



UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE
"CAROL DAVILA" din BUCUREȘTI



Anexa 2a

VERIFICARE ÎNDEPLINIRE STANDARDE MINIMALE

☒ **DA**

☐ **NU**

Director CSUD: Prof. univ. Dr. Valentina Uivarosî

FIȘA DE VERIFICARE

a îndeplinirii standardelor minimale în vederea obținerii atestatului de abilitare
în cadrul I.O.S.U.D. Universitatea de Medicină și Farmacie "Carol Davila" București

Domeniile de doctorat: Medicină, Farmacie

I. Date despre candidat

Gradul didactic/de cercetare: Conferențiar universitar

Nume: OLARU

Prenume: OCTAVIAN TUDOREL

1. Doctor în științe

☒ **DA**

☐ **NU**

Titlul tezei de doctorat: „Cercetarea unor specii din familia Polygonaceae, în vederea valorificării terapeutice“ ("Research on some Polygonaceae species for their therapeutic value").

Ordinul de confirmare: OM 3930 MD/20.06.2013.

II. Date numerice privind îndeplinirea standardelor minimale naționale, conform anexelor nr. 20 și 23 ale Ordinului Ministrului Educației Naționale și Cercetării Științifice nr. 6129/20.12.2016

1. Articole publicate în reviste cotate ISI în calitate de autor principal

Criteriul	Standard minim	Realizat
Număr articole publicate în reviste cotate ISI în calitate	10	29



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de autor principal

Criteriu îndeplinit:

☒ DA

☐ NU

Lista articolelor ISI publicate în calitate de autor principal: autori, titlu articol, revistă, an, volum, pagini, factor de impact

- AP1.** Ivan BC, Dumitrascu F, Anghel AI, Ancuceanu RV, Shova S., Dumitrescu D., Draghici C., **Olaru OT**, Nitulescu GM, Dinu M, Barbuceanu SF, Synthesis and toxicity evaluation of new pyrroles obtained by the reaction of activated alkynes with 1-methyl-3-(Cyanomethyl)benzimidazolium bromide, *Molecules*. 26 (2021). doi:10.3390/MOLECULES26216435. IF2021=4.411
- AP2.** Apostol TV, Chifiriuc MC, Draghici C, Socea LI, Marutescu LG, **Olaru OT**, Nitulescu GM, Pahontu EM, Saramet G, Barbuceanu SF. Synthesis, In Silico and In Vitro Evaluation of Antimicrobial and Toxicity Features of New 4-[(4-Chlorophenyl) sulfonyl] benzoic Acid Derivatives. *Molecules*, 2021, 26(16): 5107. IF2021=4.411. <https://doi.org/10.3390/molecules26165107>
- AP3.** Apostol TV, Marutescu LG, Draghici C, Socea LI, **Olaru OT**, Nitulescu GM, Pahontu EM, Saramet G, Enache-Preoteasa C, Barbuceanu SF. Synthesis and Biological Evaluation of New N-Acyl- α -amino Ketones and 1, 3-Oxazoles Derivatives. *Molecules*, 2021, 26(16): 5019. IF2021= 4.411. <https://doi.org/10.3390/molecules26165019>
- AP4.** Costea T, Hudita A, **Olaru OT**, Galateanu B, Gird CE, Mocanu MM. Chemical composition, antioxidant activity and cytotoxic effects of romanian *Craterellus cornucopioides* (L.) Pers. Mushroom. *Farmacia*, 2020, 68(2): 340-347. IF2019=1.607. <https://doi.org/10.31925/farmacia.2020.2.21>
- AP5.** Apostol TV, Barbuceanu SF, Socea LI, Draghici C, Saramet G, Iscrulescu L, **Olaru OT**. Synthesis, characterization and cytotoxicity evaluation of new heterocyclic compounds with oxazole ring containing 4-(phenylsulfonyl)phenyl moiety. *Rev. de Chimie*, 2019, 70(11): 3793-3801. IF2017: 1.412.
- AP6.** **Olaru OT**, Zandirescu A, Nitulescu GM, Nitulescu G, Dinu-Pirvu CE, Anuta V, Tsatsakis A., Spandidos DA, Margina D, Seremet OC. Predictive power of the Triticum root elongation test for the assessment of novel anti-proliferative therapies. *Int. J. Mol. Med.* 2019, 44(1): 16-24, doi: <https://doi.org/10.3892/ijmm.2019.4192>. IF2018: 2.784.
- AP7.** Socea LI, Barbuceanu SF, Iscrulescu L, Socea B, Hrubaru M, Pahontu E, Diaconu CC, Bratu OG, **Olaru OT**. New N-acylhydrazones with Potential Cytotoxic Activity. *Rev. de Chimie*, 2018, 69(12): 3341-3344. IF2017: 1.412.
- AP8.** Seremet OC, **Olaru OT**, Gutu CM, Nitulescu GM, Ilie M, Negres S, Zbarcea CE, Purdel CN, Spandidos DA, Tsatsakis AM, Coleman MD, Margina DM. Toxicity of plant extracts containing pyrrolizidine alkaloids using alternative invertebrate models.



