

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

NUMELE ȘI PRENUMELE: SZÉP ROBERT-EUGEN

I. LISTA PUBLICAȚIILOR RELEVANTE

1. **R. Szép**, Zs. Bodor, I. Miklossy, I.A. Nita, O.A. Oprea, Á. Keresztesi, Influence of peat fires on the rainwater chemistry in intra-mountain basins with specific atmospheric circulations (Eastern Carpathians, Romania), Science of the Total Environment, Volume 647, Issue 1, Pages: 275-289, 2019. (**FI = 4.610, AIS = 1.032**)
2. **R. Szép**, E. Mateescu, I.A. Nita, M.V. Birsan, Zs. Bodor, Á. Keresztesi, 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. (**FI = 3.817, AIS = 0.990**)
3. **R. Szép**, E. Mateescu, A.C. Nechifor, Á. Keresztesi, 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. (**FI = 2.800, AIS = 0.557**)
4. Á. Keresztesi, S. Petres, G. Ghita, F.D. Dumitru, M.A. Moncea, A. Ozunu, **R. Szép***, Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania, Revista de Chimie, Volume: 69, Issue: 1, Page: 57-63, 2018. (**FI = 1.412, AIS = 0.047**)
5. **R. Szép**, R. Keresztes, A. Korodi, Sz. Tonk, M.E. Craciun - Study of air pollution and atmospheric stability in Ciuc basin – Romania - Revista de Chimie - Revista de Chimie, Volume: 68, Issue: 8, Page: 1763-1767, 2017. (**FI = 1.412, AIS = 0.047**)
6. **R. Szép**, R. Keresztes, Sz. Tonk, A. Korodi, M.E. Craciun - The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations in the Ciuc basin, Romania - Revista de Chimie - Volume: 68, Issue: 4, Page: 642-645, 2017. (**FI = 1.412, AIS = 0.047**)
7. **R. Szép**, R. Keresztes, A. Korodi, Sz. Tonk, A.G. Niculae, A.M. Barloiu Dew point – indirect particulate matter pollution indicator in the Ciuc basin – Harghita, Romania - Revista de Chimie, Volume: 67, Issue: 10, Page: 1914-1921, 2016. (**FI = 1.412, AIS = 0.057**)
8. **R. Szép**, R. Keresztes, Gy. Deák, F. Tobă, M. Ghimpușian - The dry deposition of PM₁₀ and PM_{2.5} to the vegetation and its health effect in the Ciuc basin – Revista de Chimie, Volume: 67, Issue: 4, Page: 639-644, 2016. (**FI = 1.412, AIS = 0.057**)

9. **R. Szép, R. Keresztes, L. Constantin** - Multi-model assessment of tropospheric ozone pollution indices of risk to human health and crops, and ozone deposition in Ciuc Depression – Romania, *Revista de Chimie*, Volume: 67, Issue: 3, Page: 408-413, 2016. (**FI = 1.412, AIS = 0.057**)
10. **R. Szép, L. Mátyás, R. Keresztes, M. Ghimpusan** – Tropospheric Ozone Concentrations - Seasonal and Daily Analysis and its Association with NO and NO₂ as a Function of NO_x in Ciuc Depression – Romania – *Revista de Chimie*, vol. 67., 2., Page: 205-213, 2016. (**FI = 1.412, AIS = 0.057**)
11. **R. Szép & L. Mátyás** - The role of regional atmospheric 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. (**FI = 0.671, AIS = 0.102**)

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

Cercetări privind reabilitarea ecologică a perimetrului minier Bălan (Research on the ecological rehabilitation of Bălan mining area); Prof. Univ. Dr. Ing. Arad Victor, Universitatea din Petroșani, în domeniul mine, petrol și gaze, data susținerii tezei de doctorat: 04.11.2011, calificativul: magna cum laude

B. Cărți publicate

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

1. 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

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

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.

1. Hidrogeologie generală

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. Robert Szép, Zsolt Bodor, Ildiko Miklossy, Ion-Andrei Nita, Oana A. Oprea, Ágnes Keresztesi, Influence of peat fires on the rainwater chemistry in intra-mountain basins with specific atmospheric circulations (Eastern Carpathians, Romania), Science of the Total Environment, Volume 647, 2019, Issue 1, Page: 275-289.
2. Marius-Victor Birsan, Dana-Magdalena Micu, Ion-Andrei Nita, Elena Mateescu, **Róbert Szép**, Ágnes Keresztesi, Spatio-Temporal Changes in Annual Temperature Extremes over Romania (1961-2013), Romania Journal of Physics, Vol. 64, 2019, (in press).
3. **Robert Szép**, Elena Mateescu, Ion-Andrei Nita, Marius-Victor Birsan, Zsolt Bodor, Ágnes Keresztesi, 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, 2018, Issue 1, Pages: 311 – 328.
4. **R. Szép**, E. Mateescu, A.C. Nechifor, Á. Keresztesi, 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, 2017, Issue:35, Page: 27288-27302.
5. Ágnes Keresztesi, Sandor Petres, Ghita Gina, Dumitru Florina-Diana, Mihaela Andreea Moncea, Alexandru Ozunu, **Robert Szép***, Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania, Revista de Chimie, Volume: 69, 2018, Issue: 1, Page: 57-63.
6. **Szép, R.**, Keresztes, R., Korodi A., Tonk, Sz., Craciun, M.E., - Study of air pollution and atmospheric stability in Ciuc basin – Romania - Revista de Chimie - Revista de Chimie, Volume: 68, 2017, Issue: 8, Page: 1763-1767.
7. **Szép, R.**, Keresztes, R., Tonk, Sz., Korodi A., Craciu, M.E., - The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations in the Ciuc basin, Romania - Revista de Chimie - Volume: 68, 2017, Issue: 4, Page: 642-645.
8. **Szép, R.**, Keresztes, R., Korodi A., Tonk, Sz., Niculae, A.G., Barloiu, A.M., - Dew point – indirect particulate matter pollution indicator in the Ciuc basin – Harghita, Romania - Revista de Chimie, Volume: 67, 2016, Issue: 10, Page: 1914-1921.
9. **Szép, R.**, Keresztes, R., Deák, Gy., Tobă, F., Ghimpușian, M. - The dry deposition of PM10 and PM2.5 to the vegetation and its health effect in the Ciuc basin – Revista de Chimie, Volume: 67, 2016, Issue: 4, Page: 639-644.
10. **Szép, R.**, Keresztes, R., Constantin, L., - Multi-model assessment of tropospheric ozone pollution indices of risk to human health and crops, and ozone deposition in Ciuc Depression – Romania, Revista de Chimie, Volume: 67, 2016, Issue: 3, Page: 408-413.
11. **Szép, R.**, MÁTYÁS L., Keresztes, R., Ghimpușan, M., - Tropospheric Ozone Concentrations - Seasonal and Daily Analysis and its Association with NO and NO2

as a Function of NO_x in Ciuc Depression – Romania – Revista de Chimie, vol. 67., 2., 2016, Page: 205-213.

