A.3.2.1. Cel puțin 50% din conducătorii de doctorat din domeniul supus evaluării prezintă minimum 5 publicații indexate Web of Science sau ERIH în reviste cu factor de impact sau alte realizări, cu semnificație relevantă pentru domeniul respectiv, în care se regăsesc contribuții de nivel internațional ce relevă un progres în cercetarea științifică- dezvoltare-inovare pentru domeniul evaluat. Conducătorii de doctorat menționați au vizibilitate internațională în ultimii 5 ani, constând în: calitatea de membru în comitetele științifice ale publicațiilor și conferințelor internaționale; calitatea de membru în board-urile asociațiilor profesionale internaționale; calitatea de invitat în cadrul conferințelor sau grupurilor de experți desfășurate în străinătate sau calitatea de membru al unor comisii de susținere a unor teze de doctorat la universități din străinătate sau în cotutelă cu o universitate din străinătate. Pentru domeniile fundamentale Arte și Știința sportului și educației fizice, conducătorii de doctorat vor proba vizibilitatea internațională în ultimii 5 ani prin calitatea de membru în board-urile asociațiilor profesionale, prin calitatea de membru în comitetele de organizare a evenimentelor artistice și competițiilor internaționale, respectiv prin calitatea de membru în jurii sau echipe de arbitraj in cadrul evenimentelor artistice sau competițiilor internaționale.

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| **No.** | **Nume** | **Articole ISI** | **Elemente de vizibilitate internationala** |
| 1 | DEMETRESCU Ioana | 1. Ion, R., Stoian, A.B., Dumitriu, C., A. Mazare P. Schmuki Demetrescu, I., Nanochannels formed on TiZr alloy improve biological response 2015 Acta Biomater 24, 3744. 370-377.  2. M Mîndroiu, C Pirvu, R Ion, I Demetrescu, Comparing performance of nano architectures fabricated by Ti6Al7Nb anodizing in two kinds of electrolytes, ***Electrochimica Acta***, 56, 1, 193-202 2010.  3. Anca Mazare, Indhumati Paramasivam Felix Schmidt-Stein Kiyoung Lee Ioana Demetrescu, Patrik Schmuki Flame annealing effects on self-organized TiO2 nanotubes Electrochimica Acta Volume 66, 1 April 2012, Pages 12–21 377 F.I.=5,116 WOS:000302451900003  4. C. Pirvu, C Manole, B Stoian and I. Demetrescu Understanding of electro chemical and structural changes of polypyrrole/polyethylene glycol composite films in aqueous solution , ***Electrochim Acta***, vol 56, 2011 27.  5. Dumitriu, C., Mousavi, Z., Latonen, R.-M., Bobacka, J., Demetrescu, I Electrochemical synthesis and characterization of Poly(3,4- ethylenedioxythiophene) doped with sulfonated calixarenes and sulfonated calixarene-fullerene complexe 2013Electrochimica Acta | 1. Chair person Nottingham 2014 4th International Conference ENVIRONMENT,BIOMEDICAL and BIOTECHNOLOGY Conference; Co-chair 4th International Conference on Chemical and Biological Sciences Prague13-15 March 2017 Heyrovschi Institut; Co-chair 3nd International Conference on Chemical and Biological Sciences Amsterdam, 23-25 March 2016.    