

Lista de lucrări în domeniul de știință

NUMELE ȘI PRENUMELE: TONK SZENDE ÁGNES

I. LISTA PUBLICAȚIILOR RELEVANTE

1. I. Haddidi, N. H. Duc, **Sz. Tonk**, E. Rápó, K. Posta, Defense enzymes in mycorrhizal tomato plants exposed to combined drought and heat stresses. *Agronomy* - MDPI, 2020, 10, 1657. DOI: 10.3390/agronomy10111657, IF₂₀₂₀: 2.603, Q1
2. Rápó, E.; Posta, K.; Csavdári, A.; Vincze, B.É.; Mara, G.; Kovács, G.; Haddidi, I.; **Tonk, Sz.***, Performance Comparison of *Eichhornia crassipes* and *Salvinia natans* on Azo-Dye (Eriochrome Black T) Phytoremediation. *Crystals* - MDPI, 2020, 10, 565. DOI: 10.3390/cryst10070565, IF₂₀₁₉: 2.404, Q2
3. B. P. Csicsó, **Sz. Tonk**, A. Szabó, Zs. Márton, F. T. Bogdányi, F. Tóth, É. Abod, J. Bálint, A. Balog, Effectiveness of the entomopathogenic fungal species *Metarhizium anisopliae* strain NCAIM 362 treatments against soil inhabiting *Melolontha melolontha* larvae in sweet potato (*Ipomoea batatas* L.). *Journal of Fungi* - MDPI, 6(3):116, 2020. DOI: 10.3390/jof6030116, IF₂₀₁₉: 4.621, Q1
4. E. Rápó, L. E. Aradi, Á. Szabó, K. Posta, R. Szép and **Sz. Tonk***, Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent. *Scientific Reports*, 10, Article number: 8385 (2020), DOI: 10.1038/s41598-020-65334-0, IF₂₀₁₉: 3.998, D1
5. E. Rápó, K. Posta, M. Suciú, R. Szép, **Sz. Tonk***, Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions Using Calcined Eggshell as Biosorbent. *Acta Chimica Slovenica*, 2019, 66, 648-658, DOI: 10.17344/acsi.2019.5079, IF_{2018/2019}: 1.076 Q3
6. O. Hegedűs, K. Szarka, A. Hegedűsová, Zs. Gódnány, M. Šlosár, A-C. Nechifor and **Sz. Tonk***, Validation and quality assurance of ascorbic acid determination in agricultural products. *Revista de Chimie*, 2019, Vol., 70, No. 7, 2307-2317. DOI: 10.37358/RC.19.7.7329, IF_{2018/2019}: 1.755 Q3
7. E. Rápó, R. Szép, Á. Keresztesi, M. Suciú, **Sz. Tonk***, Adsorptive Removal of Cationic and Anionic Dyes from Aqueous Solutions by Using Eggshell Household Waste as Biosorbent. *Acta Chimica Slovenica*, 2018, Vol., 65., No. 3, 709–717. DOI: 10.17344/acsi.2018.4401, IF_{2018/2019}: 1.076 Q3
8. **Szende T.***, Cornelia M., Robert Sz., Maria S., Eszter R. and Boldizsár N., Biosorption of Cd(II) ions from aqueous solution by eggshell waste. Kinetic and equilibrium isotherm studies. *Revista de Chimie*, 2017, Vol. 68. No. 9., 1951-1958. DOI: 10.37358/RC.17.9.5800, IF₂₀₁₇: 1.412 Q3
9. Alexandra Cs., Csaba R., Dana. M. S, **Szende T.***, Economically Efficient Production of Hydro-Alcoholic Extracts from Medicinal Plants. A Case Study for *Mentha Piperita* L. *Revista de Chimie*, 2016, Vol. 67, No.10., 1906-1913, IF₂₀₁₆: 1.232 Q3
10. **Szende T.***, Boldizsár N., Anamaria T., Cerasella I., Cornelia M., Cd(II), Zn(II) and Cu(II) Bioadsorption on Chemically Treated Waste Brewery Yeast Biomass: The Role

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat

Living and non-living biomass as biosorbents for heavy metals removal from wastewaters, Conducător științific: prof. dr. Tóthmérész Béla, Univ. Debrecen din Ungaria, Școala doctorală „Juhász Nagy Pál”

B. Cărți publicate

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

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

Cornelia Majdik, **Szende Ágnes Tonk**: Aplicații pentru laboratorul de biochimie. Notiuni de bază de biochimie. Editura Scientia, 2007. 174 p., ISBN: 978-973-7953-80-3

Szende Ágnes Tonk, Eszter Rápó, Környezeti szennyezők, környezeti problémák, környezeti remediáció. Editura Exit, Cluj-Napoca, 2020. 234 p., ISBN 978-606-9091-23-4

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

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

B5. Capitole de cărți publicate în străinătate

B6. Capitole de cărți publicate în țară

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. I. Haddidi, N. H. Duc, **Sz. Tonk**, E. Rápó, K. Posta, Defense enzymes in mycorrhizal tomato plants exposed to combined drought and heat stresses. *Agronomy* - MDPI, 2020, 10, 1657. DOI: 10.3390/agronomy10111657, IF₂₀₂₀: 2.603, Q1
2. K. Bodor, R. Boga, T. Pernyeszi, **Sz. Tonk**, Gy. Deák, Variation of PM10 concentration depending on the meteorological parameters in two Bucharest monitoring stations (in green areas). *Present Environment and Sustainable Development* 14(1):16, 2020. ISI DOI: 10.15551/pesd2020141022, IF: Not yet assigned
3. B. P. Csicsó, **Sz. Tonk**, A. Szabó, Zs. Márton, F. T. Bogdányi, F. Tóth, É. Abod, J. Bálint*, A. Balog*, Effectiveness of the entomopathogenic fungal species *Metarhizium anisopliae* strain NCAIM 362 treatments against soil inhabiting *Melolontha melolontha* larvae in sweet potato (*Ipomoea batatas* L.). *Journal of Fungi* - MDPI, 6(3):116, 2020. DOI: 10.3390/jof6030116, IF₂₀₁₉: 4.621, Q1
4. Rápó, E.; Posta, K.; Csavdári, A.; Vincze, B.É.; Mara, G.; Kovács, G.; Haddidi, I.; **Tonk, Sz***. Performance Comparison of *Eichhornia crassipes* and *Salvinia natans* on Azo-Dye

