

FIȘĂ DE AUTOEVALUARE

în conformitate cu prevederile fișei de evaluare generală a standardelor Universității

ANEXA 1

DESCRIPTORI	PUNCTAJ
1. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> cu factor de impact	312,714
2. Articole științifice publicate <i>in extenso</i> în reviste indexate fără factor de impact	0
3. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI	0
4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor	0
5. Cărți științifice publicate (doar prima ediție)	0
6. Cărți științifice traduse și publicate în edituri din străinătate	0
7. Coordonarea și editarea de volume, traduceri și antologii	0
8. Articole publicate în dicționare și enciclopedii	0
9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	70,980
10. Contracte de cercetare în mediul de afaceri și sectorul public	0
11. Brevete	0
12. Citări și recenzii ale lucrărilor științifice	845,800
13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)	0
14. Profesor/cercetător invitat la universități/institute de cercetare	0
15. Editor/Membru în <i>Editorial Board & Advisory Board</i>	0
16. Premii internaționale obținute printr-un proces de selecție	0
17. Premii ale Academiei Române	0
18. Alte premii naționale ale instituțiilor culturale	23,889
19. Participări la manifestări științifice	91,000
TOTAL	1344,383

Data,

Dr. Alina-Giorgiana NEGRU,

LISTĂ DETALIATĂ

1. Articole științifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact ((factor de impact x 60 + 25)/nr. autori)**Total: 312,714 puncte**

- | | | |
|----|--|----------------------------|
| 1. | Amarandei, C., Negru, A.G. , Soroaga, L.V., Cucu-Man, S.M., Olariu, R.I., Arsene, C.; Assessment of surface water quality in the Podu Iloaiei dam lake (north-eastern Romania): Potential implications for aquaculture activities in the area, <i>Water</i> , 13, 2395, 2021 . | (3,103 x 60+25)/6= 35,196 |
| 2. | Galon (Negru), A.G. , Olariu, R.I., Arsene, C.; Size-resolved measurements of PM _{2.5} water-soluble elements in Iasi, north-eastern Romania: Seasonality, source apportionment and potential implications for human health, <i>Science of the Total Environment</i> , 695, 133839, 2019 . | (6,551 x 60+25)/3= 139,353 |
| 3. | 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, <i>Atmospheric Chemistry and Physics</i> , 18, 5879-5904, 2018 . | (5,668 x 60+25)/3= 121,693 |
| 4. | 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, <i>Revista de Chimie Bucharest</i> , 66, 9, 1339-1342, 2015 . | (0,956 x 60+25)/5= 16,472 |

9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)**Total: 70,980 puncte****Membri în echipe naționale (50 puncte pentru fiecare 500.000 lei/nr. membri echipa)**

- | | | |
|----|---|---------------|
| 1. | PN-III-P4-ID-PCE-2016-0270, 2017-2019, Ozonolysis as a formation route of secondary organic aerosols. Laboratory investigations on environmental reaction chamber (OLFA-ROA), UEFISCDI, 850000 RON. | 85/7= 12,142 |
| 2. | PN-III-P4-ID-PCE-2016-0807, 2017-2019, Investigations on atmospheric chemistry of cyclic oxygenated hydrocarbons (IGAC-CYCLO), UEFISCDI, 1000000 RON. | 100/7= 14,285 |
| 3. | PN-III-P4-ID-PCE-2016-0299, 2017-2019, Assessing the Anthropogenic and Biogenic Emissions Impact on Atmospheric Urban Fine Organic Particles in Eastern Romania. Solving the Challenge of the Aerosols Missing Mass as a One Step Forward Tool (AI-FORECAST), UEFISCDI, 850000 RON. | 85/8= 10,625 |
| 4. | PN-III-P2-2.1-PED-2016-0924, 2017-2019, Development And Validation of a Temperature Regulated Environmental Chamber for Studying Atmospheric Oxidation Processes and Mechanisms (DEV-TREC), UEFISCDI, 600000 RON. | 60/7= 8,571 |
| 5. | PN-II-RU-TE-2014-4-2461, 2015-2017, Studies on the Oxidation of Substituted AROMATIC Compounds under Simulated Atmospheric Conditions (SOS-AROMATIC), UEFISCDI, 550000 RON. | 55/7= 7,857 |
| 6. | PN-II-ID-PCE-2011-3-0471, 2011-2014, Evaluation of Volatile Organics in the Lower/Upper Troposphere - their Impact on the Oxidizing, Noxious and Aerosol Influx Capacity in Romania (EVOLUTION-AIR), UEFISCDI, 1050000 RON. | 105/6= 17,500 |