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Mol. Med. Rep., 2018, 17(6): 7757-7763. IF2017=1.922.

AP9. Neagu AF, Costea T, Nencu I, Dutu LE, Popescu ML, Olaru OT, Gird CE. obtaining and characterization of a selective pelargonium graveolens L'Hér. dry extract with potential therapeutic activity in metabolic diseases. *Farmacia*, 2018, 66(4): 592-596. IF2017=1.507.

AP10. Drăgoi C, Olaru OT, Dinu M, Popescu C, Arsene AL, Dune A, Nicolae AC, Ancuceanu RV, Zbarcea CE, Negres S, Nițulescu GM, Seremet OC. Characterisation, pharmacotoxicological and biochemical studies on morus alba L. Extract and its fractions. *Farmacia*, 2018, 66(1), 120-128. IF2017=1.507. WOS:000429408600016

AP11. Gîrd CE, Nencu I, Popescu ML, Costea T, Duțu LE, Balaci TD, Olaru OT. Chemical, antioxidant and toxicity evaluation of rosemary leaves and its dry extract. *Farmacia*, 2017, 65(6): 978-983. IF2016: 1,348.

AP12. Velescu BS, Anuța V, Nițulescu GM, Olaru OT, Orțan A, Ionescu D, Ghica MV, Drăgoi CM, Dinu Pîrvu CE. Pharmaceutical assesment of Romanian crops of *Anthriscus sylvestris* (Apiaceae). *Farmacia*, 2017, 65(6): 824-831. IF2016: 1,348.

AP13. Socea LI, Barbuceanu SF, Socea B, Draghici C, Apostol TV, Pahontu EM, Olaru OT. New heterocyclic compounds from 1,2,4-triazoles class with potential cytotoxic activity. *Rev. de Chimie*, 2017, 68(11): 2503-2508. IF2016: 1.232.

AP14. Gîrd CE, Duțu LE, Costea T, Nencu I, Popescu ML, Balaci TD, Olaru OT. Research regarding obtaining herbal extracts with Antitumour activity. Note II. Phytochemical analysis, antioxidant activity and cytotoxic effects of *Chelidonium majus* L., *Medicago sativa* L. and *Berberis vulgaris* L. dry extracts. *Farmacia*, 2017, 65(5): 703-708. IF2016: 1,348.

AP15. Olaru O.T., Nițulescu G. M., Orțan A., Băbeanu N., Popa O., Ionescu D., Dinu-Pirvu C. E. Polyphenolic content and toxicity assessment of *Anthriscus sylvestris* Hoffm. *Rom Biotech Lett*, 2016, 21(6), 12054-12061. IF2016: 0.396.

AP16. Gîrd CE, Duțu LE, Costea T, Nencu I, Popescu ML, Olaru OT. Preliminary research concerning the obtaining of herbal extracts with potential neuroprotective activity note I. Obtaining and characterization of a selective *Origanum vulgare* L. dry extract. *Farmacia*. 2016; 64(5): 680-687; IF2016: 1,348.

AP17. Dinu M., Olaru OT, Dune A., Popescu C, Nitulescu GM, Ancuceanu RV. The obtaining and characterization of a rich-phenolic extract from *Amaranthus hypochondriacus* L. *Rev. de Chimie*, 2016, 67(5): 880-883. IF2016: 1.232.

AP18. Nitulescu GM, Nedelcu G, Buzescu A, Olaru OT. Aminopyrazoles as privileged structures in anticancer drug design - an in silico study. *Bulgarian Chemical Communications*, 2016 48(1): 55-60. IF2016: 0.238. ISSN:0324-1130.