- (Eriochrome Black T) Phytoremediation. Crystals, 2020, 10, 565. DOI: 10.3390/cryst10070565, IF₂₀₁₉: 2.404, Q2
5. E. Rápó, L. E. Aradi, Á. Szabó, K. Posta, R. Szép and **Sz. Tonk***, Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent. Scientific Reports, 10, Article number: 8385 (2020), DOI: 10.1038/s41598-020-65334-0, IF₂₀₁₉: 3.998, D1
 6. E. Rápó, K. Jakab, K. Posta, M. Suciú, **Sz. Tonk***, A Comparative Study on the Adsorption of Two Remazol Dyes on Green Adsorbent, Calcined Eggshells. Revista de Chimie, Vol. 71., no. 4/2020, 248-257, DOI: 10.37358/RC.20.4.8063, IF₂₀₁₉: 1.755 Q3
 7. K. Bodor, R. Boga, T. Pernyeszi, **Sz. Tonk**, Gy. Deák, Time series analysis from 2008 to 2018 of PM₁₀, evaluation of Bucharest region, Romania. Present Environment and Sustainable Development, Vol. 14, no.1/ 2020, IF: Not yet assigned
 8. R. Boga, Zs. Bodor, K. Bodor, **Sz. Tonk**, Gy. Deák, T. Pernyeszi, Ion-A. Nita, The Influence of Evapotranspiration and Wet Deposition on the Variations of PM₁₀ Concentration in the Ciuc Basin. Present Environment and Sustainable Development, VOL. 13, no. 1, 2019, ISI DOI: 10.2478/pesd-2019-0003, IF: Not yet assigned
 9. Á. Keresztesi, R. Boga, Zs. Bodor, K. Bodor, **Sz. Tonk**, Gy. Deák, Ion-A. Nita, The Analysis of the Chemical Composition of Precipitation during the Driest Year from the Last Decade. Present Environment and Sustainable Development, Vol. 13, no. 1, 2019, ISI DOI: 10.2478/pesd-2019-0002, IF: Not yet assigned
 10. E. Rápó, K. Posta, M. Suciú, R. Szép, **Sz. Tonk***, Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions Using Calcined Eggshell as Biosorbent. Acta Chimica Slovenica, 2019, 66., 648-658. DOI: 10.17344/acsi.2019.5079, IF_{2018/2019}: 1.076, Q3
 11. O. Hegedűs, K. Szarka, A. Hegedűsová, Zs. Gódány, M. Šlosár, A-C. Nechifor and **Sz. Tonk***, Validation and quality assurance of ascorbic acid determination in agricultural products. Revista de Chimie, 2019, Vol., 70, No. 7, 2307-2317. DOI: 10.37358/RC.19.7.7329, IF_{2018/2019}: 1.755 Q3
 12. R. Boga, Zs. Bodor, K. Bodor, **Sz. Tonk**, Gy. Deák, T. Pernyeszi, I-A. Niță, The Influence of Evapotranspiration and Wet Deposition on the Variations of PM₁₀ Concentration in the Ciuc Basin. Present Environment and Sustainable Development, Volume 13, Issue 1, Pages: 33-44, 2019. DOI: 10.2478/pesd-2019-0003, IF: Not yet assigned
 13. E. Rápó, R. Szép, Á. Keresztesi, M. Suciú, **Sz. Tonk***, Adsorptive Removal of Cationic and Anionic Dyes from Aqueous Solutions by Using Eggshell Household Waste as Biosorbent. Acta Chimica Slovenica, 2018, Vol., 65., No. 3, 709–717. DOI: 10.17344/acsi.2018.4401, IF_{2018/2019}: 1.076 Q3
 14. Ondrej H., Zuzana Š., Alžbeta H., Jarmila D., Alena A., Silvia J., **Szende T.**, Robert Sz., Tímea P., Determination of Isocyanates in Workplace Atmosphere by HPLC. Revista de Chimie, 2018, Vol. 69. No. 2., 533-538. DOI: 10.37358/RC.18.2.6142, IF_{2018/2019}: 1.605 Q3
 15. Török, B. Nagy, **Sz. Tonk**, E. Buta, R. Szép, C. Majdik, A. G. Niculae, Crystal violet dye removal from aqueous solutions using *Elodea canadensis* as biofilter. Revista de Chimie, 2017, Vol. 68. No. 10., 2270-2275. DOI: 10.37358/RC.17.10.5869, IF₂₀₁₇: 1.412 Q3
 16. **Szende T.***, Cornelia M., Robert Sz., Maria S., Eszter R. and Boldizsár N., Biosorption of Cd(II) ions from aqueous solution by eggshell waste. Kinetic and equilibrium isotherm studies. Revista de Chimie, 2017, Vol. 68. No. 9., 1951-1958. DOI: 10.37358/RC.17.9.5800, IF₂₀₁₇: 1.412 Q3

