

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	140,457
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	0
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	58,000
TOTAL	288,435

LISTĂ DETALIATĂ

ACTIVITATEA DE CERCETARE

Total CERCETARE: **288,435** puncte

1. Articole științifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact

Total: **140,457** puncte

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**. (5.509 x 60+25)/3= 118,513
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**. (1.412 x 60+25)/5= 21,944

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

Membru 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, 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

18. Alte premii naționale ale instituțiilor culturale

Total: **23,998** puncte

1. 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.
([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
2. 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 20/5 = 4,000

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Octombrie 2017.

(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**.)

3. 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. 20/3 = 6,666
([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**.)
4. Premiul III obținut la sesiunea de postere desfășurată în cadrul Zilelor Universității "Alexandru Ioan Cuza" din Iași, Facultatea de Chimie, 27-28 Octombrie 2016. 20/3 = 6,666
([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**.)

19. Participări la manifestări științifice

Total: 53,000 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 10,000 puncte (10x1)

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, **2016**.

Naționale 38,000 puncte (19x2)

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**.

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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, 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, 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, 30 June, **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**.

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