A.3.2.2. Cel puțin 50% dintre conducătorii de doctorat arondați unui domeniu de studii doctorale continuă să fie activi în plan științific, obținând cel puțin 25% din punctajul solicitat prin standardele minimale CNATDCU în vigoare la data evaluării, necesare și obligatorii pentru obținerea atestatului de abilitare, pe baza rezultatelor științifice din ultimii 5 ani.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Nume** | **Prenume** | **Indeplinire criterii** | **Indeplinire 25% din**  **criterii in ultimii 5 ani** |
| 1 | DEMETRESCU | Ioana | DA | DA |
| 2 | DIACU | Elena | NU | NU |
| 3 | GEANĂ | Dan | NU | NU |
| 4 | ION | Alina Catrinel | DA | DA |
| 5 | IULIAN | Olga | NU | NU |
| 6 | MEGHEA | Aurelia | DA | DA |
| 7 | RADU | Gabriel Lucian | DA | DA |
| 8 | ROŞCA | Sorin | NU | NU |
| 9 | VAN STADEN | Raluca Ioana | DA | DA |
| 10 | VIŞAN | Teodor | NU | NU |
| **TOTAL membri care îndeplinesc standardele minimale** | | | **5** | **5** |
| **Procent membri care îndeplinesc standardele minimale** | | | **50%** | **50%** |

Indeplinirea detaliata a criteriilor este prezentata in tabelul de mai jos

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Conducator de doctorat** | | | | **Indeplinire crierii minim 25%** |
| 1. | **Raluca Ioana van Staden** | | | | **DA** |
|  | N max =10 | FIC =20 | Fic p =7 | FIC ap =10 | FIC ac =5 |
| 5 | 20,69 | 20,69 | 20,69 | 20,69 |
| 1. Molecular recognition of nitrites and nitrates in water samples using graphene-based stochastic microsensors, RI Stefan-van Staden\*, M Mincu, JF van Staden, LA Gugoasa, Analytical Chemistry 90(16), 9997-10000, 2018, IF 6,042  2. Molecular recognition of pyruvic acid and L-lactate in early-diabetic stage, R.I. Stefan-van Staden\*, I. Popa-Tudor, C Ionescu-Tirgoviste, R.A. Stoica, J Electrochem Soc, 165(14), B659-B664, 2018, IF 3,662  3. Molecular screening of blood samples for the simultaneous detection of CEA, HER-1, NSE, CYFRA 21-1 using stochastic sensors, RI Stefan-van Staden\*, IR Comnea-Stancu, CC Surdu-Bob, J Electrochem Soc,, 164(6), B267-B273, 2017, IF 3,662  4. New nanostructured materials detect dopamine in biological fluids, RI Stefan-van Staden\*, LR Balahura, A Oprisanu-Vulpe, LA Gugoasa, JF van Staden, EM Ungureanu, C Socaci, J Electrochem Soc, 164(12), B561-B566, 2017, IF 3,662  5. Determination of p53 using Graphite Based Amperometric Sensors, R.I. Stefan-van Staden\*, A.J.M. AL-Ogaidi, L.A. Gugoasa, J Electrochem Soc., 164(12), B502-B505, 2017, IF 3,662 | | | | |
| **2.** | **Radu Gabriel Lucian** | | | | **DA** |
|  | N max =10 | FIC =20 | Fic p =7 | FIC ap =10 | FIC ac =5 |
| 7 | 26,077 | 26,077 | 10,167 | 10,167 |
| 1. Botoran, O.R., Ionete, R.E., Miricioiu, M.G., Costinel, D., Radu, G.L., Popescu, R., Amino acid profile of fruits as potential fingerprints of varietal origin, (2019) Molecules, 24 (24), art. no. 4500, IF 3,267.  2. Paun, G., Neagu, E., Moroeanu, V., Albu, C., Savin, S., Lucian Radu, G.\*, Chemical and Bioactivity Evaluation of Eryngium planum and Cnicus benedictus Polyphenolic-Rich Extracts, (2019) BioMed Research International, 2019, art. no. 3692605 IF 2,276  3. Paun, G., Neagu, E., Albu, C., Savin, S., Radu, G.L.\*, In Vitro Evaluation of Antidiabetic and Anti-Inflammatory Activities of Polyphenolic-Rich Extracts from Anchusa officinalis and Melilotus officinalis, (2020) ACS Omega, 5 (22), pp. 13014-13022 IF 2,870  4. Paun, G., Neagu, E., Moroeanu, V., Albu, C., Ursu, T.