2. Membrul in Comitetul Științific international al Biological & Environmental Engineering Society (HKCBEES); Membru in Comitetul stiintific International la 15TH INTERNATIONAL CONFERENCE OF BIONIC ENGINEERING AT THE UNIVERSITY OF NOTTINGHAM NINGBO CHINA (June 2016); Membru in Comitetul de organizare al Nano\_Micro Confernece Shanghai, China,19-23 June 2017; 3 ) Magda Sovar, Simona Popescu si Claudiu Manole doctoranzi in cotutela cu UNIV. Paul Sabatier, Franta  3. Conferinte invitate: 1) "Electrochemical and biological aspects in stents improvment", 4th International Conference on Chemical and Biological Sciences, Prague,13-15 March 2017, Heyrovschi Institut; 2) "Aspectes of life sciences & engineering integration in investigation of bionic coatings of implant materials", 3nd International Conference on Chemical and Biological Sciences, Amsterdam, 23-25 March 2016; 3) "New generations of implants with innovative controll micro and nano biomimetic and antibacterial surface",4th International Conference ENVIRONMENT ,BIOMEDICAL and BIOTECHNOLOGY Nottingham, 2014; 3 doctoranzi in cotutela cu Univ. Paul Sabatier France Toulouse (Magda Sovar,Simona Popescu si Claudiu Manole ) |
| 2 | DIACU Elena | 1. Elena DIACU, Buica George-Octavian; Chilibon Irinela, Eleonora-Mihaela Ungureanu, Birzan Liviu; Arnold Georgiana-Luiza, "Chemically Modified Electrodes Based on 5-(Azulen-1-yl)methylene)-2-thioxothiazolidin-4-one", JOURNAL OF SOLUTION CHEMISTRY,: 45,: 11, 1588-1597, 2016  2. Elena Diacu, Eleonora-Mihaela Ungureanu, Anton Alexandru Ivanov, Maria Madalina Jurcovan, “Voltammetric Techniques for Determination of Allura Red AC Synthetic Pigment in Beverages“,Revista de Chimie, 66, 6, pp: 769-773, 2015.  3. Stefaniu Amalia, Pop Maria-Daniela, Arnold Georgiana-Luiza, Birzan, Liviu, Pintilie,Lucia, Diacu,Elena, Ungureanu Eleonora-Mihaela, "DFT calculations and electrochemical studies on azulene ligands for heavy metal ions detection using chemically modified electrodes", JOURNAL OF ELECTROCHEMICAL SCIENCE AND ENGINEERING, 8,73-85, 2018.  4. Anghel Ana-Maria; Elena DIACU, Ilie, Mihaela; Cimpoeru, Cristina; Marinescu, Florica; Marcu, Ecaterina; Tociu, Carmen, "Statistical correlations between physical and chemical indicators in order to assess the water quality of artificial lakes in south Romania, Bucharest-Ilfov area", BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, 7, 3, 2048-2052, 2017, ISSN 2069-5837. | 1. Membru in COLEGIUL EDITORIAL Revista de Chimie 2016-2020  2. Membru in COLEGIUL EDITORIAL Buletinul Societatii de Chimie din Romania 2015-2020  3. Chair NOUVEAUX MATÉRIAUX POUR LA RECONNAISSANCE ELECTROCHIMIQUE DES MINERAUX ET DES ESPÈCES BIOLOGIQUES, « NOMARES », Iasi, 2016  4. Expert evaluator-panel Marie Skłodowska-Curie Actions, EURAMET  5. Conferinta invitate 25th Conference of the Working Group Sustainability of the Working Community of the Danube Regions, A Brief Overview of Small-Scale Food Production Systems in Romania, Tulln Austria, aprilie 2018. |
| 3 | GEANĂ Dan | 1. Phase Equilibria in Ternary Systems Carbon Dioxide + 1-Hexanol + n -Pentadecane and Carbon Dioxide + 1-Heptanol + n -Pentadecane: Modeling of Holes in Critical Surface and Miscibility Windows, Geana, D.,2018, Journal of Chemical and Engineering Data 63(4), pp. 994-1005  2. High-Pressure Phase Equilibria of Carbon Dioxide + 1-Octanol Binary System, Sima, S., Ionita, S., Secuianu, C., Feroiu, V., Geana, D. 2018, Journal of Chemical and Engineering Data 63(4), pp. 1109-1122  3. Phase behavior of the carbon dioxide + 1-dodecanol system at high pressures, Secuianu, C., Feroiu, V., Geană, D. 2016, Fluid Phase Equilibria 428, pp. 62-75  4. Phase behavior of the carbon dioxide + 1-dodecanol system at high pressures, Secuianu, C., Feroiu, V., Geană, D. 2016, Fluid Phase Equilibria 428, pp. 62-75  5. New high-pressures vapor-liquid equilibrium data for the carbon dioxide + 2-methyl-1-propanol (isobutanol) binary system, Sima, S., Secuianu, C., Feroiu, V., Geanǎ, D. 2014, Central European Journal of Chemistry 12(9), pp. 953-961 |  |