12. Citări și recenzii ale lucrărilor științifice (auto-citări excluse)**Total: 845,800 puncte****Reviste de specialitate din străinătate ((20 x factor de impact + 10)/nr. autori)**

[Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C.; Size-resolved measurements of PM_{2.5} water-soluble elements in Iasi, north-eastern Romania: Seasonality, source apportionment and potential implications for human health, *Science of the Total Environment*, 695, 133839, **2019**.

Total: 542,540 puncte

- | | | |
|----|---|--------|
| 1. | Fu, SJ; Yue, DL; Lin, WW; Hu, QS; Yuan, L; Zhao, Y; Zhai, YH; Mai, DJ; Zhang, HD; Wei, Q; He, LY, Insights into the source-specific health risk of ambient particle-bound metals in the Pearl River Delta region, China, <i>Ecotoxicology and Environmental Safety</i> , 224, 112642, 2021 . | 45,273 |
|----|---|--------|

2. Wang, HX; Shi, H, Particle retention capacity, efficiency, and mechanism of selected plant species: implications for urban planting for improving urban air quality, *Plants-Basel*, 10 (10), 2109, **2021**. 29,567
3. He, AN; Xie, JJ; Yuan, CG, Heavy metal speciation analysis and distribution characteristics in atmospheric particulate matters, *Progress in Chemistry*, 33 (9), 1627-1647, **2021**. 11,147
4. Wang, YY; Liu, BS; Zhang, YF; Dai, QL; Song, CB; Duan, LQ; Guo, LL; Zhao, J; Xue, ZG; Bi, XH; Feng, YC, Potential health risks of inhaled toxic elements and risk sources during different COVID-19 lockdown stages in Linfen, China, *Environmental Pollution*, 284, 117454, **2021**. 57,140
5. Yang, YH; Gao, D; Weber, RJ, A method for liquid spectrophotometric measurement of total and water-soluble iron and copper in ambient aerosols, *Atmospheric Measurement Techniques*, 14 (6), 4707-4719, **2021**. 31,173
6. He, XT; Liu, PP; Zhao, WY; Xu, HM; Zhang, RJ; Shen, ZX, Size distribution of water-soluble metals in atmospheric particles in Xi'an, China: Seasonal variations, bioavailability, and health risk assessment, *Atmospheric Pollution Research*, 12(6), 101090, **2021**. 32,347
7. Liang, S; Sun, C; Liu, CF; Jiang, LL; Xie, YJ; Yan, SH; Jiang, ZY; Qi, QW; Zhang, A, The Influence of Air Pollutants and Meteorological Conditions on the Hospitalization for Respiratory Diseases in Shenzhen City, China, *International Journal of Environmental Research and Public Health*, 18 (10), 5120, **2021**. 25,933
8. Wu, SP; Li, X; Cai, MJ; Gao, Y; Xu, C; Schwab, JJ; Yuan, CS, Size distributions and health risks of particle-bound toxic elements in the southeast coastland of China, *Environmental Science And Pollution Research*, **2021**. 31,487
9. Zhang, Y; Yang, LX; Bie, SJ; Zhao, T; Huang, Q; Li, JS; Wang, PC; Wang, YM; Wang, WX, Chemical compositions and the impact of sea salt in atmospheric PM₁ and PM_{2.5} in the coastal area, *Atmospheric Research*, 250, 105323, **2021**. 39,127
10. Zhao, KD; Li, MJ; Zhao, LX; Sang, N; Guo, LH, The identification of the major contributors in atmospheric particulate matter to oxidative stress using surrogate particles, *Environmental Science-Nano*, 8 (2), 527-542, **2021**. 57,540
11. Kataoka, H; Tanaka, K; Tazuya-Murayama, K; Yamashita, T; Nishikawa, J, Cytotoxic effects of water-soluble extracts of coarse and fine atmospheric particulate matter on mast cell lines, *Biological and Pharmaceutical Bulletin*, 44 (1), 57-62, **2021**. 18,220
12. Behrooz, RD; Kaskaoutis, DG; Grivas, G; Mihalopoulos, N, Human health risk assessment for toxic elements in the extreme ambient dust conditions observed in Sistan, Iran, *Chemosphere*, 262, 127835, **2021**. 50,573
13. Zhao, C; Wang, Y; Su, ZL; Pu, WY; Niu, MY; Song, SY; Wei, LL; Ding, YB; Xu, LZ; Tian, M; Wang, HW, Respiratory exposure to PM_{2.5} soluble extract disrupts mucosal barrier function and promotes the development of experimental asthma, *Science of the Total Environment*, 730, 139145, **2020**. 56,420
14. Taira, M; Sakakibara, K; Saeki, K; Ohira, SI; Toda, K, Determination of oxoanions and water-soluble species of arsenic, selenium, antimony, vanadium, and chromium eluted in water from airborne fine particles (PM_{2.5}): effect of acid and transition metal content of particles on heavy metal elution, *Environmental Science-Processes and Impacts*, 22 (7), 1514-1524, **2020**. 31,587
15. Nocon, K; Rogula-Kozłowska, W; Majewski, G; Rogula-Kopiec, P, Soluble inorganic arsenic species in atmospheric submicron particles in two polish urban background sites, *Sustainability*, 12 (3), 837, **2020**. 25,007

