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Gradul didactic: Conferențiar  
Instituția unde este titular: USVT  
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## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A. Teza de doctorat/Teză de abilitare

1. **Cercetări privind activitatea antioxidantă a extractelor de propolis din zona de Vest a României**, conducător științific: Prof. Dr. Ing. Ionel JIANU, susținută public în data de 24.11. 2006, doctor în domeniul Horticultură, în baza Ordinului Ministerului Educației și Cercetării nr. 632 din 21.03.2007, specializarea Tehnologia produselor agroalimentare, în conformitate cu Ordinul Ministrului nr. 4890/1999, confirmat titlul de doctor cu Diploma Seria E, Nr. 0003436,/Nr. 61 din 23.05.2007.

#### B. Cărți și capitole în cărți publicate în ultimii 10 ani (2013-2022)

1. **Hegheduș-Mîndru R.C.** – *Purtători materiali naturali de principii bioactive*, Editura Agroprint Timișoara, ISBN 978-606-8037-81-3, 2015
2. **Hegheduș-Mîndru R.C.** – *Îndrumător de laborator - Tehnologii generale în industria alimentară*, Editura Agroprint Timișoara, ISBN 978-606-8037-82-0, 2015

#### C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2013-2022)

##### C.1. Lucrări indexate ISI (cu factor de impact) - pentru toată activitatea

1. Vică, M.L.; Glevitzky, M.; **Hegheduș-Mîndru, R.C.**; Glevitzky, I.; Matei, H.V.; Balici, S.; Popa, M.; Teodoru, C.A. Potential Effects of Romanian Propolis Extracts Against Pathogen Strains. *Int. J. Environ. Res. Public Health* **2022**, *19*, 2640. <https://doi.org/10.3390/ijerph19052640> IF = 4.614;
2. Mihaela Laura Vică, Mirel Glevitzky, Delia Mirela Tit, Tapan Behl, **Ramona Cristina Hegheduș-Mîndru**, Dana Carmen Zaha, Francesca Ursu, Maria Popa, Ioana Glevitzky, Simona Bungău, The antimicrobial activity of honey and propolis extracts from the central region of Romania, *Food Bioscience*, Volume 41, June **2021**, 101014, <https://doi.org/10.1016/j.fbio.2021.101014>, IF = 5,318;
3. **Hegheduș Mîndru R.C.**, Hegheduș-Mîndru G., Negrea P., Șumălan R., Negrea A., Ștef D., **2014**, *The monitoring of mineral elements content in fruit purchased in supermarkets and food markets from Timisoara*, Romania, *Annals of Agricultural and Environmental Medicine*, 21(1), 98-105, Print ISSN:1232-1966; Online ISSN: 1898-2263 FI: 1,126;
4. 1. Hegheduș-Mîndru Gabriel, **Biron Ramona Cristina**, Perju Delia Maria, Rusnac Lucian Mircea, Riviș Adrian, Ștef Ducu, *Cations content in the natural mineral waters of Romania with the HPIC method*, *Journal of Food, Agriculture & Environment – JFAE*, Vol 6. (3 & 4), **2008**, Print ISSN: 1459-0255, Online ISSN: 1459-0263, pag 506-509;

5. Ștef Ducu Sandu, Ștef Lavinia, Drugă Mărioara, Hegheduș-Mîndru Gabriel, **Biron Ramona Cristina**, *Telemea cheese quality from Banat region*, Journal of Food, Agriculture & Environment – JFAE, Vol 7 (1), **2009**, Print ISSN: 1459-0255, Online ISSN: 1459-0263; pag 24-26;
6. Ștef Ducu Sandu, Gergen Iosif., Trașcă Teodor Ioan, Monica Hărmănescu, Ștef Lavinia, **Biron Ramona Cristina**, Hegheduș-Mîndru Gabriel. - *Total antioxidant and radical scavenging capacities for different medicinal herbs* Romanian Biotechnological Letters Vol. 14, No. 5, **2009**, pag. 4705-4710;
7. Ștef Ducu Sandu, Gergen Iosif., Trașcă Teodor Ioan, Ștef Lavinia, Cecilia Pop, Hărmănescu Monica, **Biron Ramona Cristina**, Peț Elena, - *Evaluation of 33 medicinal plant extracts for the antioxidant capacity and total phenols*, Journal of Food, Agriculture & Environment – JFAE, Vol 8 (3 & 4), **2010**, Online ISSN: 1459-0263, pag 207-210