12. Szende Tonk, Cornelia Majdik, **Robert Szép**, Maria Suciú, Ester Rápó, Boldizsár Nagy, Biosorption of Cd(II) ions from aqueous solution by eggshell waste kinetic and equilibrium isotherm studies, Revista de Chimie, Volume: 68, 2017, Issue: 9, Page: 1951-1958.
13. Ondrej HEGEDŰS, Zuzana ŠMOTLÁKOVÁ, Alžbeta HEGEDŰSOVÁ, Jarmila DUBAJOVÁ, Alena ANDREJIOVÁ, Silvia JAKABOVÁ, SZENDE TONK, **SZÉP RÓBERT**, Tímea PERNYESZI, Determination of Isocyanates in Workplace Atmosphere by HPLC, Revista de Chimie, Volume: 69, 2018, Issue: 2, Page: 625-630.
14. Anamaria Török, Boldizsár Nagy, Szende Tonk, Erzsébet Buta, Robert Szép, Cornelia Majdik, Alexandra Gabriela Niculae, Crystal violet dye removal from aqueous solutions using Elodea canadensis as biofilter, Revista de Chimie, Volume: 68, 2017, Issue: 10, Page: 2270-2275.
15. Eszter Rápó, **Róbert Szép**, Ágnes Keresztesi, Maria Suciú, Szende Tonk, Adsorptive Removal of Cationic and Anionic Dyes from Aqueous Solutions by Using Eggshell Household Waste as Biosorbent, Acta Chim. Slov, vol. 65, 2018, pages 709-717.
16. Holban Elena, Matei Monica, Gina Ghita, Raischi Marius, Fronescu Simona, Daescu Andreea, Petrache Gheorghe Ionut, Ilie Mihaela, **Robert Szép**, Moncea Andreea, Marinescu Florica, Tociu Carmen, ASSESSMENT OF ATMOSPHERIC POLLUTION IN A CEMENT FACTORY AREA SITUATED IN THE EASTERN PART OF ROMANIA, Journal of Environmental Protection and Ecology, Volume: 18, 2017, Issue: 3, Page: 819-830.
17. C. Tociu, **Robert Szép**, A. M. Anghel, F. Marinescu, M. Ilie, E. Holban, M. Matei, Gina Ghita, I. Popescu, A. Moncea, L. Laslo, A.I. Daescu, POSSIBILITIES FOR EFFICIENT USE OF VALUABLE MATERIALS FROM ALUMINIUM SLAG TO REMOVE SPECIFIC POLLUTANTS IN WASTEWATER, Journal of Environmental Protection and Ecology, Volume: 18, 2017, Issue: 3, Page: 842-852.
18. A.M. Anghel, F. Marinescu, M. Ilie, G. Ghiță, P. Ionescu, I. Mărcuș, C. Tociu, A. Moncea, M. Mîțiu, I. Popescu, **Robert Szép**, L. Laslo, E. Holban, ADVANCED PROCESSING OF ENVIRONMENTAL DATA FORESTABLISHING THE ECOLOGICAL STATUS OF THE LOWERDANUBE WATER IN TERMS OF NUTRIENTS, Journal of Environmental Protection and Ecology, Volume: 18, 2017, Issue:3, Page: 853-861.
19. Maria Vlad, Mihaela-Andreea Mîțiu, Ana-Maria Anghel, Lucian Laslo, Mihaela Ilie, **Robert Szép**, Gina Ghita, Monica Matei, Elena Holban, F. D. Dumitru, Recovery of galvanic sludge by psicho-chemical mechanism, Journal of Environmental Protection and Ecology, Volume: 18, 2017, Issue: 3, Page: 1117-1126.

20. Nicolae, A., Deak, Gy., Tudor, G., Cirstinoiu, C., Zamfir, A.S., Uritescu, B., Ghita, G., Georgescu, L.P., Raischi, M., Dumitru, D., Moncea, A.M., Laslo, L., **Szép, R.**, Comparative analysis on water velocity distribution in the context of riverbed morphology changes and discharge variation, Journal of Environmental Protection and Ecology, Volume: 18, 2017, Issue: 4, Page: 1649-1657.
21. Mihaela Ilie, Florica Marinescu, **Robert Szep**, Gina Ghita, György Deak, Ana-Maria Anghel, Alexandru Petrescu & Bogdan Uritescu; Ecological risk assessment of heavy metals in surface sediments from the Danube river – Carpathian Journal of Earth And Environmental Sciences, Vol. 12, 2017, No. 2, Pages: 437 – 445.
22. **Robert SZÉP & László MÁTYÁS** - The role of regional atmospheric stability in high-PM10 concentration episodes in Miercurea Ciuc (Harghita) – Carpathian Journal of Earth and Environmental Sciences, Volume: 9, 2014, Issue: 2, Page: 241-250.