[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**.

Total: 303,260 puncte

1. Chansuebsri, S; Kraitsitnikul, P; Wiriya, W; Chantara, S, Fresh and aged PM_{2.5} and their ion composition in rural and urban atmospheres of Northern Thailand in relation to source identification, *Chemosphere*, 286, 131803, **2022**. 50,573
2. Park, SW; Choi, SY; Byun, JY; Kim, H; Kim, WJ; Kim, PR; Han, YJ, Different Characteristics of PM_{2.5} measured in downtown and suburban areas of a medium-sized city in South Korea, *Atmosphere*, 12 (7), 832, **2021**. 21,240
3. Zhao, KD; Li, MJ; Zhao, LX; Sang, N; Guo, LH, The identification of the major contributors in atmospheric particulate matter to oxidative stress using surrogate particles, *Environmental Science-Nano*, 8 (2), 527-542, **2021**. 57,540
4. Jiang, HM; Xiao, H; Song, H; Liu, J; Wang, T; Cheng, HR; Wang, ZW, A long-lasting winter haze episode in Xiangyang, Central China: Pollution characteristics, chemical composition, and health risk assessment, *Aerosol and Air Quality Research*, 20 (12), 2859-2873, **2020**. 23,753
5. Byun, JY; Kim, H; Han, YJ; Lee, SD; Park, SW, High PM_{2.5} concentrations in a small residential city with low anthropogenic emissions in South Korea, *Atmosphere*, 11 (11), 1159, **2020**. 21,240
6. Jiang, HM; Lei, XW; Xiao, H; Chen, DH; Zeng, P; Yang, XY; Wang, ZW; Cheng, HR, Pollution characteristics, chemical compositions, and population health risks during the 2018 winter haze episode in Jiangnan Plain, Central China, *Atmosphere*, 11 (9), 954, **2020**. 21,240
7. Luo, L; Zhang, YY; Xiao, H; Xiao, HW; Zheng, NJ; Zhang, ZY; Xie, YJ; Liu, C, Spatial distributions and sources of inorganic chlorine in PM_{2.5} across China in winter, *Atmosphere*, 10

- (9), 505, **2019**.
8. Ding, J; Zhao, PS; Su, J; Dong, Q; Du, X; Zhang, YF, Aerosol pH and its driving factors in Beijing, Atmospheric Chemistry and Physics, 19 (12), 7939-7954, **2019**. 21,240