### C.3. Lucrări științifice publicate Indexate BDI în ultimii 10 ani (2013-2022)

1. **Ramona Cristina Hegheduș-Mîndru**, Natașa Adelina Mărăcine, Gabriel-Hegheduș Mîndru, *Comparative studies on quality indicators for plain and fruit yogurt*, [Journal of Agroalimentary Processes and Technologies](#), Volume 27, Issue 3; Pages: 357-362; **2021**, ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint; ISSN (online): 2068-9551;
2. Gabriel Hegheduș - Mîndru, Ancuța Gentea, **Ramona Cristina Hegheduș – Mîndru**, *Comparative studies on quality indicators of some types of sausages*, [Journal of Agroalimentary Processes and Technologies](#), Volume 27, Issue 3; Pages: 367-370; **2021**. ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint; ISSN (online): 2068-9551;
3. Gabriel Hegheduș - Mîndru, Teodor Ioan Trașcă , Bogdan Rădoi Petru , Alexandru Erne Rinovetz , Ducu Sandu Ștef , Delia Maria Perju, Ioan Emeric Köles, **Ramona Cristina Hegheduș – Mîndru**, A review: Iron remove from natural mineral water, *Journal of Agroalimentary Processes and Technologies* **2021**, 27(4), 416-423;
4. Ducu-Sandu Ștef, Adrian Riviș, Ioan-Teodor Trașcă, Nicoleta Hădărugă, Cecilia Pop, **Ramona Hegheduș -Mîndru**, Delia Dumbravă, Mărioara Drugă, Gabriel Bujancă, Alexandru Rinovetz, Lavinia Ștef, *Quality and food total quality: A Mini Review*, *Journal of Agroalimentary Processes and Technologies* **2021**, 27(4), 432-436
5. **Ramona Cristina Hegheduș – Mîndru**, Ducu Sandu Ștef, Diana Veronica Dogaru, Gabriel Hegheduș – Mîndru, A Review. Processing, conditioning and evaluation of physicochemical indicators of bee honey, *Journal of Agroalimentary Processes and Technologies* **2021**, 27(4-Supplement), 530-535
6. **Heghedus Mindru R.C.**, Heghedus Mindru G., Ștef D.S., Dogaru D.V., Cazacu M., **2018**, *Assessing physicochemical of ecological cheese produced in Maramures, Romania*, 18<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2018, Section Advances in Biotechnology, 43-50
7. Heghedus Mindru G., **Heghedus Mindru R.C.**, Trasca T.I., Ștef D.S., Radoi B.P., **2018**, *Assessing physicochemical some types of beer produced in Romania*, 18<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2018, Section Advances in Biotechnology, 51-57
8. Ștef D.S., Kovacs C., Alexa E.C., Riviș A., Ștef L., Heghedus-Mindru G., Cocan I., **Heghedus-Mindru R.**, Bujanca G., Cazacu M., **2019**, *The assesment of iron effects on*