| 4 | ION Alina Catrinel | 1. R. M. Calin, I. Radulescu, A.C. Ion, E.R. Almasan, Investigations on chemical composition and natural radioactivity levels from salt water and peloid used in pelotherapy, from Techirghiol Lake, Romania, Environ. Geochem. & Health, 2020, 42(2), 513-529.  2. I Ion, R.M. Senin,…, A.C. Ion, Influence of the matrix of aqueous solutions on the adsorption of endocrine disruptors by fullerene C60, J. Environ. Eng. & Landscape Manag., 2019, 27(1), 1-11.  3. R. M. Senin, I. Ion, A. C. Ion, A sorption study of bisphenol A in aqueous solutions on pristine and oxidized multiwalled carbon nanotubes, Polish Journal of Environmental Studies, 2018, 27(5), 1-13.  4. M.R. Calin, A.C. Ion, I. Radulescu, “Evaluation of quality parameters and of natural radionuclides concentrations in natural mineral water in Romania”, J. Radioanal. Nucl. Chem., 2015, 303 (1), 305-313, ISSN:0236-5731.  5. I.Ion, F. Sirbu, A.C. Ion, “Thermophysical investigations of exfoliated graphite nanoplatelets and active carbon in binary aqueous environments at different temperatures”, J. Mater. Sci. 50(2), 2014, 587-598,ISSN: 0022-2461. | 1. Editor at UJLOPS. “UNIVERSAL JOURNAL OF LASERS, OPTICS, PHOTONICS & SENSORS (UJLOPS, The Canadian Academy of Sciences |
| 5 | IULIAN Olga | 1. S. Geacai, O. Iulian, I. Nita, Measurement, correlation and prediction of biodiesel blends viscosity, Fuel, 143, pp.268-274, ISSN: 0016-2361, 2015  2. O.Ciocirlan , O. Croitoru, O. Iulian, Viscosity of binary mixtures of 1-ethyl-3-methylimidazolium tetrafluoroborate ionic liquid with four organic solvents, J. Chem. Thermodynamics 101 (2016) 285–292  3. I. Nita, S. Geacai, O. Iulian, Measurements and correlations of physico-chemical properties to composition of pseudo-binary mixtures with biodiesel, Renewable Energy, vol. 36, pp. 3417-3423 |  |
| 6 | MEGHEA Aurelia | 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, Q2;  Besliu, D, Barbinta-Patrascu ME, Badea, N, Rau, I, **Meghea, A.** Lipo-nanosilver composites biogenerated using Artemisia Abrotanum L, aqueous extract. *Molecular Crystals & Liquid Crystals*. 694, 1, 40-48, 2019; IF = 0,54;  Sava GO, Pop, I, Sava, TB, **Meghea, A**, Manailescu, C, Ilie, M, Robu, A, Toth, B, Intervalidation of dendrochronology and C-14 dating on 700-yr three-ring sequence originating from the Eastern Carpathians. *Radiocarbon*, 61, 5, 1337-1343, 2019; IF = 1,5;  Lacatusu, I, Badea, N, Badea, G, Mihaila, M, Ott, C, Stan, R, **Meghea, A.** Advanced bioactive lipid nanocarriers loaded with natural and synthetic anti-inflammatory actives. *Chemical Engineering Science*, 200, 113-126, 2019; 3,871;  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; | **Chair of International Advisery Board** la seria de conferinte: International Conference on Frontiers of Polymers and Advanced Materials – 9th ICFPAM – Cracovia, Polonia, 2007; 10th ICFPAM, Chile, 2009; 11th ICFPAM, Pretoria, Africa de Sud, mai 2011, 12th ICFPAM, Auckland, Noua Zeelandă, dec. 2013, 13th ICFPAM, Marrakesh, Maroc, 2015, 14th ICFPAM Daejeon, Coreea de Sud, 2016, 15th ICFPAM, Penang, Malaiezia, 2019. |