17. R. Szép, R. Keresztes, A. Korodi, **Sz. Tonk**, M. E. Crăciun, Study of air pollution and atmospheric stability in Ciuc Basin – Romania. *Revista de Chimie*, 2017, Vol. 68. No. 8., 1763-1767. DOI: 10.37358/RC.17.8.5760, IF₂₀₁₇: 1.412 Q3
18. R. Szép, R. Keresztes, **Sz. Tonk**, A. Korodi, M. E. Crăciun, The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations under Environmental Circumstances in the Ciuc basin, Romania. *Revista de Chimie*, 2017, Vol. 68. No. 4., 642-645. DOI: 10.37358/RC.17.4.5522, IF₂₀₁₇: 1.412 Q3
19. Robert Sz., Réka K., Attila K., **Szende T.**, Gabriela Alexandra N., Marius Adrian B., Dew point - indirect particulate matter pollution indicator in Ciuc basin – Harghita, Romania. *Revista de Chimie*, 2016, Vol. 67, No.10, 1914-1921., IF₂₀₁₆: 1.232 Q3
20. Alexandra Cs., Csaba R., Dana. M. S, **Szende T.***, Economically Efficient Production of Hydro-Alcoholic Extracts from Medicinal Plants. A Case Study for *Mentha Piperita L.* *Revista de Chimie*, 2016, Vol. 67, No.10., 1906-1913., IF₂₀₁₆: 1.232 Q3
21. Török A., Buta E., Indolean C., **Tonk Sz.**, Silaghi L., Majdik C., Biological removal of triphenylmethane dyes from aqueous solution by *Lemna minor*. *Acta Chimica Slovenica*, 2015, Vol. 62, 452-461. DOI: 10.17344/acsi.2014.1109, IF₂₀₁₅: 1.167 Q3
22. **Szende T.***, Boldizsár N., Anamaria T., Cerasella I., Cornelia M., Cd(II), Zn(II) and Cu(II) Bioadsorption on Chemically Treated Waste Brewery Yeast Biomass: The Role of Functional Groups., *Acta Chimica Slovenica*, 2015, Vol. 62, 736-746. DOI: 10.17344/acsi.2014.1265, IF₂₀₁₅: 1.167 Q3
23. Boldizsár N., Carmen M., Anamaria T., Cerasella I., Andrada M., **Szende T.**, Cornelia M., Isotherm and Thermodynamic studies of Cd (II) removal process using chemically modified lignocellulosic adsorbent. *Revue Roumain de Chimie*, 2015, Vol. 60(2-3), 257-264., IF₂₀₁₅: 0.250 Q4
24. Doina A, T., **Szende T.**, Ancuța E. T., Anamaria T., Carmen M., Gabriel K., Cornelia M., Efficient degradation of phenol *Pseudomonas putida* cells for the production of pure water. *Studia Chimia*, 2013, LVIII, 3, 125-133., IF₂₀₁₃: 0.136 Q4
25. Doina A, T., **Szende T.**, Ancuța E. T., Anamaria T., Carmen M., Gabriel K., Cornelia M., Continuous flow waste purification with immobilized cells. *Studia Chimia*, 2013, LVIII, 3, 135-141., IF₂₀₁₃: 0.136 Q4
26. **Tonk Sz.***, Măicăneanu A., Indolean C., Burcă S., Majdik C., Application of immobilized waste brewery yeast cells for Cd²⁺ removal. Equilibrium and Kinetics. *Journal of Serbian Chemical Society*, 2011, Vol. 76, No.3, 363-373., IF₂₀₁₁: 0.879 Q3
27. **Tonk Sz.***, Indolean C., Burcă S., Măicăneanu A., Kocsis B., Majdik C., Biosorption of Cd²⁺ Ions by Immobilized Cells of *Saccharomyces cerevisiae*. Adsorption Equilibrium and Kinetic Studies. *Studia Chimia*, 2010, LV, 3, 129-137., IF₂₀₁₀: 0.231 Q4
28. Majdik C., Indolean C., **Tonk Sz.**, Măicăneanu A., Stanca M., Mezey P., Suspended and immobilized brewery waste biomass and commercial yeast biosorbent for Cd²⁺ removal. A thermodynamic study. *Revue Roumain de Chimie*, 2010, Vol. 55, No. 11-12, 871-877., IF₂₀₁₀: 0.311 Q3
29. Majdik C., Hasni Ould T., Măicăneanu A., Indolean C., Burcă S., **Tonk Sz.**, Stanca M., Fixed Bed Studies for Cd²⁺ Removal from Model Solutions Using Immobilized Bentonite/Yeast Mixtures. *Studia Chimia*, 2009, Special Issue 2, 153-162., IF: 0.231 Q4
30. Majdik C., Indolean C., **Tonk Sz.**, Măicăneanu A., Pernyeszi T., Tóthmérész B., Removal of Zn²⁺ from Some Synthetic Wastewaters by Immobilized *Saccharomyces cerevisiae* Cells.

Studia Chimica, 2008, LIII, 3, 71-76., IF: 0.231 Q4

31. **Tonk Sz.***, Stanca M., Majdik C., Indolean C., Burcă S., Pernyeszi T., Tóthmérész B., Cd²⁺ Removal from Synthetic Wastewaters Using *Scenedesmus opoliensis* Green Algae. Studia Chimica, 2008, LIII, 3, 31-37., IF: 0.231 Q4

IF_{total}: 33,98

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

1. Boldizsár N., **Szende T.**, Cerasella I., Andrada M., Cornelia M., Biosorption of Cadmium Ions by Unmodified, Microwave and Ultrasound Modified Brewery and Pure Strain Yeast Biomass, American Journal of Analytical Chemistry, 2013, Vol. 4 No. 7A, 63-71.
2. Neda T., Mócsy I., **Tonk Sz.**, Radon and Alpha Decay Products Concentration into University of Cluj. 4th European Conference on Protection Against Radon at Home and at Work, Praha, 2004. Vol. II. 1-7. (Proceedings CD). (ISBN 1588-5348)
3. Déri Zs., Toró L., Bányász Gy., Krézsek Cs., Neda T., **Bálint Sz.**, Radon soil gas exhalation rate in different geographical zones in the Carpathian Basin. McLaughlin, J. P.; Simopoulos, SE; Steinhäusler, F. (eds.): The Natural Radiation Environment VII. Rhodos, 2002. pp. 378-380. (ISBN 0-08-044137-8)
4. Boldizsár N., Carmen M., **Szende T.**, Cornelia M., Utilization of wood-industrial waste material as potential adsorbent for the removal of Zn(II) and Cu (II) from aqueous single metal solutions, Journal of Environment & Biotechnology Research, 2(1): 27-36, 2016.

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS/CNCS (altele decât cele din baze de date internaționale).

1. Tálos K., Páger Cs., **Tonk Sz.**, Majdik K., Kocsis B., Kilár F., Pernyeszi T., Cadmium Biosorption on Native *Saccharomyces cerevisiae* Cells in Aqueous Suspension, Acta Universitatis Sapientiae, Agriculture and Environment vol.1, (2009), pp. 20-30

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. Putnoky-Csicsó B., Simon É., **Tonk Sz.**, Veress L., Abod É., Tóth F., Balog A., B. János, A *Metarhizium anisopliae* entomopatogén gomba hatása az édesburgonya [*Ipomoea batatas* (L.) Lam.] talajlakó kártevőire, valamint termésmennyiségi paramétereire ellenőrzött termesztési körülmények között – előzetes eredmények, In: Haltrich, Attila; Varga, Ákos (szerk.), 66. Növényvédelmi Tudományos Napok, (2020) p. 34.
2. Rápó E., Jakab K., Posta K., **Tonk Sz.**, Összehasonlító tanulmány Remazol ruhafestékek adszorpciós eltávolítására kalcinált tojás héjjal, In: Majdik K. (szerk.),