AP19. Olaru OT, Nitulescu GM, Orțan A, Dinu-Pirvu CE. Ethnomedicinal, Phytochemical and Pharmacological Profile of *Anthriscus sylvestris* as an Alternative Source for Anticancer Lignans. *Molecules* 20, 2015, p. 15003-15022. doi:10.3390/molecules200815003. IF2014: 2.465.



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- AP20. Anghel A, Ilie M, Olaru OT, Dinu M, Ancuceanu RV, Istudor V. HPTLC qualitative and quantitative detection of sterols in species of the *Portulaca* genus from Romania. *Farmacia*. 2015; 63(5): 696-699; IF2015: 1,162.
- AP21. Olaru OT, Venables L, Van de Venter M, Nitulescu GM, Margina D, Spandidos DA, Tsatsakis AM, Anticancer potential of selected *Fallopia* Adans. species, *Oncology Letters*, 2015 10:1323-1332. DOI: 10.3892/ol.2015.3453. IF2015: 1.482).
- AP22. Socea IL, Socea B, Șaramet G, Bărbuceanu SF, Drăghici C, Constantin VD, Olaru OT, Synthesis and cytotoxicity evaluation of new 5H-dibenzo[a,d]annulen-5-yl acetylhydrazones. *Rev. de Chimie*, 2015, 66(8):1122-1127. IF2015: 0.956.
- AP23. Gutu CM, Olaru OT, Purdel NC, Ilie M, Diacu E, Phytotoxicity of inorganic arsenic assessed by *Triticum* Test. *Rev. de Chimie*, 2015, 66(3): 333-35. (IF2015: 0.956).
- AP24. Anuta V, Nitulescu GM, Dinu-Pîrvu CE, Olaru OT. Biopharmaceutical profiling of new antitumor pyrazole derivatives. *Molecules* 19, 2014, p. 16381-16401. doi:10.3390/molecules191016381 (IF2014: 2,416)
- AP25. Bratu M, Olaru OT, Chiriță I, Dinu M, Anghel AI. Phytobiological testing of some compounds with 4(3h) - quinazalone structure. *Farmacia*, 2014, 62(5): 929-941. IF2014: 1,005.
- AP26. Nițulescu G M, Drăghici C, Olaru OT. New Potential Antitumor Pyrazole Derivatives. Synthesis and Cytotoxic Evaluation. *Int. J. Mol. Sci.* 2013, 14, 21805-21818. doi:10.3390/ijms141121805 (IF2013: 2,339)
- AP27. Olaru OT, Anghel A, Istudor V, Ancuceanu R, Dinu M. Contributions to the Pharmacognostical and Phytobiological study of *Fallopia aubertii* (L.Henry) Holub. (Polygonaceae). *Farmacia*. 2013;61(5): 991-999; IF2013: 1,251.
- AP28. Seremet OC, Olaru OT, Ilie M, Negres S, Balalau D. HPTLC evaluation of the pyrrolizidine alkaloid senecionine in certain phytochemical products. *Farmacia*, vol 61(4), 2013, p 756-763; (IF2013: 1,251)
- AP29. Anghel AI, Olaru OT, Gatea F, Dinu M, Ancuceanu RV, Istudor V. Preliminary Research on *Portulaca grandiflora* Hook. species (Portulacaceae) for Therapeutic Use. *Farmacia*. 2013; 61 (4): 694-1702; (IF2013: 1,251);

2. Articole publicate în reviste cotate ISI în calitate de coautor

Criteriul	Standard minim	Realizat
Număr articole publicate în reviste cotate ISI în calitate de coautor	5	40

Criteriu îndeplinit:

☒ DA

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Lista articolelor ISI publicate în calitate de coautor: autori, titlu articol, revistă, an, volum, pagini, factor de impact