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

1. Simona Natalia Raischi, Robert Szép, Cristina Mihaela Balaceanu, Marius Raischi, Diana Dumitru, Andreea Moncea, Lucian Laslo, György Deák, Ágnes Keresztesi, Air pollution analysis in Moldova Noua waste dump, Ecoterra, Volume: 14, 2017, Issue: 2, Pages: 70-77.
2. Florina-Diana Dumitru, Ana-Maria Panait, Marius-Viorel Olteanu, Elena Holban, György Deák, Robert Szép, Ágnes Keresztesi, Assessing the preservation state of a Romanian historic concrete icon – the Constanta Casino, Ecoterra, Volume: 14, 2017, Issue: 3, pp. 1-7.
3. Borboly Csaba, Szép Róbert, Contamination /respectively pollution with pesticides of the soils in the plant protection center of Miercurea Ciuc, Annals of the University of Petrosani, Mining Engineering, Volume: 13, 2012, Pages: 314-322.
4. Szép R., Arad, V., Arad, S., Salcia energetică o oportunitate privind utilizarea terenurilor degradate din zonele miniere, Revista Minelor, 2008, Issue: 9-10, Pages: 53-56.

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

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

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

C6. Lucrări științifice publicate în volumele manifestărilor științifice (ISI Proceedings)

1. **Szép Robert**, Borboly Csaba, Victor Arad, Susana Arad, Rehabilitation method of the areas wich are naturally contaminated with heavy elements in metaliferrous district of Bălan (România, Harghita, Eastern Carpathians) – immobilization with apatite, Ecology

and Environmental Protection, Environmental Legislation, Multilateral Relation and Funding Opportunities, Albena, Bulgaria, Volume V – ISSN 1314-2704, 2012, pages: 675 – 684.

2. Szép Robert, Borboly Csaba, Victor Arad, Susana Arad, Utilization of the Chauvenet statistical test in environmental researches respectively biogeochemical prospection for establishment of found value, threshold value and anomalous values, Ecology and Environmental Protection, Environmental Legislation, Multilateral Relation and Funding Opportunities, Albena, Bulgaria, Volume V, 2012, ISSN 1314-2704, Pages 995 – 1000.
3. Radu Violeta-Monica, Ionescu Petra, **Szép Robert**, Tănase Georgiana Simona, Raischi Simona, Evaluation of priority hazardous substances present in the sediments of the lower Danube section using multivariate statistical analysis, Water Resources. Forest, Marine and Ocean Ecosystems, Albena, Bulgaria, Volume 1, 2015, Page: 277-283, ISBN 978-619-7105-36-0, ISSN 1314-2704.
4. Ionescu Petra, Radu Violeta-Monica, **Szép Robert**, Tănase Georgiana Simona, Boboc Mădălina, Characterization of metal flow dynamics along the lower section of Danube River using correlation algorithms. Water Resources. Forest, Marine and Ocean Ecosystems, Albena, Bulgaria, Volume 1, 2015, Issue: 1, Page: 129-135, ISBN 978-619-7105-36-0, ISSN 1314-2704.
5. Tiberius Danalache, **Robert Szep**, Alin Badilita, Madalina Georgiana Boboc, Stefan Diaconescu, Ecological assessment of lower Danube river baed on the ichthyifauna structure and composition. Water Resources. Forest, Marine and Ocean Ecosystems, Albena, Bulgaria, Volume 1, 2015, Issue: 1, Page: 237-244, ISBN 978-619-7105-36-0, ISSN 1314-2704.
6. S., Petres, A., Korodi, R., Keresztes, **R.**, **Szép**, Tendencies and particularities in thermic inversion episodes in the Ciuc Basin – Eastern Carpathians, Romania, Applied and Environmental Geophysics, Albena, Bulgaria, Volume: 17, 2017, Issue: 14, Page: 445-452.
7. Attila Korodi, Sandor Petres, Agnes Keresztesi, **Robert Szep**, Sustainable Development. Theory or practice?, Environmental Legislation, Multilateral Relations and Funding Opportunities, Albena, Bulgaria, Volume: 17, 2017, Issue: 54, Page: 387-393.

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

E. Editare, coordonare de volume

1. Fokion VOSNIAKOS, Iulian BÎRSAN, Traian GOMOIU, György DEÁK, Marian TUDOR, Dumitru MURARIU, Nicolae PANIN, Puiu GEORGESCU, Violin RAYKOV, Andrei MUNTEAN, Simion NICOLAEV, **Robert SZÉP**, Liliana TÖRÖK, George POTERAȘ, Tania ZAHARIA, Deltas and Wetlands - 24th Symposium, vol. 3, Danube Delta Technological Information Center Publishing House, Tulcea, Romania, 2015, 45 p., ISSN 2344-3766.

2. Liviu Apostol, Corneliu Iașu, Robert Szép, Adrian Grozavu, Doru Jurvale, Georghe Jigău, Maria Nedelcov, Irina Ungureanu, Gheorghe Bacușcă, Adrian Ursu, Cătălin Planton, Mihai Bulai, Iuliana Breabăn, Alexandru Bănică, Viorel Paraschiv, Cristian Pricop, Present Environment and Sustainable Development – 13th edition, Book of abstracts, Iași, România, 2018, ISSN 1843-5971
3. Liviu Apostol, Adrian Ursu, Corneliu Iașu, Robert Szép, Adrian Grozavu, Doru Jurvale, Maria Nedelcov, Gheorghe Bacușcă, Ionuț Diaconu, Cătălin Planton, Iuliana Breabăn, Georghe Jigău, Gheorghe Tătaru, Alexandru Bănică, Viorel Paraschiv, Ștefan Kocsis, Present Environment and Sustainable Development – 14th edition, Book of abstracts, Iași, România, 2018, 115 p., ISSN 1843-5971
4. Liviu Apostol, Brahim Akdim, Asher Brenner, Gheorghe Damian, Gheorghe Duca, Pierre Dumolard, Adrian Grozavu, Micheline Hotyat, Charles Hussy, Corneliu Iașu, Nicoleta Ionac, Doru Jurvale, Haino Uwe Kasper, Radu Lăcătușu, Michael Maerker, Alberto Marini, Maria Nedelcov, Jean-Robert Pitte, Gheorghe Romanescu, Ion Sandu, Michael Sofer, **Robert Szép**, Robert Watrel, George W. White, Karl Benediktsson, Javier Calzada, Pierre L Ibisch, Present Environment and Sustainable Development, vol. 13, Editura Universității "Alexandru Ioan Cuza" Iași, Iași, România, 2018, ISSN 1843-5971