25th International Conference on Chemistry=XXV. Nemzetközi Vegyészkonferencia, Kolozsvár, Románia: Erdélyi Magyar Műszaki Tudományos Társaság (EMT), (2019) p. 104

3. Tálos K., Makszin L., **Tonk Sz.**, Szabó D., Kocsis B., Pernyeszi T., Effect of Cd²⁺ and Pb²⁺ ions for p roteín profiles of brewer' s yeast strain of *Saccharomyces cerevisiae*, In: Gazdag M., Felinger A., Babják M., Drahos L., Horváth K., Janáky T., Móricz Á., Elválasztástudományi Vándorgyűlés 2016, Pécs, Magyarország: Magyar Elválasztástudományi Társaság, (2016) p. 28.
4. **Tonk Sz.**, A zsírok, mint tápanyagok, Firka, 2/2015, pp. 14-19, (ISSN 1224-371X)
5. Nagy B., **Tonk Sz.**, Majdik K., A *Lactarius piperatus* erdei makrogomba alkalmazása szennyvíztisztításra, X. Kárpát-medencei Környezettudományi Konferencia Ábel Kiadó, 2014, Kolozsvár, pp.192-197, (ISSN 1842-9815)
6. **Tonk Sz.**, Kallós I., Majdik K., Élettelen biomassza alkalmazása bioszorbensként a kadmium szennyvízből való eltávolítására, X. Kárpát-medencei Környezettudományi Konferencia Ábel Kiadó, 2014, Kolozsvár, pp.291-295, (ISSN 1842-9815)
7. Majdik K., **Tonk Sz.**, Indolean C., Nagy B., Fermentációs folyamatokból visszamaradt élesztősejtek bioszorpcióis tulajdonságainak vizsgálata, Műszaki Szemle (Technical Review) Kémia szám, 59/2012. (ISSN 1454-0746)
8. Majdik K., **Tonk Sz.**, Alternatív lehetőségek fenoltartalmú vizek tisztítására, XII. Nemzetközi Vegyészkonferencia, Erdélyi Magyar Műszaki Tudományos Társaság, Kolozsvár, 2006., 120. (ISBN 10-973-78-40-14-3)
9. **Tonk Sz.**, Majdik K., Tőkés B., Az ólom bioszorpciójának tanulmányozása élő és élettelen sejtekkel. IX. Nemzetközi Vegyészkonferencia, Erdélyi Magyar Műszaki Tudományos Társaság, Kolozsvár, 2003. 366-368. (ISBN 973-86097-6-3)
10. **Tonk Sz.**, A radon, mint környezeti probléma – védekezés a radon ellen. VIII. Nemzetközi Vegyészkonferencia, Erdélyi Magyar Műszaki Tudományos Társaság, Kolozsvár, 2002. 328-329. (ISBN 973-85809-8-6)
11. **Tonk Sz.**, A hajkeratin és a tioglikolsav reakciójának tanulmányozása. RODOSZ Tanulmányok, Kolozsvár, Kriterion, 2002. pp. 19-28. (ISBN 973-26-0728-9)

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

F. Brevete de invenții și alte titluri de proprietate

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

1. 2019-2020 Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca, Bálint J., Csorba A-B., Fazakas Cs., Putnoki C-B., Szabó K-A., **Tonk Sz.**, *Metarhizium anisopliae* entomopatogén gomba hatása az édesburgonya *Ipomoea batatas* L. talajlakó kártevőire, valamint termésmennyiségi és minőségi paramétereire ellenőrzött termesztési körülmények között – Egyetemi Kutatási Program – membru în echipă 48 000 RON

2. 2010-2011 Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca, Zsigmond A, **Tonk Sz**, Urák I., Szakács S., Szacsvai K., Nédá T., Székelyföldi posztvulkanikus jelenségek tanulmányozása – membru în echipă
3. 2009-2010 Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca, Zsigmond A, **Tonk Sz**, Urák I., Szakács S., Szacsvai K., Nédá T., Székelyföldi posztvulkanikus jelenségek tanulmányozása – membru în echipă
4. 2009-2010 Academia Maghiară de Științe, Budapesta, Majdik K., **Tonk Sz.**, Cerasella I., Pernyeszi T. A fitoextrakció, mint alternativă posibilă a metalelor grele cu conținut ridicat de poluare în talaj – membru în echipă (grant internațional)
5. 2009-2010 Academia Maghiară de Științe, Budapesta, **Tonk Sz.**, A metale grele *Saccharomyces cerevisiae* tulpinilor pe medii diferite de toxicitate – director
6. 2008-2009 Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca, Zsigmond A, **Tonk Sz**, Urák I., Mócsy I., Szakács S., Szacsvai K., Erdei Zs., Székelyföldi posztvulkanikus jelenségek tanulmányozása – membru în echipă
7. 2008-2009 Academia Maghiară de Științe, Budapesta, **Tonk Sz.**, A Cd ioni adsorbție și capacitatea de studiu *Saccharomyces cerevisiae* celulelor – director
8. 2008-2009 Academia Maghiară de Științe, Budapesta, **Tonk Sz.**, Separarea contaminării compușilor fenolici din ape naturale prin biosorbție – director
9. 2008-2009 Academia Maghiară de Științe, Noul tip de biosorbent utilizat în metale grele, Majdik K., **Tonk Sz.**, Indolea C., Hegedűs E., Pernyeszi T., – membru în echipă (grant internațional)
10. 2007-2008 Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca, Mócsy I., Urák I., Nédá T., Nagy K., **Tonk Sz.**, Construcția Autostrăzii Transilvania și impactul ei asupra mediului înconjurător – membru în echipă
11. 2007-2008 Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca, Farkas Gy., Szegedy L., Zsigmond A., **Tonk Sz.**, Boros I., Construcția Autostrăzii Transilvania și impactul ei asupra mediului înconjurător – membru în echipă
12. 2005-2006 Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca - bursă de doctorat
13. 2003-2004 Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca, Majdik K., Tókes B., **Tonk Sz.**, Pajzs Cs., Katona G., Sintetizarea produselor heterociclice prin metode de spectroscopie – membru în echipă
14. Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca, Péntes Á., Tókes B., Majdik K., Kilár F., **Tonk Sz.**, Domahidi L., Separarea ionilor Cr și Fe prin biosorbție cu microorganisme – membru în echipă
15. 2003-2004 – bursă de cercetare oferită de Institutul Programelor de Cercetare a Fundației Sapientia, Cluj-Napoca (12 luni) – membru în echipă
16. 2003 – bursă de cercetare oferită de Domus Hungarica-Academia Maghiară de Științe, Budapesta-Debrecen (3 luni) – grant personal
17. 2002-2005 Bursa „Márton Áron”, Ungaria (3 ani) – bursă de studii
18. 2002-2003 Fundația „Arany János” pentru Știință, Budapesta, Mócsy I., **Tonk Sz.**, Kresz Cs., Nédá T., Hening K. – membru în echipă