-M., Zamfirescu, A., Negres, S., Chirita, C., Radu, G.L**.\***, Anti-inflammatory and antioxidant activities of the Impatiens noli-tangere and Stachys officinalis polyphenolic-rich extracts, Brazilian Journal of Pharmacognosy, ISSN: 0102-695X, 28 (1), pp. 57-64, 2018 IF 1,754  5. Neagu, E., Paun, G., Constantin, D., Radu, G.L.\* Cytostatic activity of Geranium robertianum L. extracts processed by membrane procedures (2017) Arabian Journal of Chemistry, 10, pp. S2547-S2553. FIC 3,298  6. Bucur, M.P., Bucur, B., Radu, G.L., Simple, selective and fast detection of acrylamide based on glutathione S-transferase, RSC Advances, ISSN: 2046-2069, 8(42), p.p. 23931-23936, 2018, WOS:000437475600050 FIC 3,049  7. Vasilescu, I., Eremia, S.A.V., Kusko, M., Radoi, A., Vasile, E., Radu, G.-L. - Molybdenum disulphide and graphene quantum dots as electrode modifiers for laccase biosensor, Biosensors and Bioelectronics, ISSN 0956-5663, 75, pp. 232-237, 2016, WOS:000362862000032 FI 9,518 | | | | |
| **3.** | **Alina Catrinel Ion** | | | | **DA** |
|  | N max =10 | FIC =20 | Fic p =7 | FIC ap =10 | FIC ac =5 |
| 9 | 22,122 | 22,122 | 13,041 | 13,041 |
| 1. I. Ion, R.M. Senin, B. Vasile, A.C. Ion\*, "Influence of the matrix of aqueous solutions on the adsorption of endocrine disruptors by fullerene C60", J. Environ. Eng. and Landscape Management, 2019, 27(1), 1-11, ISSN 1648-6897, IF 2,883  2. R.M.Senin, I.Ion, O.Ovidiu, B.Vasile, R.Stoica, R.Ganea, A.C.Ion\*, Sorption of Bisphenol A (BPA) in Aqueous Solutions on Fullerene C60, Rev.Chim.(Bucureşti),69(6), pp. 1309 – 1314, 2018, IF 1,755  3. R.M. Senin, I. Ion, A.C.Ion\*, “A sorption study of bisphenol a in aqueous solutions on pristine and oxidized multi-walled carbon nanotubes”, Polish Journal of Environmental Studies 27(5), 2018, pp.2245-2257, IF 1,383  4. R.M.Senin, I.Ion, O.Oprea, R.Stoica, R. Ganea, A.C Ion\*, “Sorption of bisphenol a in aqueous solutions on irradiated and as-grown multiwalled carbon nanotubes”, Revista de chimie, 69(5),2018, 1233-1239, ISSN: 0034-7752, IF 1,755  5. Radu, E., Oprescu, E.E., Enascuta, C.E., Calin, C., Stoica, R., Scaeteanu, G.V., Vasilievici, G., Capra, L., Ivan, G., Ion, A.C\*. "Kinetic adsorption of humic acids mixture obtained from microalgae on exfoliated graphite nanoplatelets", Revista de ChimieVolume 69, Issue 1, January 2018, Pages 191-195, IF 1,755  6. L.Capra, M.Manolache, Ion, I., Radu, E., Ion, A.C.\*, The optimization and validation of a method for Sb determination from pet by ICP-OES, Revista de chimie, 68(9),2017 , pp. 1969-1973, WOS:000416748800004,ISSN: 0034-7752, IF 1,755  7. E.Radu, R.Stoica, S.M.Doncea, G.Vasilievici, E.E.Oprescu, I.Bolocan, Ahmed Jassimmuklive Al-Ogaidl, I.Ion, A.C.Ion\*, “ Vancomycin sorption on pristine and oxidized exfoliated graphite nanoplatelets”, Rev.Chim.(Bucharest) 67 (3), 2016, p.401-407, ISSN 0034-7752, IF 1,755  8. C. M. Mihailescu, D. Stan, M. Savin, C.A. Moldovan, S. Dinulescu, C.H. Radulescu, B. Firtat, G. Muscalu, C. Brasoveanu, M. Ion, D. Dragomir, D. Stan, A.C. Ion, "Platform with biomimetic electrochemical sensors for adiponectine and leptine detection in human serum", Talanta, 2020, 210(1), 120643, IF 5,339  9. R.M. Calin, I. Radulescu, A.C. Ion, L. Capra, E.R. Almasan, "Investigations on chemical composition and natural radioactivity levels from salt water and peloid used in pelotherapy from the Techirghiol lake, Romania", Environ. Geochem. and Health, 2020, 42(2), 513-529, IF 3,742 | | | | |