F. Brevete de invenții și alte titluri de proprietate

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

1. Grant - Intelligent Energy for Europe – RESINBUIL – Introduction of Renewable Energy Sources in Building sector, Serviciul Public de Management Energetic Harghita, Project Manager (2006 08 01 – 2008 01.02), EIE/05/210/SI2.420236, 01.01.2006 – 01.02 2008 – 18,936 euro
2. Grant - Intelligent Energy for Europe – e-TREAM, e-learning tool for training Energy Agencies in mobility management and alternative fuels, Serviciul Public de Management Energetic Harghita, Project Manager (2006. 08. 01. – 2008.11.19), EIE/05/094/SI2.419551, 01.01.2006-08.31 2008
3. Grant - Intelligent Energy for Europe – Energy Trophy + Competition, Serviciul Public de Management Energetic Harghita, Project Manager (2006 08. 01 – 2008. 11. 19), EIE/06/209/SI2.448705, 2006 01. 01 -2009. 02 28. Project partner value 35.672 euro
4. Grant – WideTheSEEbySuccMod – Serviciul Public de Management Energetic Harghita, Project Manager, SEE/A/080/2.4/X – 150.000 euro
5. Grant – Leonardo da Vinci – E-SUN contract nr. ES/05/B/F/PP-149315, Serviciul Public de Management Energetic Harghita, Project manager, 2000-2006. Project value – 43531 euro
6. Grant - Intelligent Energy for Europe – Save Agency – Serviciul Public de Management Energetic Harghita– Project manager – contract nr. SAVE 4.1031/A/02-002 , 85,508 euro

7. Proiect Național – Programul Operațional Sectorial Creșterea Competitivității Economice, axa prioritară – Tehnologia Informației și Comunicațiilor pentru sectoarele privat și public; domeniul major de intervenție – Dezvoltarea și Creșterea Eficienței Serviciilor Publice Electronice – Realizarea și implementarea unui sistem complex e-guvernare la Consiliul Județean Harghita; Consiliul Județean Harghita, Director proiect, nr. contract 304/321/18.05.2011; valoarea eligibilă a contractului de finanțare 6.062.626,60 RON; durata 28 luni

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, distincții.

J. Citări

Title: Study of air pollution and atmospheric stability in Ciuc basin

Author(s): **Róbert Szép**, Réka Keresztes, Attila Korodi, Szende Tonk

Source: Revista de Chimie, Volume: 68, Issue: 8, Page: 1763-1767, 2017

1. Title: Comparative study of air temperature evolution in the Ciuc depression

Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György

Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017

2. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation

Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György

Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017

3. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania

Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M.

Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017

4. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania.

Authors: Keresztes R., Rapo E.

Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)

5. Title: Urban ecological transport – A priority of the human society in crowded urban centers.

Authors: Bors AM, Balaceanu CM, Lingvay I.

Source: Electric Vehicles International Conference & Show, 5-6 October, 2017, Bucharest, DOI: 10.1109/EV.2017.8242107

6. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019
7. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019

Title: The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations in the Ciuc basin, Romania.

Author(s): **Szép, R.**, Keresztes, R., Korodi A., Tonk, Sz, M. E. Craciun
Source: Revista de Chimie, Volume: 68, Issue: 4, Page: 642-645, 2017

8. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania. Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017
9. Title: Comparative study of air temperature evolution in the Ciuc depression
Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017
10. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation. Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017
11. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania.
Authors: Keresztes R., Rápó E.
Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)
12. Title: 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, In press, 2019
13. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019
14. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019

Title: Ecological risk assessment of heavy metals in surface sediments from the Danube river
Author(s): Mihaela Ilie¹, Florica Marinescu, **Robert Szep**, Gina Ghita, György Deák, Ana-Maria Anghel, Alexandru Petrescu, Bogdan Uritescu

Source: Carpathian Journal of Earth And Environmental Sciences, Volume: 12 Issue: 2, Page: 437-445., 2017

15. Title: Assessment of Bastroe Channel possible impact on Lower Danube sturgeon migration. Author(s): Danalache, T.M., Badilita, A.M., Deák, G., Holban, E., Popescu, I., Daescu, A., Raichi, M.C., Ghita, G., Nicolae G.C., Diaconescu, S. Source: AACL Bioflux, Volume: 10, Issue: 5, Page: 1011-1018, 2017
16. Title: Evaluation of Emerging Contaminants in Drinking Water and Wastewater in South Romania. Author(s): MIHAELA ILIE, FLORICA MARINESCU, GINA GHITA, GYÖRGY DEÁK, ANA-MARIA ANGHEL, CARMEN TOCIU, MONICA MATEI, ELENA HOLBAN, MARIUS RAISCHI, STEFAN ZAMFIR, CONSTANTIN CIRSTINOIU. Source: International Journal of Environmental Science, Volume: 2, Page: 108-113, 2017
17. Title: Statistical correlations between physical and chemical indicators in order to assess the water quality of artificial lakes in south Romania, Bucharest-Ilfov area. Author(s): Ana-Maria Anghel, Elena Diacu, Mihaela Ilie, Cristina Cimpoeu, Florica Marinescu, Ecaterina Marcu, Carmen Tociu. Source: Biointerface Research in Applied Chemistry, Volume: 7, Issue: 2 Page: 2048-2052, 2017
18. Title: Developing the method for analytical determination of cadmium, arsenic and nickel in ambient air. Author(s): Gina Ghita, Maria-Iuliana Marcus, Irina-Elena Ciobotaru, Lucian Laslo, Ecaterina Marcu, Ioana Savin. Source: Biointerface Research in Applied Chemistry, Volume: 7, Issue: 4, Page: 2094-2097, 2017
19. Title: Technological solution for the treatment of wastewater resulting from metallic coatings using recovered products from metallurgical slag. Author(s): Cristina Maria, Gina Ghiță, Ecaterina Marcu, Iuliana Mărcuș, Mariana Mincu, Lucian Laslo, Ioana Savin. Source: Biointerface Research in Applied Chemistry, Volume: 7, Issue: 4, Page: 2090-2093, 2017
20. Title: Spatial distribution of heavy metal contamination and ecological risk assessment in water from the Danube River. Author(s): MIHAELA ILIE, FLORICA MARINESCU, GINA GHITA, ANA-MARIA ANGHEL, CARMEN TOCIU, IUSTINA POPESCU, MONICA MATEI, HOLBAN ELENA, GYÖRGY DEÁK, MARIUS RAISCHI, CONSTANTIN CIRSTINOIU, URITESCU BOGDAN. Source: International Journal of Environmental Science, Volume: 2, Page: 118-124, 2017
21. Title: Iono-molecular Separation with Composite Membranes. VII. Nitrophenols pertraction on capillary polypropylene S-EPDM composite membranes. Authors: ION MARIUS NAFLIU, HUSSAM NADUM ABDALRAHEEM AL ANI, ALEXANDRA RALUCA GROSU (MIRON), SZIDONIA KATALIN