19. 2001-2002 Fundația „Arany János” pentru Știință, Budapesta, Mocsy I., Tonk Sz., Krezsek Cs., Néda T. – membru în echipă

H. Creația artistică

H1 Participări la manifestații artistice internaționale

H2. Participări la manifestații artistice naționale

H3. Expoziții, filme, spectacole, concerte, discuri de autor, opere internaționale

H4. Expoziții, filme, spectacole, concerte, discuri de autor, opere naționale

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

III. RECUNOAȘTEREA

I. Premii obținute prin program tutorial (participări la programe de excelență)

1. **TDK** Conferință științifică studentescă, Univ. Sapientia, Miercurea-Ciuc, 23.04.2013 – comisie
2. **TDK** Conferință științifică studentescă, Univ. Sapientia, Cluj-Napoca, 16.04.2014 – comisie
3. **OTDK** Conferință națională științifică studentescă, Secția Chimie și Industria Chimică, Veszprém, Ungaria, 9-11.04.2015 – comisie
4. **EMT** Societatea Maghiară Technico-Științifică din Transilvania, XXI. International Conference on Chemistry, 2015 – (premiul III., finanțat de Organizația Chimicilor Maghiari din Ungaria), Studenta: Rápó Eszter
5. **EMMI BI MÁSZ** Ministerul Resurselor Umane din Ungaria, Colegiul de Cercetare Márton Áron 2016, Studenta: Rápó Eszter
6. **EMMI BI MÁSZ** Ministerul Resurselor Umane din Ungaria, Colegiul de Cercetare Márton Áron 2017, Studenta: Rápó Eszter
7. **TDK** Conferință științifică studentescă, Secția Științe Mediului, Univ. Sapientia, Cluj-Napoca, 2016, Studenta: Rápó Eszter – premiul I.
8. **ETDK** Conferință științifică studentescă din Ardeal, Cluj-Napoca, 2016, Studenta: Rápó Eszter – premiul II.
9. **OTDK** Conferință națională științifică studentescă, Secția Chimie și Industria Chimică, Miskolc, Ungaria, 29-31.03.2017 – comisie
10. **OTDK** Conferință națională științifică studentescă în Științe Agricole, 2017, Studenta: Rápó Eszter – premiu special
11. **ETDK** Conferință științifică studentescă din Transilvania, Secția Științe Agricole, 2017, Studenta: Rápó Eszter – premiul II.
12. **TDK** Conferință științifică studentescă din Transilvania, Secția Științe Mediului, 2017, Studenta: Varga Hilda Mária – premiul I.
13. **ETDK** Conferință științifică studentescă, Secția Științe Reale și Umane, 2017, Studenta: Varga Hilda Mária – participare
14. **TUDEK** Conferință științifică regională studentescă din Ardeal, 2016, Studenții: Illyés Kinga, clasa XI., Liceul Teoretic Báthory István, Nagy Balázs, clasa XI., Liceul Teoretic Reformat din Cluj-Napoca – premiul I.

15. **TUDOK** Conferință din Bazinul–Carpatic al XVII-a, Secția Protecția mediului și Științele Mediului, Székesfehérvár, Ungaria 2017, Studenții: Illyés Kinga, clasa XI., Liceul Teoretic Báthory István, Nagy Balázs, clasa XI., Liceul Teoretic Reformat din Cluj-Napoca – premiul special al secției
16. **The International Conference of Young Scientists** 2017, Stuttgart, Germania, Illyés Kinga, clasa XI., Liceul Teoretic Báthory István, Nagy Balázs, clasa XI., Liceul Teoretic Reformat din Cluj-Napoca – medalie de aur
17. **Collegium Talentum** 2017/2018, Studenta: Rápó Eszter
18. **XV. TDK** Conferință științifică studentescă, Secția Științe Mediului 2018, Studenta: Rápó Eszter – premiul II.
19. **Sapientia Maximus** Premiu pentru Excelență Studentescă 2017/2018, Studenta: Rápó Eszter
20. **OTDK** Conferință națională științifică studentescă în Științe Agricole 2019, Studenta: Rápó Eszter – premiul II.
21. **Collegium Talentum** 2019/2020, Studenta: Rápó Eszter
22. **EMMI** Ministerul Resurselor Umane din Ungaria, Programul de burse - Bursa de supraveghere a talentului Klebelsberg Kuno 2019/2020, Studenta: Jakab Krisztina
23. **Sapientia Maximus** Premiu pentru Excelență Studentescă 2019/2020, Studenta: Jakab Krisztina
24. Bursa **Székely Előfutár** 2020, Doctoranda: Rápó Eszter, an III.

J. Citări sub formă de listă

1. Eszter Rápó, László Előd Aradi, Ábel Szabó, Katalin Posta, Robert Szép, **Szende Tonk***, Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent, Springer Nature: Scientific Reports, 10, 8385, 2020. (FI = 4.011) DOI: 10.1038/s41598-020-65334-0.