- CA1.** Costea L, Chișescu CL, Boscencu R, Ghica M, Lupuliasa D, Mihai DP, Deculescu-Ioniță T, Duțu LE, Popescu ML, Luță EA, Nițulescu GM, **Olaru OT**, Gîrd CE, The Polyphenolic Profile and Antioxidant Activity of Five Vegetal Extracts with Hepatoprotective Potential, *Plants*. 11 (2022). doi:10.3390/plants11131680.
- CA2.** Apostol TV, Chifiriuc MC, Nitulescu GM, **Olaru OT**, Barbuceanu SF, Socea LI, Pahontu EM, Karmezan CM, Marutescu LG, In Silico and In Vitro Assessment of Antimicrobial and Antibiofilm Activity of Some 1,3-Oxazole-Based Compounds and Their Isosteric Analogues, *Appl. Sci.* 12 (2022). doi:10.3390/app12115571.
- CA3.** Zanfirescu A, Marineci CD, Păun G, Ungureanu O, Neagu E, Chiriță C, Velescu BS, **Olaru OT**, Negreș S, Chitosan supports containing impatiens noli-tangere and symphytum officinale hydroalcoholic extracts in burns treatment: Antimicrobial and healing effects, *Farmacia*. 69 (2021) 948–953. doi:10.31925/FARMACIA.2021.5.18.
- CA4.** Stecoza CE, Nitulescu GM, Draghici C, Caproiu MT, **Olaru OT**, Bostan M, Mihaila M. Synthesis and Anticancer Evaluation of New 1, 3, 4-Oxadiazole Derivatives. *Pharmaceuticals*, 2021, 14(5): 438. IF2020: 5.863. <https://doi.org/10.3390/ph14050438>.
- CA5.** Apostol TV, Draghici C, Socea LI, **Olaru OT**, Saramet G, Enache-Preoteasa C, Barbuceanu SF. Synthesis, characterization and cytotoxicity evaluation of new diphenyl sulfone derivatives. *Farmacia*, 2021, 69(4): 657-669. IF2019=1.433. <https://doi.org/10.31925/farmacia.2021.4.5>.
- CA6.** Apostol TV, Drăghici C, Socea LI, **Olaru OT**, Șaramet G, Hrubaru M, Bărbuceanu SF. Synthesis, Characterization and Cytotoxicity Assessment of New 4-Benzyl-1, 3-oxazole Derivatives Incorporating 4-[(4-Bromophenyl) sulfonyl] phenyl Fragment. *Farmacia*, 2021, 69(3): 521-529. IF2019=1.433. <https://doi.org/10.31925/farmacia.2021.3.15>.
- CA7.** Nitulescu G, Margina D, Zanfirescu A, **Olaru OT**, Nitulescu GM. Targeting Bacterial Sortases in Search of Anti-virulence Therapies with Low Risk of Resistance Development. *Pharmaceuticals*, 14(5): 415. IF2020: 5.863. <https://doi.org/10.3390/ph14050415>.
- CA8.** Apostol TV, Socea LI, Drăghici C, **Olaru OT**, Șaramet G, Enache-Preoteasa C, Bărbuceanu SF. Design, synthesis, characterization, and cytotoxicity evaluation of new 4-benzyl-1, 3-oxazole derivatives bearing 4-(4-chlorophenylsulfonyl) phenyl moiety. *Farmacia*, 2021, 69(2): 314-324. IF2019=1.433. <https://doi.org/10.31925/farmacia.2021.2.17>.
- CA9.** Mihai DP, Ungurianu A, Ciotu CI, Fischer MJM, **Olaru OT**, Nitulescu GM, Andrei C, Zbarcea CE, Zanfirescu A, Seremet OC, Chirita C, Negres S. Effects of Venlafaxine, Risperidone and Febuxostat on Cuprizone-Induced Demyelination, Behavioral Deficits and Oxidative Stress. *Int. J. Mol. Sci.*, 2021, 22(13): 7183. IF2020=5.923. <https://doi.org/10.3390/ijms22137183>.
- CA10.** Rosca EV, Apostol TV, Chifiriuc MC, Pircalabioru GG, Draghici C, Socea LI,