| **4.** | **Ioana Demetrescu** | | | | **DA** |
|  | N max =10 | FIC =20 | Fic p =7 | FIC ap =10 | FIC ac =5 |
| 5 | 21,668 | 21,668 | 17,27 | 17,27 |
| 1. Nanomechanical properties of zirconium anodized in a mixture of electrolytes with fluoride ions, Pantazi, Aida, Vardaki, Maria, Mihai, Geanina, Totea, Georgeta, Demetrescu, Ioana\*, Enachescu, Marius, JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, 2020, 112, 104084 IF 3,372  2. The Trends of TiZr Alloy Research as a Viable Alternative for Ti and Ti16 Zr Roxolid Dental Implants, Ionita, Daniela, Pirvu, Cristian, Stoian, Andrei Bogdan, Demetrescu, Ioana\*, COATINGS, 2020, Volume: 10, 422, IF 2,436  3. Understanding surface and interface properties of modified Ti50Zr with nanotubes, Pantazi, Aida, Vardaki, Maria, Mihai, Geanina, Ionita, Daniela, Stoian, Andrei Bogdan, Enachescu, Marius, Demetrescu, Ioana\*, APPLIED SURFACE SCIENCE, 2020, 506, 144661, IF 6,182  4. Nanotubes and nano pores with chitosan construct on TiZr serving as drug reservoir, Stoian, Andrei Bogdan, Demetrescu, Ioana, Ionita, Daniela, COLLOIDS AND SURFACES B-BIOINTERFACES, 2020, 185, 110535, IF 4,389  5. Post treatments effect on TiZr nanostructures fabricated via anodizing, Vardaki, Maria, Mohajernia, Shiva, Pantazi, Aida, Nica, Ionela Cristina, Enachescu, Marius, Mazare, Anca, Demetrescu, Ioana\*, Schmuki, Patrik, JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, 2020, 8, 5802-5812 IF 5,289. | | | | |
| 5. | **Aurelia MEGHEA** | | | | **DA** |
|  | N max =10 | FIC =20 | Fic p =7 | FIC ap =10 | FIC ac =5 |
| 6 | 22,97 | 22,97 | 11,139 | 11,139 |
| 1. Stefan, DS, Zainescu, G, Manea-Saghin, AM, Triantaphylou, IT, Tatoulis, TI, Syriopoulos, GT, Meghea, A\*. Collagen-based hydrogels composites from hide waste to produce smart fetilizers.*Materials*. 13, 19, 4396, 2020; IF = 3,057  2. Lacatusu, I, Badea, N, Udeanu, D, Coc, L, Pop, A, Negut, CC, Tanase, C, Stan, R, Meghea, A. Improved anti-obesity effect of herbal active and endogenous lipid nanocarriers: Preparation, in vitro and in vivo evaluation. *Materials Science&Engineering C – Materials for Biological Applications,* 99, 12,-24, 2019; IF = 5,88  3. Tzoumani, I, Lainioto, GC, Aletras, AJ, Zainescu , Stefan, G, Meghea, A\*, Modification of collagen derivatives with water-soluble polymers for the development of cross-linked hudrogels for controlled release, *Materials,* 12 (24), 4067, 2019, IF = 3,057  4. Petcu, A, Meghea, A, Rogozea, EA, Olteanu, NL, Lazar CA, Cadar, D, Crisciu, AV, Mihaly, M. No catalyst Dye Photodegradation in a Microemulsion Template. *ACS Sustainable Chemistry&Engineering*. 2017, 5, 5273-5283; IF = 5,951;  5. Voicescu, M, Petra H, Meghea A\*. Antioxidant activity of phytooestrogen type isoflavones in biomimetic environments. *New* *Journal of Chemistry*, 40. 1, 606-612, 2016; ISSN: 1144-0546; IF: 3.277  6. Chelaru, C, Ignat, M, Albu, M, Meghea A\*. Chemical characterization of vegetable oils – lemon, lavender and argan. *Revista de Chimie*, 67, 9, 1680-1683, (Sep) 2016, IF 1,755. | | | | |