TANCZOS, IOANA MAIOR, AURELIA CRISTINA NECHIFOR. Source: Materiale Plastice, Vol. 55, Issue 4, 2018

22. Title: In silico analysis of 1,4 – butanediol heterologous pathway impact on *Escherichia coli* metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019

Title: Dew point – indirect particulate matter pollution indicator in the Ciuc basin – Harghita, Romania. Author(s): Szép, R., Keresztes, R., Korodi A., Tonk, Sz., Niculae, A.G., Birloiu, A.M. Source: Revista de Chimie, Volume: 67, Issue: 10, Page: 1914-1921, 2016

23. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania. Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017
24. Title: Comparative study of air temperature evolution in the Ciuc depression. Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017
25. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation. Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017
26. Title: Developing the method for analytical determination of cadmium, arsenic and nickel in ambient air. Author(s): Gina Ghita, Maria-Iuliana Marcus, Irina-Elena Ciobotaru, Lucian Laslo, Ecaterina Marcu, Ioana Savin. Source: Biointerface Research in Applied Chemistry, Volume: 7, Issue: 4, Page: 2094-2097, 2017
27. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania. Authors: Keresztes R., Rapo E. Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)
28. Title: Evolution of tropospheric ozone and relationship with temperature and NO_x for the 2007-2016 decade in the Ciuc depression, Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu, Source: Revista de Chimie, vol. 69, nr. 3, pp: 602-608, 2018
29. Title: Model driven analysis of the biosynthesis of 1,4-butanediol from renewable feedstocks in *Escherichia coli*. Authors: Zs. Bodor, Sz. Lányi, B. Albert, K. Bodor, A.C. Nechifor, I. Miklóssy. Source: Revista de Chimie, In press, 2019
30. Title: In silico analysis of 1,4 – butanediol heterologous pathway impact on *Escherichia coli* metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019
31. Title: The influence of evapotranspiration and wet deposition on the variations of PM₁₀ concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019
32. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019

Title: The dry deposition of PM₁₀ and PM_{2.5} to the vegetation and its health effect in the Ciuc basin. Author(s): **Szép, R.**, Keresztes, R., Deák, Gy., Tobă, F., Ghimpușian, M., Craciun, E.M. Source: Revista de Chimie, Volume: 67, Issue: 4, Page: 639-644, 2016

33. Title: Economically Efficient Production of Hydro-Alcoholic Extracts from Medicinal Plants Study for Mentha Piperita L. Author(s): ALEXANDRA ANA CSAVDARI, CSABA RACZ, DANA MARIA SABOU, SZENDE AGNES TONK, ION DIN SPIRIDON. Source: Revista de chimie, Volume 67, Issue: 10, Page: 1906-1913, 2016
34. Title: Applicability of Ferromagnetic Nanoparticles in the Retention of Heavy Metals from Aqueous Solutions. Author(s): DUMITRA DANIELA CLEJ (SLAVE), IOANA LAVINIA ARDELEAN, GHEORGHE NECHIFOR. Source: Revista de chimie, Volume 68, Issue: 6, Page: 1320-1324, 2017
35. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania. Author(s): Keresztes, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017
36. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation. Author(s): Réka Boga, Attila Korodi, Ágnes Keresztes, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017
37. Title: Developing the method for analytical determination of cadmium, arsenic and nickel in ambient air. Author(s): Gina Ghita, Maria-Iuliana Marcus, Irina-Elena Ciobotaru, Lucian Laslo, Ecaterina Marcu, Ioana Savin. Source: Biointerface Research in Applied Chemistry, Volume: 7, Issue: 4, Page: 2094-2097, 2017
38. Title: Comparative study of air temperature evolution in the Ciuc depression. Author(s): Sándor Petres, Réka Boga, Ágnes Keresztes, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017
39. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania. Authors: Keresztes R., Rapo E. Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292).
40. Title: Evolution of tropospheric ozone and relationship with temperature and NO_x for the 2007-2016 decade in the Ciuc depression. Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu, Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018
41. The influence of evapotranspiration and wet deposition on the variations of PM₁₀ concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019
42. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztes, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019

Title: Multi-model assessment of tropospheric ozone pollution indices of risk to human health and crops, and ozone deposition in Ciuc Depression – Romania. Author(s): **Szép, R.**, Keresztes, R., Constantin, L. Source: Revista de Chimie, Volume: 67, Issue: 3, Page: 408-413, 2016

43. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania. Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017
44. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation. Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017
45. Title: Comparative study of air temperature evolution in the Ciuc depression. Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017
46. Title: Economically Efficient Production of Hydro-Alcoholic Extracts from Medicinal Plants Study for Mentha Piperita L. Author(s): ALEXANDRA ANA CSAVDARI, CSABA RACZ, DANA MARIA SABOU, SZENDE AGNES TONK, ION DIN SPIRIDON. Source: Revista de chimie, Volume 67, Issue: 10, Page:, 2016
47. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania. Authors: Keresztes R., Rapo E. Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)
48. Title: Evolution of tropospheric ozone and relationship with temperature and NOx for the 2007-2016 decade in the Ciuc depression. Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu. Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018
49. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019
50. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13 (1), 2019

Title: Tropospheric Ozone Concentrations - Seasonal and Daily Analysis and its Association with NO and NO₂ as a Function of NO_x in Ciuc Depression – Romania . Author(s): **Szép, R.**, László, M., Keresztes, R., Ghimpusan, M. Source: Revista de Chimie, Volume: 67, Issue: 2, Page: 205-213, 2016