- Olaru OT**, Nitulescu GM, Pahontu EM, Hrubaru M, Barbuceanu SF. In silico and experimental studies for the development of novel oxazol-5(4H)-ones with pharmacological potential. *Farmacia*, 2020, 68(3): 453-462. **IF2019=1.607**. <https://doi.org/10.31925/farmacia.2020.3.10>.
- CA11**. Ion GND, **Olaru OT**, Nitulescu G, Olaru II, Tsatsakis A, Burykina TI, Spandidos DA, Nitulescu GM. Improving odds of success in antitumoral drug development using scoring approaches towards heterocyclic scaffolds. *Oncol. Rep.*, 2020, 44(2): 589-598; **IF2020: 3.417**.
- CA12**. Nitulescu GM, Matei L, Aldea IM, Draghici C, **Olaru OT**, Bleotu C. Ultrasound-assisted synthesis and anticancer evaluation of new pyrazole derivatives as cell cycle inhibitors. *Arabian Journal of Chemistry*, 2019; 12(6): 816-824; DOI: <http://dx.doi.org/10.1016/j.arabjc.2015.12.006> (**IF2019: 4.762**); ISSN:1878-5352.
- CA13**. Rosca EV, Apostol TV, Draghici C, **Olaru OT**, Socea LI, Iscrulescu L, Saramet G, Barbuceanu F, Pahontu EM, Baraitareanu S, Barbuceanu SF. Synthesis, characterization and cytotoxicity evaluation of new compounds from oxazol-5(4H)-ones and 1,2,4-triazin-6(5H)-ones classes. *Rev. de Chimie*, 2019, 70(11): 3769-3774. **IF2017: 1.412**.
- CA14**. Ungurianu A, Seremet OC, Gagniuc E, Olaru OT, Gutu C, Gradinaru D, Ionescu-Tirgoviste C, Margina D, Danciulescu-Miulescu R. Preclinical and clinical results regarding the effects of a plant-based antidiabetic formulation versus well established antidiabetic molecules. *Pharmacol Res.*, 2019, 150, 104522; [10.1016/j.phrs.2019.104522](https://doi.org/10.1016/j.phrs.2019.104522). **IF2018: 5.574**.
- CA15**. Swanepoel B, Venables L, Nitulescu GM, **Olaru OT**, Venables L, van de Venter M. Anti-Cancer Activity of a 5-Aminopyrazole Derivative Lead Compound (BC-7) and Potential Synergistic Cytotoxicity with Cisplatin against Human Cervical Cancer Cells. *Int. J. Mol. Sci.*, 2019, 20(22), 5559; doi: 10.3390/ijms20225559. **IF2018: 3.687**.
- CA16**. Nitulescu G, Mihai DP, Nicorescu IM, **Olaru OT**, Ungurianu A, Zanfirescu A, Nitulescu GM, Margina D. Discovery of natural naphthoquinones as sortase A inhibitors and potential anti-infective solutions against *Staphylococcus aureus*. *Drug Develop. Res.*, 2019, 1-10. doi: 10.1002/ddr.21599. **IF2018: 1.742**.
- CA17**. Apostol TV, Barbuceanu SF, **Olaru OT**, Draghici C, Saramet G, Socea B, Enache C, Socea LI. Synthesis, characterization and cytotoxicity evaluation of new compounds from oxazol-5(4H)-ones and oxazoles class containing 4-(4-bromophenylsulfonyl)phenyl moiety. *Rev. de Chimie*, 2019, 70(4): 1099-1107. **IF2017: 1.412**.
- CA18**. Swanepoel B, Venables L, **Olaru OT**, Nitulescu GM, van de Venter M. In Vitro Anti-proliferative Activity and Mechanism of Action of Anemone nemorosa. *Int. J. Mol. Sci.*, 2019, 20(5), 2217; doi: 10.3390/ijms20051217. **IF2018: 3.687**.
- CA19**. Barbuceanu SF, **Olaru OT**, Socea LI, Draghici C, Saramet G, Baraitareanu S, Barbuceanu F. S-Alkylated 1,2,4-Triazoles Derivatives Synthesis, spectral analysis and cytotoxicity evaluation. *Rev. de Chimie*, 2019, 70(1): 13-17. **IF2017: 1.412**.
- CA20**. Pahontu E, Socea LI, Barbuceanu SF, Ilies DC, Badea M, **Olaru OT**, Gulea A,