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1. E. Rápó, K. Posta, A. Csavdári, B. É. Vincze, Gy. Mara, G. Kovács, I. Haddidi, Sz. Tonk, Performance comparison of *Eichhornia crassipes* and *Salvinia natans* on azo-dye (Eriochrome Black T) phytoremediation, MDPI-Crystals, 10: 565, 2020. (IF=2.404) DOI: 10.3390/cryst10070565.
2. Peck Kah Yeow, Sie Wei Wong, Tony Hadibarata, Removal of Azo and Anthraquinone Dye by Plant Biomass as Adsorbent – A Review, Biointerface Research in Applied Chemistry, 11(1): 8218 - 8232, 2021. DOI: 10.33263/BRIAC111.82188232.
3. Kods Oueslati, Eder C. Lima, Fakher Ayachi, Mariene R. Cunha, Abdelmottaleb Ben Lamine, Modeling the removal of RR-120 dye from aqueous effluents by activated carbon, Water Sci Technol wst2020347, 2020. (IF=1.638) DOI: 10.2166/wst.2020.347.
4. Kods Oueslati, Eder C. Lima, Fakher Ayachi, Mariene R. Cunha, Abdelmottaleb Ben Lamine, Synthesis, characterization, and regeneration of an inorganic–organic nanocomposite (ZnO biomass) and its application in the capture of cationic dye, Water Sci Technol wst2020347, 2020. (IF=1.638) DOI: 10.2166/wst.2020.347.
5. Removal of copper (II) ions by eco-friendly raw eggshells and nano-sized eggshells: a comparative study, Authors: Somaia G. Mohammad, Sahar M. Ahmed & Mayyada M.

H. El-Sayed, Source: CHEMICAL ENGINEERING COMMUNICATIONS DOI: 10.1080/00986445.2020.1835875

2. Ondrej Hegedus, Katarina Szarka, Alzbeta Hegedusova, Zsuzsanna Godany, Miroslav Slosar, Aurelia Cristina Nechifor, **Szende Tonk***, Validation and Quality Assurance of Ascorbic Acid Determination in Agricultural Products, Revista de Chimie -Bucharest-, 70(7): 2309-2314, 2019. (FI = 1.605) DOI: 10.37358/RC.19.7.7329

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1. Hegedűs, O., Borovicza, B., Szarka, K., Vargová, A., Reménység, D., Mat'ová, A., Czibor, B., & Hegedűsová, A, Fruit red colorants impact on the antiradical activity determined by DPPH method, Potravinarstvo Slovak Journal of Food Sciences, 14, 473-482, 2020. DOI: 10.5219/1374
3. Eszter Rápó, Katalin Posta, Maria Suci, Robert Szép, **Szende Tonk***, Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions using Calcined Eggshell as Biosorbent, Acta Chimica Slovenica, 66(3): 648–658, 2019. (FI = 1.076) DOI: 10.17344/acs.2019.5079

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1. E. Rápó, K. Posta, A. Csavdári, B. É. Vincze, Gy. Mara, G. Kovács, I. Haddidi, Sz. Tonk*, Performance comparison of *Eichhornia crassipes* and *Salvinia natans* on azo-dye (Eriochrome Black T) phytoremediation, MDPI-Crystals, 10: 565, 2020. (IF=2.404) DOI: 10.3390/cryst10070565.
2. Eszter Rápó, László Előd Aradi, Ábel Szabó, Katalin Posta, Robert Szép, Szende Tonk*, Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent, Springer Nature: Scientific Reports, 10, 8385, 2020. (FI = 4.011) DOI: 10.1038/s41598-020-65334-0.
3. Anna Safitri, Wiwin Dwi Febrianti, Galuh Rahmaniah, Effectiveness of Using *Trichoderma viride* as Biosorbent for Remazol Brilliant Violet in Batik Wastewater Treatment, JSMARTEch: Journal of Smart Bioprospecting and Technology 2020, 1:2 DOI: <https://doi.org/10.21776/ub.jsmartech.2020.001.02.4>.
4. Barna Putnoki Csicsó, Szende Tonk, Attila Szabó, Zsuzsanna Márton, Franciska Tóthné Bogdányi, Ferenc Tóth, Éva Abod, János Bálint, Adalbert Balog, Effectiveness of the entomopathogenic fungal species *Metarhizium anisopliae* strain NCAIM 362 treatments against soil inhabiting *Melolontha melolontha* larvae in sweet potato (*Ipomoea batatas* L.), Journal of Fungi — Open Access Mycology Journal 6(3):116, 2020. (IF=4.621) DOI: 10.3390/jof6030116.
5. Peck Kah Yeow, Sie Wei Wong, Tony Hadibarata, Removal of Azo and Anthraquinone Dye by Plant Biomass as Adsorbent – A Review, Biointerface Research in Applied Chemistry, 11(1): 8218 - 8232, 2021. DOI: 10.33263/BRIAC111.82188232.
4. Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, **Szende Tonk**, György Deák, Ion-Andrei Nita, The Analysis of the Chemical Composition of Precipitation During the Driest Year from the Last Decade, Present Environment and Sustainable Development, Volume 13(1): 19-32, 2019. DOI: 10.2478/pesd-2019-0002 .

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1. Katalin Bodor, Réka Boga, Tímea Pernyeszi, Szende Tonk, György Deák, Variation of PM10 concentration depending on the meteorological parameters in two Bucharest monitoring stations (in green areas), Present Environment and Sustainable Development 14(1):16, 2020. DOI: 10.15551/pesd2020141022.

2. Ágnes Keresztesi, Ion-Andrei Nitad, Réka Boga, Marius-Victor Birsan, Zsolt Bodor, Róbert Szép, Spatial and long-term analysis of rainwater chemistry over the conterminous United States, *Environmental Research*, 188, 2020. 109872 DOI: 10.1016/j.envres.2020.109872.
5. Réka Boga, Zsolt Bodor, Katalin Bodor, **Szende Tonk**, György Deák, Tímea Pernyeszi, Ion-Andrei Nita, The Influence of Evapotranspiration and Wet Deposition on the Variations of PM10 Concentration in the Ciuc Basin, *Present Environment and Sustainable Development*, 13(1): 33-44, 2019. DOI: 10.2478/pesd-2019-0003.

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1. Ágnes Keresztesi, Ion-Andrei Nitad, Réka Boga, Marius-Victor Birsan, Zsolt Bodor, Róbert Szép, Spatial and long-term analysis of rainwater chemistry over the conterminous United States, *Environmental Research*, 188, 2020. 109872 DOI: 10.1016/j.envres.2020.109872.2.
2. Katalin Bodor, Réka Boga, Tímea Pernyeszi, **Szende Tonk**, György Deák, Variation of PM10 concentration depending on the meteorological parameters in two Bucharest monitoring stations (in green areas), *Present Environment and Sustainable Development* 14(1):16, 2020. DOI: 10.15551/pesd2020141022.
6. Eszter Rápó, Róbert Szép, Ágnes Keresztesi, Maria Suci, **Szende Tonk***, Adsorptive Removal of Cationic and Anionic Dyes from Aqueous Solutions by Using Eggshell Household Waste as Biosorbent, *Acta Chimica Slovenica*, 65(3): 705-717, 2018. (FI = 1.076) DOI: 10.17344/acsi.2018.4401.