51. Title: Applicability of Ferromagnetic Nanoparticles in the Retention of Heavy Metals from Aqueous Solutions. Author(s): DUMITRA DANIELA CLEJ (SLAVE), IOANA LAVINIA ARDELEAN, GHEORGHE NECHIFOR. Source: Revista de chimie, Volume 68, Issue: 6, Page: 1320-1324, 2017
52. Title: Comparative study of air temperature evolution in the Ciuc depression. Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017
53. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation. Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017

54. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania. Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017
55. Title: Economically Efficient Production of Hydro-Alcoholic Extracts from Medicinal Plants Study for *Mentha Piperita* L. Author(s): ALEXANDRA ANA CSAVDARI, CSABA RACZ, DANA MARIA SABOU, SZENDE AGNES TONK, ION DIN SPIRIDON. Source: Revista de chimie, Volume 67, Issue: 10, Page:, 2016
56. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania. Authors: Keresztes R., Rapo E. Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)
57. Title: MATHEMATICAL MODELLING OF POLLUTANT DISPERSION IN ATMOSPHERE RESULTING FROM AN ASPHALT MIXTURE PREPARATION PLANT. Authors: M. Ilie, Gy. Deak, AM Anghel, A. Keresztesi. Source: 17th International Multidisciplinary Scientific GeoConference SGEM 2017, Vienna GREEN Conference Proceedings, ISBN 978-619-7408-28-7, ISSN 1314-2704, At Vienna, Austria, Volume: Vol. 17, Issue 43, 429-436 pp
58. Title: Rayleigh-Bénard convection in the generalized Oberbeck-Boussinesq system
Authors: I.F. Barna, M.A. Pocsai, S. Lökös, L. Mátyás
Source: Chaos, Solitons and Fractals, Vol. 103, Page: 336-341, 2017. DOI: <http://dx.doi.org/10.1016/j.chaos.2017.06.024>
59. Title: Evolution of tropospheric ozone and relationship with temperature and NO_x for the 2007-2016 decade in the Ciuc depression
Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu
Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018
60. Evaluation of the Environmental Impact by FTIR Gas Analysis of Organic Solvents Used in the Pharmaceutical Industry. Authors: Sanda Voinea, Theodor Axene, Alexandra Serban, Cornelia Nichita, Revista de Chimie, Vol. 69, nr. 12, 2018
61. The influence of evapotranspiration and wet deposition on the variations of PM₁₀ concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019
62. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019

Title: The role of regional atmospheric stability in high-PM₁₀ concentration episodes in Miercurea Ciuc (Harghita). Author(s): **Robert SZÉP** & László MÁTYÁS. Source: Carpathian Journal of Earth and Environmental Sciences, Volume: 9, Issue: 2, Page: 241-250, 2014

63. Title: Comparative study of air temperature evolution in the Ciuc depression. Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017

64. Title: Applicability of Ferromagnetic Nanoparticles in the Retention of Heavy Metals from Aqueous Solutions. Author(s): DUMITRA DANIELA CLEJ (SLAVE), IOANA LAVINIA ARDELEAN, GHEORGHE NECHIFOR. Source: Revista de chimie, Volume 68, Issue: 6, Page: 1320-1324, 2017
65. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation. Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017
66. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania. Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017
67. Title: Developing the method for analytical determination of cadmium, arsenic and nickel in ambient air. Author(s): Gina Ghita, Maria-Iuliana Marcus, Irina-Elena Ciobotaru, Lucian Laslo, Ecaterina Marcu, Ioana Savin. Source: Biointerface Research in Applied Chemistry, Volume: 7, Issue: 4, Page: 2094-2097, 2017
68. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania. Authors: Keresztes R., Rapo E. Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)
69. Title: MATHEMATICAL MODELLING OF POLLUTANT DISPERSION IN ATMOSPHERE RESULTING FROM AN ASPHALT MIXTURE PREPARATION PLANT. Authors: M. Ilie, Gy. Deak, AM Anghel, A. Keresztesi. Source: 17th International Multidisciplinary Scientific GeoConference SGEM 2017, Vienna GREEN Conference Proceedings, ISBN 978-619-7408-28-7 / ISSN 1314-2704, At Vienna, Austria, Volume: Vol. 17, Issue 43, 429-436 pp
70. Title: Rayleigh–Bénard convection in the generalized Oberbeck–Boussinesq system. Authors: I.F. Barna, M.A. Pocsai, S. Lökös, L. Mátyás. Source: Chaos, Solitons and Fractals, Vol. 103, Page: 336-341, 2017. DOI: <http://dx.doi.org/10.1016/j.chaos.2017.06.024>
71. Title: Evolution of tropospheric ozone and relationship with temperature and NO_x for the 2007-2016 decade in the Ciuc depression. Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu. Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018.
72. The influence of evapotranspiration and wet deposition on the variations of PM₁₀ concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019
73. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019

Title: Chemical characteristics and source analysis on ionic composition of rainwater collected in the Carpathians "Cold Pole", Ciuc basin, Eastern Carpathians – Romania

Authors: R. Szép, E. Mateescu, A.C. Nechifor, Á. Keresztesi

Source: Environmental Science and Pollution Research, Vol. 24, Issue: 35, pp. 27288-27302, 2018

74. Title: Evolution of tropospheric ozone and relationship with temperature and NO_x for the 2007-2016 decade in the Ciuc depression
Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu

Q

Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018

75. Title: Characteristics and sources of mercury in precipitation collected at the urban, suburban and rural sites in a city of Southeast China. Authors: Lisi Zhao, Lingling, Xu, Xin Wu, Guoqing Zhao, Ling Jiao, Jinsheng Chen, Youwei Hong, Junjun Deng, Yanting Chen, Kai Yang, Gongren Hu, Ruilian Yu. Source: Atmospheric Research, Issue: 211, Pages: 21-29, 2018. DOI: 10.1016/j.atmosres.2018.04.019
76. Title: 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, In press, 2019
77. Title: Iono-molecular Separation with Composite Membranes. VII. Nitrophenols pertraction on capillary polypropylene S-EPDM composite membranes. Authors: ION MARIUS NAFLIU, HUSSAM NADUM ABDALRAHEEM AL ANI, ALEXANDRA RALUCA GROSU (MIRON), SZIDONIA KATALIN TANCZOS, IOANA MAIOR, AURELIA CRISTINA NECHIFOR. Source: Materiale Plastice, Vol. 55, Issue 4, 2018
78. Title: Source apportionment of heavy metals in urban road dust in a continental city of eastern China: Using Pb and Sr isotopes combined with multivariate statistical analysis. Authors: Lisi Zhao, Gongren Hu, Yu Yan, Ruilian Yu, Jianyong Cui, Xiaoming Wang, Yan Yan. Source: Atmospheric Environment, Issue: 201, Pages: 201-211, 2019. DOI: 10.1016/j.atmosenv.2018.12.050
79. Title: In silico analysis of 1,4 – butanediol heterologous pathway impact on *Escherichia coli* metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019
80. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019
81. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019