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- Socea B, Bratu O. Synthesis, Characterization and Toxicity Evaluation of Cu(II), Mn(II), Co(II), Ni(II), Pd(II) Complexes with Ligand Derived from Hydrazinecarbothioamide. *Rev. de Chimie*, **2018**, 69(11): 2959-2963. **IF2017: 1.412**.
- CA21.** Nitulescu GM, Van De Venter M, Nitulescu G, Ungurianu A, Juzenas P, Peng Q, Olaru OT, Grădinaru D, Tsatsakis A, Tsoukalas D, Spandidos DA, Margina D. The Akt pathway in oncology therapy and beyond. *International Journal of Oncology*, **2018**, 53(6): 2319-2331. DOI: 10.3892/ijco.2018.4597. **IF2017: 3.333**. Online ISSN:1791-2423.
- CA22.** Barbuceanu SF, Olaru OT, Nitulescu GM, Draghici C, Socea LI, Barbuceanu F, Enache C, Saramet G. Synthesis and structural characterization of some potential anti-virulence 1,2,4-triazoles and 1,3,4-thiadiazoles. *Rev. de Chimie*, **2018**, 69(9): 2346-2350. **IF2017: 1.412**.
- CA23.** Ancuceanu R, Anghel AI, Hovanet MV, Dinu M, Olaru OT, Dune A, Ciolea M, Stoicescu CS, Popescu C. Variation of iron contents, polyphenols and flavonoids in *Petroselinum crispum* (Mill.) Fuss (Apiaceae). *Farmacia*, **2018**, 66(2): 275-281. **IF2017=1.507**.
- CA24.** Zbârcea CE, Chiriță C, Negreș S, Seremet OC, Ștefănescu E, Ancuceanu RV, Olaru OT, Dinu M. Effects of topical application of dry extracts on allergic contact dermatitis induced by 2,4-dinitrofluorobenzene, in Balb/c mice Effects of topical application of dry extracts on allergic contact dermatitis induced by 2,4-dinitrofluorobenzene, in Balb/c mice. *Farmacia*, **2017**, 65(6): 862-867. **IF2016: 1,348**.
- CA25.** Nitulescu G, Nicorescu IM, Olaru OT, Ungurianu A, Mihai DP, Zanfirescu A, Nitulescu GM, Margina D. Molecular Docking and Screening Studies of New Natural Sortase A Inhibitors. *Int. J. Mol. Sci.* **2017**, 18(10), 2217; doi:10.3390/ijms18102217. **IF2016: 3.226**.
- CA26.** Ancuceanu R, Hovaneț MV, Anghel AI, Dinu M, Dune A, Ciolea M, Olaru OT, Popescu C. Variation of polyphenols and iron concentration in *Mentha x piperita* L. by development stage and soil type. *Farmacia*, **2017**, 65(5): 703-708. **IF2016: 1,348**.
- CA27.** Pahonțu, E., Ilieș, D. C., Shova, S., Oprean, C., Păunescu, V., Olaru, O. T., Rădulescu FȘ., Gulea A., Roșu T., Drăgănescu, D. Synthesis, Characterization, Antimicrobial and Antiproliferative Activity Evaluation of Cu (II), Co (II), Zn (II), Ni (II) and Pt (II) Complexes with Isoniazid-Derived Compound. *Molecules*, **2017**, 22(4), 650. DOI: 10.3390/molecules22040650. **IF2016: 2.861**.
- CA28.** Dinu M, Anghel AI., Olaru OT., Șeremet OC., Calalb T., Cojocaru-Toma M., Negreș S, Hovaneț MV., Zbârcea CE, Ancuceanu RV. Toxicity investigation of an extract of *Amaranthus retroflexus* L. (Amaranthaceae) leaves. *Farmacia*, **2017**, 65(2): 289-294. **IF2016: 1,348**.
- CA29.** Rădulescu C, Stîhi C, Ilie M, Lazurcă D, Gruia R, Olaru OT, Bute O, Dulamă ID, Știrbescu R, Teodorescu S, Florescu M. Characterization of Phenolics in *Lavandula angustifolia*. *Analytical Letters*, **2017**, 50(17): 2839-2850. DOI: 10.1080/00032719.2016.1264409. **IF2016: 1.150**.
- CA30.** Seremet OC, Barbuceanu F, Ionica EF, Margina DM, Gutu CM, Olaru O.T., Ilie M., Gonciar V., Negres S., Chirita C. Oral toxicity study of certain plant extracts



