

LISTĂ DE LUCRĂRI

Articole științifice publicate în extenso în reviste cotate Web of Science cu factor de impact

1. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Chemical characteristics of size resolved atmospheric aerosols in Iasi, north-eastern Romania. Nitrogen-containing inorganic compounds controlling aerosols chemistry in the area, Atmospheric Chemistry and Physics, 18, 5879-5904, **2018**. (Factor impact: **5.509**)
2. [Negru, A.G.](#), Arsene, C., Zbancioc, A.M., Mangalagiu, I., Olariu, R.I., Physico-chemical behaviour of newly synthesized macrocyclic compounds. A reality between expectations and experimental evidences, Revista de Chimie Bucharest, 66, 9, 1339-1342, **2015**. (Factor impact: **1.412**)

Participări la manifestări științifice

Internaționale

1. Arsene, C., [Galon \(Negru\), A.G.](#), Mardare (Balusescu), G., Babusanu (Coman), A., Olariu, R.I., About ultrasound assisted extraction and its suitability for studying physico-chemical processes in various complex matrices, 2nd Caparica Christmas Conference on Sample Treatment, Lisbon, Portugal, pp. 79-80, 5-7 December **2016**.

Naționale

1. [Galon \(Negru\), A.G.](#), Amarandei, C., Riffault, V., Tomas, A., Duncianu, M., Olariu, R.I., Arsene, C., High resolution time-of-flight mass spectrometry in submicrometric aerosol particles characterization, National Conference of the Doctoral Schools from Universtaria Consortium, 1st Edition, Iasi, Romania, Book of Abstracts, pp. 27-28, oral communication, 31 October – 3 November **2018**.
2. Amarandei, C., [Galon \(Negru\), A.G.](#), Riffault, V., Tomas, A., Duncianu, M., Bejan, I.G., Olariu, R.I., Arsene, C., Attempts to characterize the organic aerosols using an Aerodyne High-Resolution Aerosol Mass Spectrometer, IasiChem 2018, Faculty of Chemistry Conference, Iasi, Romania, Book of Abstracts, pp. 33, poster, 25-26 October **2018**.
3. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Investigation on new atmospheric particles formation and growth in Iasi, north-eastern Romania, The XXXV-th Romanian Chemistry Conference, Posters Section, Calimanesti-Caciulata, Valcea, Romania, Book of Abstracts, pp. 16, poster, 03-05 October **2018**.
4. Amarandei, C., [Galon \(Negru\), A.G.](#), Mutzel, A., Herrmann, H., Olariu, R.I., Arsene, C., A preliminary investigation on the chemical composition of secondary organic aerosols in the north-eastern Romania, The XXXV-th Romanian Chemistry Conference, Posters Section, Calimanesti-Caciulata, Valcea, Romania, Book of Abstracts, pp. 3, poster, 03-05 October **2018**.
5. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Meteorological parameters role on the formation and growth of new atmospheric particles in Iasi urban area, The 9th Scientific Session of Undergraduate, Master and PhD Students, Iasi, Romania Book of Abstracts, pp. 5, comunicare, 29-30 June **2018**.
6. Amarandei, C., [Galon \(Negru\), A.G.](#), Cucu-Man, S.M., Olariu, R.I., Arsene, C., Assessment of lake water chemistry using statistical analysis, The 9th Scientific Session of Undergraduate, Master and PhD Students, Iasi, Romania Book of Abstracts, pp. 35, poster, 29-30 June **2018**.
7. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Atmospheric behavior of water soluble organic anions in fine and coarse particulate matter from Iasi, Romania, IasiChem 2017, Faculty of Chemistry Conference, Iasi, Romania, Book of Abstracts, pp. 28, poster, 26-28 October **2017**.
8. Amarandei, C., [Galon \(Negru\), A.G.](#), Cucu-Man, S.M., Olariu, R.I., Arsene, C., Pedologic, atmospheric or anthropogenic contributions as driving forces for aquaculture water quality. A case study for an artificial lake from the north-eastern Romania", IasiChem 2017, Faculty of Chemistry Conference, Iasi, Romania, Book of Abstracts, pp. 32, poster, 26-28 October **2017**.
9. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Size distributions of water soluble aluminum and magnesium in atmospheric aerosols from Iasi, România, The 8th Scientific Session of Undergraduate, Master and PhD Students, Iasi, Romania, Book of Abstracts, ISSN (online): 2067 – 2446, Acta Chemica Iasi, vol. 25(1), p. 102, poster, 30 Iunie **2017**.
10. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Vertical transport of continental air masses and their influence on the distribution of size resolved aerosols from Iasi, Romania, "Alexandru Ioan Cuza" University Days, Faculty of Chemistry Conference, Iasi, Romania, pp. 166, 27-28 October **2016**.

11. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Trace Water Soluble Ions in Fine Atmospheric Particles from Iasi, North-Eastern Romania, The International Conference in Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, (IC-ANMBES 2016), Florescu, M., Raicu, V., LeGac, S., Turcu, I., Maerty, J.L., Eds., Transilvania University Press, Brasov, ISSN 2360-3461, pp. 116, 29 Jun-01 July **2016**.
12. [Galon \(Negru\), A.G.](#), Pruna, I., Olariu, R.I., Arsene, C., Mono- and multimodal distributions of water soluble ionic species in urban particulate matter from Iasi, Romania, The 7th Scientific Session of Undergraduate, Master and PhD Students, Iasi, Romania, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, România, pp. 65, 24 June **2016**.
13. Soroaga, L.V., Olariu, R.I., [Galon \(Negru\), A.G.](#), Arsene, C., Elemental and morphological analysis of airborne particulate matter collected in Iasi, north-eastern Romania, The 7th Scientific Session of Undergraduate, Master and PhD Students, Iasi, Romania, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, România, pp. 66, 24 June **2016**.
14. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Atmospheric behavior and size distribution of water soluble acetate, formate and oxalate ions in urban aerosols from Iasi, Romania, International Conference CHIMIA 2016 "New Trends in Applied Chemistry", Ovidius University Press, Constanta, ISSN 2360-3941, pp. 34, 26-28 May **2016**.
15. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Particulate matter and gaseous pollutants variability in Iasi urban area, north-eastern Romania, 12th International Conference on Colloid and Surface Chemistry, Iasi, Romania, Institutul de Chimie Macromoleculară “Petru Poni” Iași, România, pp. 53, 16-18 May **2016**.
16. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C., Mass concentrations and chemical composition of size resolved atmospheric aerosols in the north-eastern Romania, Iasi region, Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE I), Cluj-Napoca, Romania, pp. 35, 12-14 May **2016**.
17. Marin, S.L., [Galon \(Negru\), A.G.](#), Mardare (Balusescu), G., Bejan, I., Olariu, R.I., Arsene, C., Gas-phase kinetic study of OH radical reactions with mesitylene in the newly designed ESCQ-UAIC chamber, Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE I), Cluj-Napoca, Romania, pp. 34, 12-14 May **2016**.
18. [Negru, A.G.](#), Zbancioc, G., Mangalagiu, I., Arsene, C., Olariu, R.I., Physico-chemical behaviour of newly synthesized organic compounds. A reality between expectations and experimental evidences, 3rd French-Romanian Colloquim on Medicinal Chemistry, pp. 216, 30-31 October, **2014**.
19. Tarcau, D., [Negru, A.G.](#), Vintu, V., Samuil, C., Cucu-Man, S.M., Influence of organic and mineral fertilization on the content of polyphenols and tannins of forages from a permanent grassland in north-eastern Romania (Cosna), “Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference & Mini-Hot-Conference: „Recent Achievements in Organic and Supramolecular Chemistry”, Iasi, Romania, pp. 51, 31 October-02 November, **2013**.