Title: Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania

Authors: Ágnes Keresztesi, **Robert Szép**, Alexandru Ozunu, Sandor Petres, Ghita Gina, Dumitru Florina-Diana, Mihaela Andreea Moncea

Source: Revista de Chimie, Volume: 69, Issue: 1, Page: 57-63, 2018

82. Title: Evolution of tropospheric ozone and relationship with temperature and NOx for the 2007-2016 decade in the Ciuc depression
Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu
Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018
83. Title: Iono-molecular Separation with Composite Membranes. VII. Nitrophenols pertraction on capillary polypropylene S-EPDM composite membranes. Authors: ION MARIUS NAFLIU, HUSSAM NADUM ABDALRAHEEM AL ANI, ALEXANDRA RALUCA GROSU (MIRON), SZIDONIA KATALIN

TANCZOS, IOANA MAIOR, AURELIA CRISTINA NECHIFOR. Source: Materiale Plastice, Vol. 55, Issue 4, 2018

84. Title: In silico analysis of 1,4 – butanediol heterologous pathway impact on *Escherichia coli* metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019
85. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019
86. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019

Title: Recovery of galvanic sludge by psicho-chemical mechanism, Authors: Maria Vlad , Mihaela-Andreea Mîțiu, Ana-Maria Anghel, Lucian Laslo, Mihaela Ilie, **Robert Szép**, Gina Ghita, Monica Matei, Elena Holban, F. D. Dumitru. Source: Journal of Environmental Protection and Ecology, Volume: 18, Issue: 3, Page: 1117-1126, 2017

87. Title: Electroplating for Decorative Applications: Recent Trends in Research and Development. Authors: Walter Giurlani, Giovanni Zangari, Filippo Gambinossi, Maurizio Passaponti, Emanuele Salvietti, Francesco Di Benedetto, Stefano Caporali, Massimo Innocenti. Source: Coatings 2018, 8, 260.

Title: POSSIBILITIES FOR EFFICIENT USE OF VALUABLE MATERIALS FROM ALUMINIUM SLAG TO REMOVE SPECIFIC POLLUTANTS IN WASTEWATER, Authors: C. Tociu, **Robert Szép**, A. M. Anghel, F. Marinescu, M. Ilie, E. Holban, M. Matei ,Gina Ghita, I. Popescu, A. Moncea, L. Laslo, A.I. Daescu, Source: Journal of Environmental Protection and Ecology, Volume: 18, Issue: 3, Page: 842-852, 2017

88. Title: 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, In press, 2019

Title: ASSESSMENT OF ATMOSPHERIC POLLUTION IN A CEMENT FACTORY AREA SITUATED IN THE EASTERN PART OF ROMANIA, Authors: Holban Elena, Matei Monica, Gina Ghita, Raischi Marius, Fronescu Simona, Daescu Andreea, Petrache Gheorghe Ionut, Ilie Mihaela, **Robert Szép**, Moncea Andreea, Marinescu Florica, Tociu Carmen, Source: Journal of Environmental Protection and Ecology, Volume: 18, Issue: 3, Page: 819-830, 2017

89. Title: 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, In press, 2019

Title: Influence of peat fires on the rainwater chemistry in intra-mountain basins with specific atmospheric circulations (Eastern Carpathians, Romania), Authors: Robert Szép, Zsolt Bodor, Ildiko Miklossy, Ion-Andrei Nita, Oana A. Oprea, Ágnes Keresztesi, Source: Science of the Total Environment, Volume 647, Issue 1, Pages: 275-289, 2019. DOI: <https://doi.org/10.1016/j.scitotenv.2018.07.462>

90. Title: 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, In press, 2019
91. Title: Iono-molecular Separation with Composite Membranes. VII. Nitrophenols pertraction on capillary polypropylene S-EPDM composite membranes. Authors: ION MARIUS NAFLIU, HUSSAM NADUM ABDALRAHEEM AL ANI, ALEXANDRA RALUCA GROSU (MIRON), SZIDONIA KATALIN TANCZOS, IOANA MAIOR, AURELIA CRISTINA NECHIFOR. Source: Materiale Plastice, Vol. 55, Issue 4, 2018
92. Title: In silico analysis of 1,4 – butanediol heterologous pathway impact on *Escherichia coli* metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019
93. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019
94. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019

Title: Effects of the Eastern Carpathians on atmospheric circulations and precipitation chemistry from 2006 to 2016 at four monitoring stations (Eastern Carpathians, Romania), Authors: Robert Szép, Elena Mateescu, Ion-Andrei Nita, Marius-Victor Birsan, Zsolt Bodor, Ágnes Keresztesi, Source: Atmospheric Research, Volume 214, Issue 1, Pages: 311 – 328, 2018. DOI: <https://doi.org/10.1016/j.atmosres.2018.08.009>

95. Title: 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, In press, 2019
96. Title: Iono-molecular Separation with Composite Membranes. VII. Nitrophenols pertraction on capillary polypropylene S-EPDM composite membranes. Authors: ION MARIUS NAFLIU, HUSSAM NADUM ABDALRAHEEM AL ANI, ALEXANDRA RALUCA GROSU (MIRON), SZIDONIA KATALIN TANCZOS, IOANA MAIOR, AURELIA CRISTINA NECHIFOR. Source: Materiale Plastice, Vol. 55, Issue 4, 2018
97. In silico analysis of 1,4 – butanediol heterologous pathway impact on *Escherichia coli* metabolism. Authors: Zsolt Bodor, Lehel Tompos, Aurelia Cristina Nechifor, Katalin Bodor. Source: Revista de Chimie, In press, 2019

98. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019
99. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019

Title: Tendencies and particularities in thermic inversion episodes in the Ciuc Basin – Eastern Carpathians, Romania. Author(s): Petres, S., Korodi, A., Keresztes, R., Szép R.