| 7 | RADU Gabriel Lucian | 1.Laccase – MWCNT–chitosan biosensor—A new tool for total polyphenolic content evaluation from in vitro cultivated plants, M Diaconu, SC Litescu, GL Radu, Sensors and Actuators B: Chemical 145 (2), 800-806, 2010  2. Molybdenum disulphide and graphene quantum dots as electrode modifiers for laccase biosensor, I Vasilescu, SAV Eremia, M Kusko, A Radoi, E Vasile, GL Radu, Biosensors and Bioelectronics 75, 232-237, 2016  3. Geographical and botanical origin discrimination of Romanian honey using complex stable isotope data and chemometrics, OR Dinca, RE Ionete, R Popescu, D Costinel, GL Radu, Food analytical methods 8 (2), 401-412, 2016  4. Antioxidant activity, acetylcholinesterase and tyrosinase inhibitory potential of Pulmonaria officinalis and Centarium umbellatum extracts, E Neagu, GL Radu, C Albu, G Paun, Saudi journal of biological sciences 25 (3), 578-585, 2018  5.In Vitro Evaluation of Antidiabetic and Anti-Inflammatory Activities of Polyphenolic-Rich Extracts from Anchusa officinalis and Melilotus officinalis, G Paun, E Neagu, C Albu, S Savin, GL Radu, ACS Omega, 5(22),13014-13022, 2020. | 1. Doctor honoris causa al Universitatii OVIDIUS din Constanta  2. Presedinte Eurachem -Romania  3. Editor in chief Revista de Chimie  4. Publisher chief revista Materiale Plastice  5. Introducerea si dezvoltarea domeniului Bioanaliza |
| 8 | ROŞCA Sorin | 1. [Oil productivity of seven Romanian linseed varieties as affected by weather conditions, Anastasiu, A.-E., Chira, N.-A., Banu, I., (...), Stan, R., Rosca, S.-I., , 2016, Industrial Crops and Products 86, pp. 219-230](https://www.scopus.com/record/display.uri?eid=2-s2.0-84962407219&origin=resultslist&sort=plf-f&src=s&st1=Rosca&st2=Sorin&nlo=1&nlr=20&nls=count-f&sid=fb34c578e2cb7954a66a6c72ca18d7e5&sot=anl&sdt=aut&sl=37&s=AU-ID%28%22Ro%c5%9fca%2c+Sorin+Ioan%22+6701860710%29&relpos=0&citeCnt=2&searchTerm=)  2. Chira, N.-A., Stan, R., Roşca, S.I. 2016, Vegetable Oil: Properties, Uses and Benefits pp. 25-54  3. Chemical education - A key factor in facing the challenges of the future, Rosca, S.I., Todasca, C., 2014, ACS Symposium Series 1157, pp. 77-90  4. Behaviour of some isolated and conjugated unsaturated compounds, arenes and aromatic heterocycles in a Ni-Al/NaOH reducing system, Suceveanu, M., Raicopol, M., Fînaru, A., Roşca, S.I., 2014, Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry 15(1), pp. 023-034 |  |
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| 10 | VIŞAN Teodor | 1. Morphological and optical properties of electrospun SnO2 fibers Busuioc, A.D., Ciovică, I., Stoleriu, Ş., (...), Evanghelidis, A., Vişan, T. 2017, Digest Journal of Nanomaterials and Biostructures 12(4), pp. 1097-1105  2. Microstructures and micro composition developed by Plasma Electrolysis Processing of 316L austenitic steels to obtain Al-containing surface layer, Andrei, V.A., Coaca, E., Ionita, I., (...), Malinovschi, V., Visan, T. 2017, Materials Today: Proceedings 4(7), pp. 6990-6999  3. Studies of antimony telluride and copper telluride films electrodeposition from choline chloride containing ionic liquids, Catrangiu, A.-S., Sin, I., Prioteasa, P., (...), Anicai, L., Visan, T. 2016, Thin Solid Films 611, pp. 88-100  4. Investigation of Ni-Mo and Co-Mo alloys electrodeposition involving choline chloride based ionic liquids Costovici, S., Manea, A.-C., Visan, T., Anicai, L. 2016, Electrochimica Acta 207, pp. 97-111  5. Preparation of Copper Telluride Films by Co-Reduction of Cu(I) and Te(IV) Ions in Choline Chloride: Ethylene Glycol Ionic Liquid, Golgovici, F., Catrangiu, A.-S., Stoian, A.B., Anicai, L., Visan, T. 2016, Journal of Electronic Materials 45(7), pp. 3629-3639 |  |
| **Procent conducatori care indeplinesc criteriul** | | **100%** | **60%** |