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1. Achala Amarasinghe, Dakshika Wanniarachchi, Eco-Friendly Photocatalyst Derived from Egg Shell Waste for Dye Degradation, *Hindawi Journal of Chemistry*, Volume 2019, Article ID: 8184732 DOI: 10.1155/2019/8184732.
2. Tímea Pernyeszi, Roland Farkas, János Kovács, Methylene Blue Adsorption Study on Microcline Particles in the Function of Particle Size Range and Temperature, *Minerals*, 9(9): 555, 2019. DOI: 10.3390/min9090555.
3. Eszter Rápó, Katalin Posta, Maria Suci, Robert Szép, **Szende Tonk***, Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions using Calcined Eggshell as Biosorbent, *Acta Chimica Slovenica*, vol. 66, 2019.
4. Mehmet Kaya, Investigation of Isotherm Data for Biosorption of Eosin Y Dye from Aqueous Solution using Tea Stem Pruning Wastes, *Erzincan University Journal of Science and Technology*, 13(1): 274 - 282 2020. DOI: 10.18185/erzifbed.571429.
5. Emilia Neag, Ana Moldovan, Vanda Băbălău-Fuss, Anamaria Török, Oana Cadar, Cecilia Roman, Kinetic, Equilibrium and Phytotoxicity Studies for Dyes Removal by Low Cost Natural Activated Plant-Based Carbon, *Acta Chimica Slovenica*, vol. 66, 2019.
6. E. Rápó, K. Posta, A. Csavdári, B. É. Vincze, Gy. Mara, G. Kovács, I. Haddidi, Sz. Tonk*, Performance comparison of *Eichhornia crassipes* and *Salvinia natans* on azo-dye (Eriochrome Black T) phytoremediation, *MDPI-Crystals*, 10: 565, 2020. (IF=2.404) DOI: 10.3390/cryst10070565.
7. Eszter Rápó, László Előd Aradi, Ábel Szabó, Katalin Posta, Robert Szép, Szende Tonk*, Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent *Springer Nature: Scientific Reports*, 10, 8385, 2020. (FI = 4.011) DOI: 10.1038/s41598-020-65334-0.
8. Barna Putnoki Csicsó, Szende Tonk, Attila Szabó, Zsuzsanna Márton, Franciska Tóthné Bogdányi, Ferenc Tóth, Éva Abod, János Bálint, Adalbert Balog, Effectiveness of the entomopathogenic fungal species *Metarhizium anisopliae* strain NCAIM 362

treatments against soil inhabiting *Melolontha melolontha* larvae in sweet potato (*Ipomoea batatas* L.), Journal of Fungi — Open Access Mycology Journal 6(3):116, 2020. (IF=4.621) DOI: 10.3390/jof6030116.

9. Katalin Bodor, Réka Boga, Tímea Pernyeszi, Szende Tonk, György Deák, Variation of PM10 concentration depending on the meteorological parameters in two Bucharest monitoring stations (in green areas), Present Environment and Sustainable Development 14(1):16, 2020. DOI: 10.15551/pesd2020141022.
7. Ondrej Hegedus, Zuzana Smotlakova, Alzbeta Hegedusova, Jarmila Dubajova, Alena Andrejiova, Silvia Jakabova, **Szende Tonk**, Robert Szep, Tímea Pernyeszi, Determination of Isocyanates in Workplace Atmosphere by HPLC, Revista de Chimie, 69(2): 533-538, 2018. (FI = 1.605) DOI: 10.37358/RC.18.2.6142.

Citări:

1. Garcia-Alonso, S., Perez-Pastor, R.M., Organic Analysis of Environmental Samples Using Liquid Chromatography with Diode Array and Fluorescence Detectors: An Overview, Critical Reviews in Analytical Chemistry, 2019 DOI: 10.1080/10408347.2019.1570461.

8. Szende Tonk, Cornelia Majdik, Robert Szep, Maria Suci, Eszter Rapo, Boldizsar Nagy, Alexandra Gabriela Niculae, Biosorption of Cd(II) ions from aqueous solution onto eggshell waste kinetic and equilibrium isotherm studies, Revista de Chimie, 68(9): 1951-1958, 2017. (FI = 1.412) DOI: 10.37358/RC.17.9.5800.

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1. Eszter Rápó, Katalin Posta, Maria Suci, Robert Szép, Szende Tonk*, Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions using Calcined Eggshell as Biosorbent, Acta Chimica Slovenica, vol. 66 2019.
2. Eszter Rápó, Róbert Szép, Ágnes Keresztesi, Maria Suci, Szende Tonk*, Adsorptive Removal of Cationic and Anionic Dyes from Aqueous Solutions by Using Eggshell Household Waste as Biosorbent, Revista de Chimie, Volume: 65, Issue: 3, Page: 705-717, 2018. (FI = 1.412).
3. E. Rápó, K. Posta, A. Csavdári, B. É. Vincze, Gy. Mara, G. Kovács, I. Haddidi, Sz. Tonk*, Performance comparison of *Eichhornia crassipes* and *Salvinia natans* on azo-dye (Eriochrome Black T) phytoremediation, MDPI-Crystals, 10: 565, 2020. (IF=2.404) DOI: 10.3390/cryst10070565.
4. Eszter Rápó, László Előd Aradi, Ábel Szabó, Katalin Posta, Robert Szép, Szende Tonk*, Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent, Springer Nature: Scientific Reports, 10, 8385, 2020. (FI = 4.011) DOI: 10.1038/s41598-020-65334-0.
5. Nicoleta Platon, Vasilica-Alisa Arus, Ana-Maria Georgescu, Ileana Denisa Nistor, Narcis Barsan, White Bread Fortified with Calcium from Eggshell Powder, Rev. Chim., 71 (7): 299-306, 2020. (IF = 1.755) DOI: 10.37358/RC.20.7.8248.

9. Anamaria Torok, Boldizsar Nagy, **Szende Tonk**, Erzsebet Buta, Robert Szep, Cornelia Majdik, Alexandra Gabriela Niculae, Crystal Violet Dye Removal from Aqueous Solutions Using *Elodea Canadensis* as Biofilter, Revista de Chimie, 68(10): 2270-2275, 2017. (FI = 1.412) DOI: 10.37358/RC.17.10.5869.