Source: Applied and Environmental Geophysics, Volume: , Issue: , Page: 445-452, 2017

100. Title: Comparative study of air temperature evolution in the Ciuc depression
Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017
101. Title: Tropospheric ozone temporal variations and relationship to atmospheric oxidation
Author(s): Réka Boga, Attila Korodi, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György. Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 44-51, 2017
102. Title: Chemical characteristics of wet precipitation in the Eastern Carpathians, Romania
Author(s): Keresztesi, Á., Korodi, A., Boga, R., Petres, S., Ghita, G., Ilie, M.
Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 52-59, 2017
103. Title: Statistical analysis of air pollution with specific regard to factor analysis in the Ciuc basin, Romania. Authors: Keresztes R., Rapo E. Source: STUDIA UBB CHEMIA, LXII, 3, 2017 (p. 283-292)
104. Title: Evolution of tropospheric ozone and relationship with temperature and NO_x for the 2007-2016 decade in the Ciuc depression. Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu. Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018
105. The influence of evapotranspiration and wet deposition on the variations of PM10 concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019
106. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019

Title: Sustainable Development. Theory or practice?. Author(s): Attila Korodi, Sandor Petres, Agnes Keresztesi, Robert Szep. Source: Environmental Legislation, Multilateral Relations and Funding Opportunities, Volume: 17, Issue: 54, Page: 387-393 , 2017

107. Title: Chemical Characteristics of Wet Precipitation in The Eastern Carpathians, Romania Author(s): Ágnes Keresztesi, Attila Korodi, Réka Boga, Sándor Petres, Ghita Gina, Ilie Mihaela Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue 2, Page 52-59, 2017
108. Title: Comparative study of air temperature evolution in the Ciuc depression Author(s): Sándor Petres, Réka Boga, Ágnes Keresztesi, Ghita Gina, Ilie Mihaela, Deák György Source: ECOTERRA - Journal of Environmental Research and Protection, Volume 14, Issue: 2, Page: 60-69, 2017
109. Title: Evolution of tropospheric ozone and relationship with temperature and NO_x for the 2007-2016 decade in the Ciuc depression. Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu. Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018
110. Title: The influence of evapotranspiration and wet deposition on the variations of PM₁₀ concentration in the Ciuc basin. Authors: Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Tímea Pernyeszi, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019
111. Title: The analysis of the chemical composition of precipitation during the driest year from the last decade. Authors: Ágnes Keresztesi, Réka Boga, Zsolt Bodor, Katalin Bodor, Szende Tonk, György Deák, Ion-Andrei Nita. Source: Present Environment and Sustainable Development, De Gruyter, vol. 13(1), 2019

Title: Evaluation of priority hazardous substances present in the sediments of the lower Danube section using multivariate statistical analysis. Author(s): Radu Violeta-Monica, Ionescu Petra, Szép Robert, Tănase Georgiana Simona, Raischi Simona. Source: 15th International Multipdisciplinary Scientific Geoconference SGEM, Water Resources. Forest, Marine and Ocean Ecosystems., Volume: 1, Issue: 1, Page: 277-283, 2015

112. Title: Assessment of transfer phenomena for heavy metals in a freshwater ecosystem: a field study Author(s): P. Ionescu, V.-M. Radu, E. Marcu, I. E. Ciobotaru, A. A. Ivanov. Source: Studia Ambientum, Issue 1-2, Page: 45-56, 2016
113. Title: Spatial and seasonal variations of heavy metals in water and sediment samples collected from the Lower Danube River. Author(s): P. Ionescu, V.-M. Radu, Gy. Deák. Source: Scientific Annals of the Danube Delta Institute, Volume: 21, Page: 41-48, 2016
114. Title: CLINOPTILOLITE VS. ACTIVATED CARBON AS A METHOD OF REMOVING HEAVY METALS FROM WATERS. Authors: Neamtu C, Pirau L., Tanaselea C, Chiorean G, Bolundut L., Pica E. Source: Studia Universitatis Babes-Bolyai Sociologia LXI(1-2):73-85 , 2016
115. Title: POTENTIAL RISK ASSESSMENT OF HEAVY METALS IN SEDIMENTS FROM SOME BUCHAREST LAKES. Authors: P. Ionescu, E. Diacu, E. Marcu, M.A. Moncea. Source: Bulletin of Romanian Chemical Engineering Society, Vol 4, No 1, 2017 ISSN 2360-4697

Title: Characterization of metal flow dynamics along the lower section of Danube River using correlation algorithms. Authors: Ionescu Petra¹, Radu Violeta-Monica¹, **Szép Robert**², Tănase Georgiana Simona¹, Boboc Mădălina. Source: [15th](#) International Multipdisciplinary Scientific Geoconference SGEM, Water Resources. Forest, Marine and Ocean Ecosystems. Volume 1, Issue: 1, Page: 129-135, 2015. Albena Bulgaria 2015

116. Title: Removal of heavy metals from aquatic environments using water hyacinth and water lettuce. Authors: Radu VM, Ionescu P, Diacu E, Ivanov AA. Source: Revista de Chimie, vol.68, nr. 12, pp: 2765-2767, 2017

Title: Air pollution analysis in Moldova Noua waste dump

Authors: Simona Natalia Raischi, **Robert Szép**, Cristina Mihaela Balaceanu, Marius Raischi, Diana Dumitru, Andreea Moncea, Lucian Laslo, György Deák, Ágnes Keresztesi
Source: Ecoterra, Volume: 14, Issue: 2, Pages: 70-77, 2017

117. Title: Evolution of tropospheric ozone and relationship with temperature and NOx for the 2007-2016 decade in the Ciuc depression. Authors: Sándor Petres, Szabolcs Lányi, Marisanda Pîrîianu. Source: Revista de Chimie, vol. 69, nr. 3, pp: , 2018

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10.06.2019

Semnătura,