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- containing pyrrolizidine alkaloid. *Rom J Morphol Embryol.*, **2016**, 57(3): 1017-1023. (IF2016: 0.670).
- CA31. Nitulescu G, Zanfirescu A, Olaru OT, Nicorescu IM, Nitulescu GM, Margina D. Structural analysis of sortase A inhibitors. *Molecules*, **2016**, 21(11): 1591. DOI: 10.3390/molecules21111591 IF2016: 2.861.
- CA32. Nitulescu GM, Soriga SG, Socea LI, Olaru OT, Plesu V. Structure-activity relationships and chemoinformatic analysis of the anticancer profile of an aminopyrazole derivative. *Rev. de Chimie*, **2016**, 67(1):162-165. IF2016: 1.232.
- CA33. Nitulescu GM, Margina D, Juzenas P, Peng Q, Olaru OT, Saloustros E, Fenga C, Spandidos D, Libra M, Tsatsakis AM. Akt inhibitors in cancer treatment. The long journey from drug discovery to clinical use. *International Journal of Oncology*, **2016**; 48(3): 869-885. DOI: 10.3892/etm.2724. IF2016: 3.079. Online ISSN:1791-2423.
- CA34. Negres S, Dinu M, Ancuceanu RV, Olaru OT, Ghica MV, Seremet OC, Zbarcea CE, Velescu BS, Stefanescu E, Chirita C. Correlations in silico/in vitro/in vivo regarding determining acute toxicity in non-clinical experimental trial, according to bioethic regulations enforced by the European Union. *Farmacia*. **2015**; 63(6): 877-885; IF2015: 1.162.
- CA35. Gutu CM, Olaru OT, Purdel NC, Ilie M, Neamțu MC, Dănculescu Miulescu R, Avramescu ET, Margina DM. Comparative evaluation of short-term toxicity of inorganic arsenic compounds on *Artemia salina*. *Rom J Morphol Embryol.*, **2015**, 56(3): 1091-1096. (IF2015: 0.811).
- CA36. Margina D, Olaru OT, Ilie M, Gradinaru D, Gutu C, Florea L, Voicu S, Dinischiotu A, Spandidos DA, Tsatsakis AM. Assessment of the potential health benefits of certain total extracts from *Vitis vinifera*, *Aesculus hippocastanum* and *Curcuma longa*. *Exp Ther Med.*, **2015**, 10(5): 1681-1688. DOI: doi:10.3892/etm.2015.2724. IF2015: 1.280. Online ISSN:1792-1015.
- CA37. Ancuceanu RV, Arama C, Neagu AF, Dinu M, Hovanet MV, Olaru OT, Popescu C, Anghel A. Ascorbic acid is virtually degraded in dried herbal products - an HPLC assessment of six plant species *Farmacia*. **2015**; 63(5): 696-699; IF2015: 1,162.
- CA38. Mănescu I.G., Negreș S., Iscrulescu L., Ștefănescu E., Dinu M., Olaru O.T., Iovu M., Synthesis and pharmacological researches of 2- and 1,2 disubstituted benzimidazoles. *Rev. de Chimie*, **2015**, 66(9):1309-1315. IF2015: 0.956.
- CA39. Nitulescu GM, Draghici C, Olaru OT, Matei L, Aldea I, Dragu LD, Bleotu C, Synthesis and apoptotic activity of new pyrazole derivatives in cancer cell lines. *Bioorganic & Medicinal Chemistry*, **2015**, 23(17): 5799-5808. IF2015: 2.923)
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3. Factorul cumulat de impact pentru articolele publicate ca autor principal în reviste cotate ISI (FCIAP)

Criteriul	Standard minim	Realizat
(ISI) Factor cumulat de impact autor principal	10	50.408

Criteriu îndeplinit:

☒ DA ☐ NU

4. Indexul Hirsch

Criteriul	Standard minim	Realizat
Index Hirsch	6	15

Criteriu îndeplinit:

☒ DA ☐ NU

Confirm prin prezenta că datele menționate mai sus sunt reale și se referă la propria mea activitate profesională și științifică

Data

25.02.2022

Semnătura candidatului

Note asupra metodei de calcul:

1. O revistă cotate ISI este o revistă pentru care Thomson Reuters calculează și publică factorul de impact în „Journal Citation Reports”;
2. Autorul sau autorii principali ai unei publicații se consideră a fi oricare dintre următorii:
 - a. Primul autor
 - b. Autorul corespondent
 - c. Alți autori, a căror contribuție este indicată explicit în cadrul publicației a fi egală cu contribuția primului autor sau a autorului corespondent



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- d. Ultimul autor
3. În analiză vor fi incluse articole originale și reviews. În cazul publicațiilor în reviste cu factor de impact mai mare decât 3, pot fi luate în considerare și alte tipuri de publicații in extenso (nu rezumate).
 4. Articolele din cadrul standardelor minime și obligatorii trebuie să fie **publicate și indexate**, nu în curs de publicare (nu se acceptă adeverințe).
 5. Factorul cumulat de impact va fi calculat pentru articolele la care candidatul este autor principal (FCIAP). FCIAP = suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI; **factorul de impact se calculează la data apariției articolului**.
 6. Va fi luat în considerare Indexul Hirsch calculat utilizând ISI Web of Science, Core Collection, Thomson Reuters, pentru întreaga carieră a candidatului („all years”);

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