18. Alte premii naționale ale instituțiilor culturale (20 puncte/număr persoane)

Total: **23,998** puncte

- Premiul "Cea mai bună comunicare" obținut la sesiunea de postere desfășurată în cadrul Sesiunii de Comunicări științifice ale Studenților, Masteranzilor și Doctoranzilor, Facultatea de Chimie, 30 Iunie 2018.
1. ([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, **2018**.) 20/3 = 6,666
- Premiul "Cel mai bun poster" obținut la sesiunea de postere desfășurată în cadrul Zilelor Universității "Alexandru Ioan Cuza" din Iași, Facultatea de Chimie, 26-28 Octombrie 2017.
2. (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, **2017**.) 20/5 = 4,000
- Premiul I obținut la sesiunea de postere desfășurată în cadrul Sesiunii de Comunicări științifice ale Studenților, Masteranzilor și Doctoranzilor, Facultatea de Chimie, 24 Iunie 2017.
3. ([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, **2017**.) 20/3 = 6,666
- Premiul III obținut la sesiunea de comunicări orale desfășurată în cadrul Zilelor Universității "Alexandru Ioan Cuza" din Iași, Facultatea de Chimie, 27-28 Octombrie 2016.
4. ([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 Book of Abstracts, ISSN 2067-2438, ISSN (online): 2067 – 2446, Acta Chemica Iasi, vol. 24(2), p. 166, 27–28 October, **2016**.) 20/3 = 6,666

19. Participări la manifestări științifice

Total: **91,000** puncte

Naționale **5,000** puncte

Membru Comitet Organizare Conferința Facultății de Chimie, IasiChem 2018, Iași, 25-26 Octombrie 2018.

Alte lucrări și contribuții științifice

Internaționale **40,000** puncte (10x4)

- Amarandei, C., [Negru, A.G.](#), Olariu, R.I., Arsene, C.; Investigation of size-resolved anthropogenic secondary organic aerosol molecular tracers derived from aromatic hydrocarbons, International Conference on Aerosol Science and Technology, Prague, Czechia, poster presentation, 3–4 September, **2020**.
- [Galon \(Negru\), A.G.](#), Amarandei, C., Olariu, R.I., Arsene, C.; Source apportionment of PM_{2.5} mass concentrations in Iasi urban area, north-eastern Romania, European Aerosol Conference 2019 (EAC 2019), Gothenburg, Sweden, Source Apportionment Section, Conference Program, pp. 22, O1-F5-A, oral presentation, 25–30 August, **2019**.
- Amarandei, C., [Galon \(Negru\), A.G.](#), Mutzel, A., Herrmann, H., Olariu, R.I., Arsene, C.; First experimental evidences on the α/β -pinene oxidation products contribution to the urbane particulate matter in Iasi, north-eastern Romania, European Aerosol Conference 2019, Gothenburg, Sweden, Source Apportionment Section, Conference Program, p. 113, P3-026, poster presentation, 25–30 August, **2019**.

4. 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, Proceedings Book, ISBN 978-989-99639-2-4, Lisbon, Portugal, pp. 79-80, oral presentation, 5–7 December, **2016**.

Naționale 46,000 puncte (23x2)

