii de animale din Ciucul de Sus), *Reconect Working Papers*, 9 (26): 1-46. 2019., ISSN: 2066 – 2556
7. **Sólyom Andrea**, Telegdy Balázs: Cercetare sociologică în cadrul proiectului Conștientizarea actorilor din sectorul agricol asupra avantajelor cooperării și înființarea unei cooperări în comuna Cârța, *Reconect Working Papers*, 9 (27): 1-47. 2019., ISSN: 2066 – 2556

8.Telegdy Balázs, **Sólyom Andrea**: Sondaj de opinie publică în comuna Siculeni. *Reconect Working Papers*, 8 (24): 1-55. 2018., ISSN: 2066 – 2556

9. Telegdy Balázs, Bálint Gyöngyvér, **Sólyom Andrea**: A Kovászna megyei középiskolás diákok értékorientációja és az Európai Unióval szembeni attitűdjük (Atitudinile față de UE și orientările valorice ale liceenilor din județul Covasna). *Reconect Working Papers*, 8 (23): 1-34. 2018., ISSN: 2066 – 2556

10. Telegdy Balázs, Bálint Gyöngyvér, **Sólyom Andrea**: Atitudinile față de UE și orientările valorice ale liceenilor din județul Covasna. Raport de cercetare. *Reconect Working Papers*, 8 (22): 1-67. 2018., ISSN: 2066 – 2556

11. **Sólyom Andrea**, Bálint Gyöngyvér: On the brink of graduation. Research report. *Reconect Working Papers*, 8 (21): 1-56. 2018., ISSN: 2066 – 2556

12. **Sólyom Andrea**, Bálint Gyöngyvér: În pragul absolvirii. Anchetă sociologică în rândul absolvenților liceelor din Sfântu Gheorghe. *Reconect Working Papers*, 8 (20): 1-49. 2018., ISSN: 2066 – 2556

13. **Sólyom Andrea**, Bálint Gyöngyvér, Telegdy Balázs: Turisztikai potenciál a Bogát Régióban. (Potențial turistic în regiunea Bogát). *Reconect Working Papers*, 8 (19): 1-80. 2018., ISSN: 2066 – 2556

14. **Sólyom Andrea**, Bálint Gyöngyvér, Telegdy Balázs: Turisztikai potenciál a felcsíki térségben. (Potențial turistic în regiunea Felcsík). *Reconect Working Papers*, 8 (18): 1-104. 2018., ISSN: 2066 – 2556

15. Bálint Gyöngyvér, **Sólyom Andrea**, Zsigmond Csilla: Studiu sociologic pentru realizarea PUG-ului orasului Borsec. *Reconect Working Papers*, 8 (16): 1-36. 2018., ISSN: 2066 – 2556

16. **Sólyom Andrea**, András Lóránd: Analiza preliminară a comunității marginalizate cu populație romă din Cartierul Ciucului, Municipiul Sfântu Gheorghe. *Reconect Working Papers*, 7 (15): 1-69. 2017., ISSN: 2066 – 2556

17. **Sólyom Andrea**: Romániai magyar tudományos műhelyek helyzete 1989 után (Situația atelierelor științifice maghiare din România după 1989). *Reconect Working Papers*, 7 (14): 1-16. 2017., ISSN: 2066 – 2556

18. **Sólyom Andrea**: A székelyudvarhelyi piac jelene és jövője (Prezentul și viitorul pieței din Odorheiu Secuiesc). *Reconect Working Papers*, 6 (13): 1-38. 2016., ISSN: 2066 – 2556

D2. Volume de conferințe

1. **Sólyom Andrea:** ”Typical” biographies of young migrants from Sepsiszentgyörgy, in: „*Térerő – erőtér”*. Tanulmányok a Kárpát-medencei Geopolitikai konferencia előadásaiból („Spațiul - câmp de forță”. Studii din prezentările Conferinței Geopolitice a Bazinului Carpatic), Antalik Imre (coord.), Selye János Egyetem, 2019, ISBN: 978-80-8122-336-5, pp. 166-174.

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