- sensorial and physical-chemical characteristics bread*, Research People and Actual Tasks on Multidisciplinary Sciences – Proceedings of the Sixth International Conference, ISSN 1313-7735, Vol. 1, Lozenec, Bulgaria
9. **Hegheduș-Mîndru R.C.**, Hegheduș-Mîndru G., Ștef D.S., **2015**, *Identification of quercetin and rutin from propolis ethanolic extract (EEP) of Timis county*, Scientific Papers: Animal Science and Biotechnologies, 48(1), 123-127
  10. **Hegheduș-Mîndru R.C.**, **2015**, *The content in macroelements (Na, K, Ca and Mg) of some vegetables collected from Rachita locality, Timis county*, Journal of Horticulture, Forestry and Biotechnology, 19(2), 113-118
  11. **Hegheduș-Mîndru R.C.**, Hegheduș-Mîndru G., Negrea P., Șumălan R.L., Ștef D.S., **2015**, *The content in macroelements (Na, K, Ca and Mg) of some fruits collected from Rachita locality, Timis county*, Journal of Horticulture, Forestry and Biotechnology, 19(2), 119-124
  12. **Hegheduș-Mîndru R.C.**, Hegheduș-Mîndru G., Cazacu M., Riviș A., Rusnac L.M., **2015**, *PCA multivariate analysis for concentration in macro and microelements in mineral water samples collected from the western, central and northern Romania*, Journal of Agroalimentary Processes and Technologies 21(1), 88-94, ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint; ISSN (online): 2068-9551
  13. Hegheduș-Mîndru G., **Hegheduș-Mîndru R.C.**, Ștef D.S., Trașcă T.I., Rusnac L.M., **2015**, *PCA multivariate analysis for concentration in anions and cations of mineral water samples collected from the western, central and northern Romania*, Journal of Agroalimentary Processes and Technologies 21(1), 102-106, ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint; ISSN (online): 2068-9551
  14. **Hegheduș-Mîndru R.C.**, Hegheduș-Mîndru G., **2015**, *Identification of some components determined by HPLC in propolis ethanolic extract (EEP) from Margina locality, Romania*, 5th International Conference "Research People and Actual Tasks on Multidisciplinary Sciences" 24 – 28 June, Lozenec, Bulgaria, ISSN 1313–7735, 56-59
  15. Hegheduș-Mîndru G., **Hegheduș-Mîndru R.C.**, **2015**, *Identification of some components determined by HPLC in propolis ethanolic extract (EEP) from Caras-Severin county, Romania*, 5th International Conference "Research People and Actual Tasks on Multidisciplinary Sciences" 24 – 28 June (2), Lozenec, Bulgaria, ISSN 1313 – 7735, 51-55
  16. Ștef D.S., Siminic I., Trașcă T.I., Riviș A., Ștef L., **Hegheduș-Mîndru R.C.**, Cazacu M., **2015**, *The assessment of quality characteristics of some kind salami Victoria from Banat Market*, 5th International Conference "Research People and Actual Tasks on Multidisciplinary Sciences" 24 – 28 June (2), Lozenec, Bulgaria, ISSN 1313 – 7735, 70-74
  17. Cazacu M., Ignat D., Riviș A., Jianu C., **Hegheduș-Mîndru R.C.**, Bujancă G., Ștef D.S., **2015**, *Survey the quality of ice creams from supermarkets*, 5th International Conference "Research People and Actual Tasks on Multidisciplinary Sciences" 24 – 28 June (2), Lozenec, Bulgaria, ISSN 1313 – 7735, 65-69
  18. Cazacu M., Jianu C., Riviș A., Hegheduș-Mîndru G., **Hegheduș-Mîndru R.C.**, Ștef D.S., Bujancă G., **2014**, *Researches regarding contamination of soil with pesticides and their remanence*, Journal of Agroalimentary Processes and Technologies 20(4), ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint; ISSN (online): 2068-9551, 351-353
  19. **Hegheduș Mîndru R.C.**, Hegheduș-Mîndru G., Negrea P., Șumălan R.L., Trașcă T.I., Riviș A., Ștef S.D., Rusnac L.M., **2013**, *Determination of some anions concentration in*