1. Amarandei, C., [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C.; Investigarea markerilor moleculari organici din atmosfera urbană prin HPLC-ESI-ToF-MS. Dezvoltare de metodă, National Conference of the Doctoral Schools from Universitaria Consortium, 2nd Edition, Timisoara, Romania, Book of Abstracts, p. 38, oral presentation, 11–14 November, **2019**.
2. Amarandei, C., [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C.; Characterization of phenolic biomass burning molecular tracers in size-resolved atmospheric aerosols, IasiChem 2019, Faculty of Chemistry Conference, Iasi, Romania, Book of Abstracts, p. 17, poster presentation, 31 October – 1 November, **2019**.
3. [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C.; The nucleation and growth rates of atmospheric particles in Iasi, north-eastern Romania, The 10th Scientific Session of Undergraduate, Master and PhD Students, Iasi, Romania, poster presentation, 20–21 June, **2019**.
4. Amarandei, C., [Galon \(Negru\), A.G.](#), Olariu, R.I., Arsene, C.; High-performance liquid chromatography time-of-flight mass spectrometry method development for investigation of organic aerosols, The 10th Scientific Session of Undergraduate, Master and PhD Students, Iasi, Romania, Book of Abstracts, p. 46, 20–21 June, **2019**.
5. [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, p. 27, oral presentation, 31 October – 3 November, **2018**.
6. 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, p. 33, poster presentation, 25–26 October, **2018**.
7. [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, Calimanesti-Caciulata, Valcea, Romania, Book of Abstracts, p. 16, poster presentation, 03–05 October, **2018**.
8. 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, Calimanesti-Caciulata, Valcea, Romania, Book of Abstracts, p. 3, poster presentation, 03–05 October, **2018**.
9. [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, ISSN 2067-2438, ISSN (online): 2067 - 2446, Acta Chemica Iasi, vol. 26(2), p. 373, oral presentation, 29–30 June, **2018**.
10. 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, ISSN 2067-2438, ISSN (online): 2067- 2446, Acta Chemica Iasi, vol. 26(2), p. 389, poster presentation, 29–30 June, **2018**.
11. [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, Iasi, Romania, Faculty of Chemistry Conference Book of Abstracts, ISSN 2067-2438, ISSN (online): 2067 – 2446, Acta Chemica Iasi, vol. 25(2), p. 322, poster presentation, 26–28 October, **2017**.
12. 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, Iasi, Romania, Faculty of Chemistry Conference Book of Abstracts, ISSN 2067-2438, ISSN (online): 2067 – 2446, Acta Chemica Iasi, vol. 25(2), p. 324, poster presentation, 26–28 October, **2017**.

13. [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 2067-2438, ISSN (online): 2067 – 2446, Acta Chemica Iasi, vol. 25(1), p. 102, poster presentation, 30 June, **2017**.
14. [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 Book of Abstracts, ISSN 2067-2438, ISSN (online): 2067 – 2446, Acta Chemica Iasi, vol. 24(2), p. 166, oral presentation, 27–28 October, **2016**.
15. [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), 29 June–01 July, 2016, Brasov, Romania, Book of abstracts, Florescu, M., Raicu, V., LeGac, S., Turcu, I., Maerty, J.L., Eds., Transilvania University Press, ISSN 2360-3461, p. 116, poster presentation, 29 June–01 July, **2016**.
16. [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 Book of Abstracts, ISSN 2067-2438, ISSN (online): 2067 – 2446, Acta Chemica Iasi, vol. 24(1), p. 65, poster presentation, 24 June, **2016**.
17. 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 Book of Abstracts, ISSN 2067-2438, ISSN (online): 2067 – 2446, Acta Chemica Iasi, vol. 24(1), p. 66, poster presentation, 24 June, **2016**.
18. [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". Book of abstracts, vol. 2, ISSN 2360-3941, Ovidius University Press, Constanta 2016, p. 34, oral presentation, 26–28 May, **2016**.
19. [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 Book of abstracts, p. 53, poster presentation, 16–18 May, **2016**.
20. [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) Book of abstracts, p. 35, poster presentation, 12–14 May, **2016**.
21. Marin, S.L., [Galon \(Negru\), A.G.](#), Mardare (Balusescu), G., Bejan, I., Olariu, R.I., Arsene, C.; Gas-phase kinetic study of on radical reactions with mesitylene in the newly designed ESCQ-UAIC chamber, Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE I) Book of abstracts, p. 34, poster presentation, 12–14 May, **2016**.
22. [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 Colloquium on Medicinal Chemistry, Iasi, Romania Book of Abstracts, ISSN 2067-2438, ISSN (online): 2067-2446, Acta Chemica Iasi, vol. 22(2), p. 216, poster presentation, 30–31 October, **2014**.
23. 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” Book of Abstracts, ISSN 2067-2438, ISSN (online): 2067-2446, Acta Chemica Iasi, vol. 21(2) Supplement, p. 51, poster presentation, 31 October – 02 November, **2013**.

Data,

Dr. Alina-Giorgiana NEGRU,