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1. Mahajan Pooja, Phytoremediation for degradation of Industrial Pollutants <http://dspace.chitkara.edu.in/jspui/handle/123456789/841> PhD thesis.
2. Maria Larion, Emil Ioan Muresan, Cezar-Doru Radu, Nicanor Cimpoesu, Nicanor Cimpoesu, Synthesis, Characterization and Use of Supported Co/gamma-Al2O3 for

the Removal of Reactive Blue 19 from Aqueous Solutions, *Revista de Chimie - Bucharest- Original Edition*- 69(1):228-231. DOI: 10.37358/RC.18.1.6078.

10. Robert Szép, Réka Keresztes, Attila Korodi, **Szende Tonk**, Mihaela Emanuela Craciun, Study of air pollution and atmospheric stability in Ciuc basin – Romania -, *Revista de Chimie*, 68(8): 1763-1767, 2017. (FI = 1.412) DOI: 10.37358/RC.17.8.5760.

Citări:

1. Ion-Andrei Nita, Lucian Sfică, Liviu Apostol, Crina Radu, Marius-Victor Birsan, Róbert Szép, Ágnes Keresztesi, Changes in cyclone intensity over Romania according to 12 tracking methods, *Romanian Journal of Physics*, <http://www.rrp.infim.ro/IP/AP454.pdf>
<https://www.scimagojr.com/journalsearch.php?q=21100399705&tip=sid&clean=0>
2. Adriana Mariana Bors, Cristina Mihaela Balaceanu, Iosif Lingvay, Urban ecological transport - A priority of the human society in crowded urban centers, *Electric Vehicles International Conference (EV) 2017*. DOI: 10.1109/EV.2017.8242107.
3. Agnes Keresztesi, Petres Sandor, Gina Ghita, Florina Diana Dumitru, Michaela Andreea Moncea, Alexandru Ozunu, Robert Szep, Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania, *Revista de Chimie*, Volume: 69, Issue: 1, 2018. (FI = 1.412).
4. Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita, The analysis of the chemical composition of precipitation during the driest year from the last decade. *Present Environment and Sustainable Development*, De Gruyter, 2019
5. Simona Raischi, Eduard Pană, Elena Holban, Ștefan Zamfir, Marius Raischi, Gyorgy Deak, Analysis of air and soil quality regarding the cross-border impact risk of the mining tailings ponds in Moldova Nouă area, *International Journal of Environmental Science and Development* 10(6):162-170 2018. DOI: 10.18178/ijesd.2019.10.6.1166.
6. Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita, The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin, *Present Environment and Sustainable Development*, De Gruyter, 2019.
7. Cattaneo Álvarez, Carlos Raú, ANÁLISIS DE LA DISPERSIÓN DE MATERIAL PARTICULADO GRUESO EMITIDO POR UNA FÁBRICA DE CERÁMICAS EN EL DISTRITO DE VILLA HAYES, PARAGUAY
8. Réka Boga, Attila Korodi, Ágnes Keresztesi, Gina Ghita, Mihaela Ilie, György Deák, Tropospheric ozone temporal variations and relationship to atmospheric oxidation in Ciuc basin, *ECOTERRA - Journal of Environmental Research and Protection*, Volume: 14, Issue: 2, 2017.
9. Zsolt Bodor, Katalin Bodor, Ágnes Keresztesi, Róbert Szép, Major air pollutants seasonal variation analysis and long-range transport of PM10 in an urban environment with specific climate condition in Transylvania (Romania), *Environ. Sci. Pollut. Res.* (2020). DOI: 10.1007/s11356-020-09838-2.
10. Tatar Adina Milena, Analysis of air Quality in the Area of Coal-fired Power Plants, *Revista de Chimie*, 69(6): 1403-1406, 2018.
11. Tatar Adina Milena, Research on CO Pollution in Urban Areas, *Revista de Chimie*, 69(5): 1075-1078, 2018.
12. Traian Rus, Alina Ruxana Caramitu, Livia Carmen Ungureanu, Virgil Marinescu, Adriana Mariana Bors, Danut Ionel Vaireanu, Ageing of Some Painting Materials Subjected to Thermal Treatment in Natural Esters, *Materiale Plastice*, 55(1): 28-32, 2018.

13. Model Driven Analysis of the Biosynthesis of 1,4-butanediol from Renewable Feedstocks in *Escherichia coli*, Authors: Zs. Bodor, Sz. Lanyi, B. Albert, K. Bodor, A.C. Nechifor, I. Miklossy. Source: *Revista de Chimie*, 70(11): 3808-3817, 2019.

11. Robert Szép, Réka Keresztes, **Szende Tonk**, Attila Korodi, Mihaela Emanuela Craciun, The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations in the Ciuc basin, Romania, *Revista de Chimie*, 68(4): 642-645, 2017. (FI = 1.412) DOI: 10.37358/RC.17.4.5522.

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1. Keresztes R., Rapo E., Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania, *Studia UBB Chemia*, LXII, 3, 2017 (p. 283-292)
2. Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita, The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin, *Present Environment and Sustainable Development*, De Gruyter, 2019.
3. Ágnes Keresztes, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita, The analysis of the chemical composition of precipitation during the driest year from the last decade, *Present Environment and Sustainable Development*, De Gruyter, 2019.
4. Agnes Keresztes, Petres Sandor, Gina Ghita, Florina Diana Dumitru, Michaela Andreea Moncea, Alexandru Ozunu, Robert Szep, Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania, *Revista de Chimie*, Volume: 69, Issue: 1, 2018. (FI = 1.412).
5. Ondrej Hegedus, Katarina Szarka, Alzbeta Hegedusova, Zsuzsanna Godany, Miroslav Slosar, Aurelia Cristina Nechifor, Szende Tonk*, Validation and Quality Assurance of Ascorbic Acid Determination in Agricultural Products, *Revista de Chimie -Bucharest-*, 70(7): 2309-2314, 2019. (FI = 1.605)
6. Róbert Szép, Elena Mateescu, Aurelia Cristina Nechifor, Ágnes Keresztes, 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*, 24(35): 27288-27302, 2017. DOI: 10.1007/s11356-017-0318-2.

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