- mineral waters from north region of Romania, by high performance ion chromatography (HPIC), 4<sup>rd</sup> International Conference, "Research People and Actual Tasks on Multidisciplinary Sciences", Lozenec, Bulgaria 16 June Vol 2, Lozenec, Bulgaria, ISSN 1313 – 7735, 50-55*
20. Hegheduș-Mîndru G., **Hegheduș-Mîndru R.C.**, Negrea P., Șumălan R.L., Trașcă T.I., Riviș A., Ștef D.S., Rusnac L.M., **2013**, *Determination of some anions concentration in mineral waters from west region of Romania, by high performance ion chromatography (HPIC), 4<sup>rd</sup> International Conference, "Research People and Actual Tasks on Multidisciplinary Sciences", Lozenec, Bulgaria, 12-16 June (2), 56-61, Lozenec, Bulgaria, ISSN 1313-7735*
21. Hegheduș-Mîndru G., **Hegheduș-Mîndru R.C.**, Negrea P., Șumălan R.L., Trașcă T.I., Riviș A., Ștef D.S., Rusnac L.M., **2013**, *Determination of some anions concentration in mineral waters from centre region of Romania, by high performance ion chromatography (HPIC), 4<sup>rd</sup> International Conference, "Research People and Actual Tasks on Multidisciplinary Sciences", Lozenec, Bulgaria, 12– 16 June, (2), 62-66, Lozenec, Bulgaria, ISSN 1313 – 7735*
22. Hegheduș-Mîndru G., **Hegheduș-Mîndru R.C.**, Negrea P., Șumălan R.L., Trașcă T.I., Negrea A., Riviș A., Ștef D.S., **2013**, *The comparisons about macro elements content in vegetables collected from the Gotlob locality of Timis county*, Journal of Agroalimentary Processes and Technologies 19(2), 160-166, ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint; ISSN (online): 2068-9551
23. Hegheduș-Mîndru G., **Hegheduș-Mîndru R.C.**, Negrea P., Șumălan R.L., Trașcă T.I., Negrea A., Riviș A., Ștef D.S., **2013**, *The comparisons about macro elements content in fruits collected from the Gotlob locality of Timis county*, Journal of Agroalimentary Processes and Technologies 19(3), 348-354, ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint, ISSN (online): 2068-9551
24. Ștef D.S., **Hegheduș Mîndru R.C.**, Ștef L., Hegheduș-Mîndru G., Cazacu M., Bujancă G., Berbentea F., **2013**, *The evaluation of food quality by using different methods*, 4<sup>rd</sup> International Conference, „Research People and Actual Tasks on Multidisciplinary Sciences”, Lozenec, Bulgaria, 12 - 16 June Vol 2, Lozenec, Bulgaria, ISSN 1313-7735, 16-20
25. Ștef D.S., Gergen I., Trașcă T.I., Riviș A., Ștef L., **Hegheduș Mîndru R.C.**, **2013**, *The assesment of antioxidant capacity of medicinal herbs in low pH conditions*, 4<sup>rd</sup> International Conference „Research People and Actual Tasks on Multidisciplinary Sciences”, Lozenec, Bulgaria 12 - 16 June, (2), 11-15, Lozenec, Bulgaria, ISSN 1313 – 7735

**D. Lucrări publicate în ultimii 10 ani (2013-2022) în reviste și volume de conferințe cu referenți (neindexate)**

**D2. Selecție cu maximum 20 lucrări în volume de conferințe**

1. **Hegheduș-Mîndru Gabriel**, Hegheduș-Mîndru Ramona Cristina, Negrea Petru, Ștef, Ducu Sandu, Radu Liviu Șumălan, Lucian Mircea Rusnac, *Quantitative determination by atomic absorption spectrometry for micro elements of mineral waters from Romania*, 12th



Wellmann International Scientific Conference entitled “New Directions in Agriculture and Rural Development”Szeged, Ungaria, Review on Agriculture and Rural Development **2013**, vol. 2. (1) ISSN 2063-4803, pag 245 – 251;

- 2. Heghedűş-Mîndru Gabriel**, Heghedűş-Mîndru Ramona Cristina, Negrea Petru, Ştef Ducu Sandu, Şumălan Radu Liviu, Rusnac Lucian Mircea, *Quantitative determination by atomic absorption spectrometry for macro elements of mineral waters from Romania*, 12th Wellmann International Scientific Conference entitled “New Directions in Agriculture and Rural Development”Szeged, Ungaria, Review on Agriculture and Rural Development **2013**. vol. 2. (1) ISSN 2063-4803, pag 239 – 244.

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Semnătura: