



### **FIŞA DE VERIFICARE**

**a îndeplinirii criteriilor minimale necesare și obligatorii pentru conferirea**

**Atestatului de abilitare**

**Domeniile de doctorat: Medicină, Farmacie**

#### **I. Date despre candidat**

**Nume: DINU-PÎRVU**

**Prenume: CRISTINA ELENA**

**Gradul didactic/de cercetare: PROFESOR UNIVERSITAR**

**Încadrat în prezent în învățământul superior:**

**X DA       NU**

**Disciplina CHIMIE FIZICĂ ȘI COLOIDALĂ, Departamentul I-ȘTIINȚE FUNDAMENTALE,  
Facultatea FARMACIE**

**Medic/Farmacist rezident/specialist/primar:**

**X DA       NU**

**Ordinul de confirmare: Ordin M.S.nr. 727/2000**

#### **II. Date privind îndeplinirea condițiilor de abilitare**

**Doctor în științe**

**X DA       NU**

**Titlul tezei de doctorat: Cercetări pentru optimizarea parametrilor biofarmaceutici ai unor medicamente cu acțiune vasodilatatoare cerebrală și periferică**

**Ordinul de confirmare: Diploma de Doctor nr. 1686/9.XI.2004**

#### **III. Date numerice privind îndeplinirea standardelor minime 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
<b>Număr articole publicate în reviste cotate ISI în calitate de autor principal</b>	<b>10</b>	<b>52</b>

Criteriu îndeplinit:

DA       NU

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

**AP 1.** A.I. Lupuliasa, A.M. Baroi, S.M. Avramescu, B.S. Vasile, R.M. Prisada, R.C. Fierascu, I. Fierascu, D.I. Sărdărescu (Toma), A. Ripszky Totan, B. Voicu-Bălășea, S.M. Pițuru, L. Popa, M.V. Ghica, **C.E. Dinu-Pîrvu**, Application of common culinary herbs for the development of bioactive materials, *Plants*, 2024, 13(7), 997, <https://doi.org/10.3390/plants13070997>, ISSN 2223-7747, **FI - 4,5/2022, Q1**.

<https://www.mdpi.com/2223-7747/13/7/997>

**AP 2.** A.C. Anghel, I. Țăranu, S.M. Spînu, A. Orțan, **C.E. Dinu-Pîrvu**, Optimizing microwave-assisted extraction of polyphenols from mustard seed meal, *Farmacia*, 2023, 71(6), 1174-1180, <https://doi.org/10.31925/farmacia.2023.6.7>, ISSN 0014-8237, **FI - 1,6/2022**.

[https://farmaciajournal.com/wp-content/uploads/art-07-Anghel\\_Ortan\\_Dinu-Pirvu\\_1174-1180.pdf](https://farmaciajournal.com/wp-content/uploads/art-07-Anghel_Ortan_Dinu-Pirvu_1174-1180.pdf)

**AP 3.** Fierascu, I.C.; Fierascu, I.; Baroi, A.M.; Ungureanu, C.; Spinu, S.; Avramescu, S.M.; Somoghi, R.; Fierascu, R.C.; **Dinu-Parvu, C.E.** Phytosynthesis of Silver Nanoparticles Using Leonurus cardiaca L. Extracts. Materials, 2023, 16, 3472. <https://doi.org/10.3390/ma16093472>, **FI - 3,4/2022**.

<https://www.mdpi.com/1996-1944/16/9/3472>

**AP 4.** E.E. Tudoroiu, M.G. Albu Kaya, I. Titorencu, **C.E. Dinu-Pîrvu\***, M.M. Marin, A.M. Roșca, L. Popa, V. Anuța, A. Antoniac, C. Chelaru, D.A. Kaya, R.M. Prisada, M.V. Ghica, Design and evaluation of new wound dressings based on collagen-cellulose derivatives, *Materials & Design*, 2023, 236, 112469, <https://doi.org/10.1016/j.matdes.2023.112469>, ISSN 0264-1275, **FI - 8,4/2022, Q1 (autor corespondent)**.

<https://www.sciencedirect.com/science/article/pii/S0264127523008845>

**AP 5.** I.C. Fierascu, I. Fierascu, A.M. Baroi, C. Ungureanu, A. Ortan, S.M. Avramescu, R. Somoghi, R.C. Fierascu, **C.E. Dinu-Pîrvu**, Phytosynthesis of biological active silver nanoparticles using *Echinacea purpurea* L. extracts, *Materials*, 2022, 15(20), 7327, <https://doi.org/10.3390/ma15207327>, **FI - 3,4/2022, Q1**.

<https://www.mdpi.com/1996-1944/15/20/7327>

**AP 6.** L. Popa, M.V. Ghica, E.E. Tudoroiu, D.G. Ionescu, **C.E. Dinu-Pîrvu**, Bacterial cellulose - a remarkable polymer as a source for biomaterials tailoring, *Materials*, 2022, 15(3), 1054, <https://doi.org/10.3390/ma15031054>, ISSN 1996-1944, **FI - 3,4/2022, Q1**.

<https://www.mdpi.com/1996-1944/15/3/1054>

**AP 7.** R.E. Lupașcu, M.V. Ghica, **C.E. Dinu-Pîrvu**, L. Popa, B.S. Velescu, A.L. Arsene, An



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro  
overview regarding microbial aspects of production and applications of bacterial cellulose, *Materials*, 2022, 15(2), 676, <https://doi.org/10.3390/ma15020676>, ISSN 1996-1944, FI - 3,4/2022 (contribuție egală), Q1.

<https://www.mdpi.com/1999-4923/14/1/174>

**AP 8.** V. Anuța, M.T. Talianu, **C.E. Dinu-Pîrvu**, M.V. Ghica, R.M. Prisada, M.G. Albu Kaya, L. Popa, Molecular mapping of antifungal mechanisms accessing biomaterials and new agents to target oral candidiasis, *International Journal of Molecular Sciences*, 2022, 23(14), 7520, <https://doi.org/10.3390/ijms23147520>, ISSN 1422-0067, FI - 5,6/2022 (autor corespondent), Q1.  
<https://www.mdpi.com/1422-0067/23/14/7520>

**AP 9.** E.E. Tudoroiu, **C.E. Dinu-Pîrvu\***, M.G. Albu Kaya, L. Popa, V. Anuța, R.M. Prisada, M.V. Ghica, An overview of cellulose derivatives-based dressings for wound-healing management, *Pharmaceuticals*, 2021, 14(12), 1215, <https://doi.org/10.3390/ph14121215>, ISSN 1424-8247, FI - 5,215/2021, Q1 (autor corespondent).  
<https://www.mdpi.com/1424-8247/14/12/1215>

**AP 10.** L. Popa, M.V. Ghica, R. Popescu, T. Irimia, **C.E. Dinu-Pîrvu**, Development and optimization of chitosan-hydroxypropyl methylcellulose in situ gelling systems for ophthalmic delivery of bupivacaine hydrochloride, *Processes*, 2021, 9(10), 1694, <https://doi.org/10.3390/pr9101694>, ISSN 2227-9717, FI - 3,352/2021.  
<https://www.mdpi.com/2227-9717/9/10/1694>

**AP 11.** G. Lupașcu, E. Pahonțu, S. Shovac, Ș.F. Bărbuceanu, M. Badea, C. Paraschivescu, J. Neamțu, M. Dinu, R.V. Ancuceanu, D. Drăgănescu, **C.E. Dinu-Pîrvu**, Co (II), Cu (II), Mn (II), Ni (II), Pd (II) and Pt (II) complexes of bidentate Schiff base ligand: Synthesis, crystal structure and acute toxicity evaluation, *Applied Organometallic Chemistry*, 2021, 35:e6149, <https://doi.org/10.1002/aoc.6149>, ISSN 1099-0739, FI – 4,072/2021, Q1.  
<https://onlinelibrary.wiley.com/doi/epdf/10.1002/aoc.6149>

**AP 12.** G. Lupașcu, E. Pahonțu, S. Shova, Ș.F. Bărbuceanu, D.C. Ilies, M. Badea, C. Paraschivescu, C. Ducu, J. Neamțu, M. Dinu, R.V. Ancuceanu, D. Drăgănescu, **C.E. Dinu-Pîrvu**, Synthesis, characterization, crystal structure and toxicity evaluation of Co (II), Cu (II), Mn (II), Ni (II), Pd (II) and Pt (II) complexes with Schiff base derived from 2-chloro-5-(trifluoromethyl)aniline, *Applied Organometallic Chemistry*, 2020, 34(11), Article number e5931, <https://doi.org/10.1002/aoc.5931>, ISSN 1099-0739, FI – 4,105/2020, Q1.  
<https://onlinelibrary.wiley.com/doi/full/10.1002/aoc.5931>

**AP 13.** R.M. Prisada<sup>#</sup>, **C.E. Dinu-Pîrvu<sup>#</sup>**, H. Moldovan<sup>#</sup>, M.V. Ghica, R.E. Avrămescu, L. Popa, Perspectives to describe surface properties of raw pharmaceutical materials. A fractal approach on the wetting of powders. *Farmacia*, 2020, 68(2): 354-362, doi.org/10.31925/farmacia.2020.2.23, ISSN 0014-8237, FI - 1,433/2020 (#contribuție egală).  
<http://www.revistafarmacia.ro/202002/issue22020art23.html>

**AP 14.** M. Hîrjău, D.S. Miron, V. Anuța, D. Lupuliasa, M.V. Ghica, V. Jinga, **C.E. Dinu-Pîrvu**, Evaluation of experimental multi-particulate polymer-coated drug delivery systems with meloxicam, *Coatings*, 2020, 10(5), 490, <https://doi.org/10.3390/coatings10050490>, ISSN 2079-6412, FI - 2,881/2020, Q2.  
<https://www.mdpi.com/2079-6412/10/5/490>

**AP 15.** D.A. Kaya, M.V. Ghica, E. Dănilă, Ş. Öztürk, M. Türkmen, M.G. Albu Kaya, **C.E. Dinu-Pîrvu**, Selection of optimal operating conditions for extraction of *Myrtus Communis* L. essential oil by the steam distillation method, *Molecules*, 2020, 25(10), 2399;



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro  
<https://doi.org/10.3390/molecules251023993>, ISSN 1420-3049, FI – 4,411/2020, Q2.  
<https://www.mdpi.com/1420-3049/25/10/2399>

**AP 16.** P.A. Dumitrașcu, C.G. Stecoza, M. Gavrilescu, C. Alecsandrescu, A. Ivancencu, V. Anuța, L. Popa, M. V. Ghica, **C.E. Dinu-Pîrvu**, The impact of the lubrication step with magnesium stearate on the quality target product profile of a modified release oral dosage form containing a BCS class II active pharmaceutical ingredient, *Farmacia*, 2020, 68(3), 526-531, <https://doi.org/10.31925/farmacia.2020.3.193>, ISSN 0014-8237, FI - 1,433/2020.  
<http://www.revistafarmacia.ro/202003/issue32020art19.html>

**AP 17.** R. Popescu, M.V. Ghica, **C.E. Dinu-Pîrvu\***, V. Anuța, D. Lupuliasa, L. Popa, New opportunity to formulate intranasal vaccines and drug delivery systems based on chitosan, *International Journal of Molecular Sciences*, 2020, 21(14), 5016, <https://doi.org/10.3390/ijms21145016>, ISSN 1422-0067, FI – 5,923/2020, Q1 (autor corespondent).

<https://www.mdpi.com/1422-0067/21/14/5016>.

**AP 18.** P.A. Dumitrașcu, C. Funieru, V. Anuța, A.G. Coman, C. Alecsandrescu, A. Ivancencu, L. Popa, M. V. Ghica, **C.E. Dinu-Pîrvu**, Evaluation of the impact of the inlet air humidity during coating step on the in vitro dissolution of modified-release film-coated pellets containing a BCS class I active substance, *Farmacia*, 2020, 68(5), 856-863, <https://doi.org/10.31925/farmacia.2020.5.12>, ISSN 0014-8237, FI - 1,433/2020.  
[https://farmaciajournal.com/wp-content/uploads/2020-05-art-12-Dumitrascu\\_Anuta\\_Dinu-Pirvu\\_856-863.pdf](https://farmaciajournal.com/wp-content/uploads/2020-05-art-12-Dumitrascu_Anuta_Dinu-Pirvu_856-863.pdf)

**AP 19.** E. Pahontu, M. Proks, S. Shova, G. Lupascu, D.C. Ilies, S.F. Barbuceanu, L.I. Socea, M. Badea, V. Paunescu, D. Istrati, A. Gulea, D. Dragănescu, **C.E. Dinu-Pîrvu**, Synthesis, characterization, molecular docking studies and in vitro screening of new metal complexes with Schiff base as antimicrobial and antiproliferative agents, *Applied Organometallic Chemistry*, 2019, 33(11): e5185 DOI: 10.1002/aoc.5185, ISSN 0268-2605, FI - 3,140/2018, Q1.  
<https://onlinelibrary.wiley.com/doi/full/10.1002/aoc.5185>

**AP 20.** I. Fierascu, I. C. Fierascu, **C. E. Dinu-Pîrvu\***, R. C. Fierascu, V. Anuta, B. S. Velescu, M. Jinga, V. Jinga, A Short overview of recent developments on antimicrobial coatings based on phytosynthesized metal nanoparticles, *Coatings*, 2019, 9(12): 787 DOI: 10.3390/coatings9120787, eISSN: 2079-6412, FI - 2,436/2019, Q2 (autor corespondent).  
<https://www.mdpi.com/2079-6412/9/12/787>

**AP 21.** R.C. Fierascu, I. Fierascu , A. Ortan, I. Catalina Fierascu, V. Anuta, B. Velescu, S.M. Pituru, **C.E. Dinu-Pîrvu**, *Leonurus cardiaca* L. as a Source of Bioactive Compounds: An Update of the European Medicines Agency Assessment Report (2010), BioMed Research International, 2019, Article ID 4303215, 13 pages <https://doi.org/10.1155/2019/4303215>, ISSN: 2314-6133, eISSN: 2314-6141, FI - 2,276/2019.  
<https://www.hindawi.com/journals/bmri/2019/4303215/>

**AP 22.** D.C. Ioan, I. Rău , G.T. Tihan, R.G. Zgârian, M.V. Ghica, M.G. Albu Kaya , **C.E. Dinu-Pîrvu**, Piroxicam-collagen-based sponges for medical applications, *International Journal of Polymer Science*, 2019, Article ID 6062381, 7 pages, <https://doi.org/10.1155/2019/6062381>, ISSN 2314-8861, FI - 1,646/2019, Q2.  
<https://www.hindawi.com/journals/ijps/2019/6062381/>

**AP 23.** I. Fierascu, **C.E. Dinu-Pîrvu\***, R.C. Fierascu, B.S. Velescu, V. Anuta, A. Ortan, V. Jinga, 2018. Phytochemical profile and biological activities of *Satureja hortensis* L.: A Review of the last



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro  
decade, *Molecules*, 2018, 23, 2458, doi: 10.3390/molecules23051120, ISSN 1420-3049, FI - 3,060/2018, Q2.  
<https://www.mdpi.com/1420-3049/23/10/2458>

**AP 24.** T. Irimia, **C.E. Dinu-Pîrvu\***, M.V. Ghica, D. Lupuleasa, D.L. Muntean, D.I. Udeanu, L. Popa, Chitosan-based in situ gels for ocular delivery of therapeutics: a state-of-the-art review, *Marine Drugs*, 2018, 16, 373, doi:10.3390/md16100373, ISSN 1660-3397, FI - 3,772/2018 (autor corespondent), Q1.

<https://www.mdpi.com/1660-3397/16/10/373>

**AP 25.** T. Irimia, M.V. Ghica, L. Popa, V. Anuța, A.L. Arsene, **C.E. Dinu-Pîrvu**, Strategies for improving ocular drug bioavailability and corneal wound healing with chitosan-based delivery systems, *Polymers*, 2018, 10(11), 1221, doi:10.3390/polym10111221, ISSN 2073-4360, FI - 3,164/2018, Q1.

<https://www.mdpi.com/2073-4360/10/11/1221>

**AP 26.** D.I. Udeanu, M.G. Albu Kaya, M.V. Ghica, Ş. Marin, M.M. Marin, D.A. Kaya, L. Popa, **C.E. Dinu-Pîrvu**, Anti-inflammatory drug-loaded biopolymeric spongyous matrices with therapeutic perspectives in burns treatment, *Farmacia*, 2018, 66(5), 783-790, <https://doi.org/10.31925/farmacia.2018.5.7>, FI - 1,527/2018.

<http://www.revistafarmacia.ro/201805/issue52018art7.html>

**AP 27.** C. Tuchilă#, D. Baconi#, V. Anuța#, **C. E. Dinu-Pîrvu#**, A. M. Vlăsceanu#, C. Bălălău#, M.M. Constantin#, M. Stan#, Development of a High Performance Chromatographic Method for therapeutic drug monitoring of Carbamazepine based on an experimental design approach, *Farmacia*, 2018, 66 (3), 452-462, FI - 1,527/2018 (#contribuție egală).

[http://www.revistafarmacia.ro/201803/2018-03-art-09-Tuchila\\_Baconi\\_Stan\\_452-462.pdf](http://www.revistafarmacia.ro/201803/2018-03-art-09-Tuchila_Baconi_Stan_452-462.pdf)

**AP 28.** R.C. Fierăscu#, **C. E. Dinu-Pîrvu#**, I. Fierăscu#, V. Țărmure#, N. Stanică, C.-A. Nicolae, R. Somoghi, B. Trică, V. Anuța#, Inorganic/Organic Core-Shell Magnetic Materials for removal of endocrine disrupting pharmaceuticals from water, *Farmacia*, 2018, 66 (2), 316-322, FI - 1,527/2017 (#contribuție egală).

[http://www.revistafarmacia.ro/201802/art-18-Fierascu\\_Fierascu\\_Anuta\\_316-322.pdf](http://www.revistafarmacia.ro/201802/art-18-Fierascu_Fierascu_Anuta_316-322.pdf)

**AP 29.** B.S. Velescu\*\*, V. Anuța\*\*, G.M. Nitulescu\*\*, O.T. Olaru\*\*, A. Orțan\*\*, D. Ionescu\*\*, M.V. Ghica\*\*, C.M. Drăgoi\*\*, **C.E. Dinu Pîrvu\*\***, Pharmaceutical assessment of romanian crops of *Anthriscus sylvestris* (Apiaceae), *Farmacia*, 2017, 65(6), 728-735, ISSN 0014-8237, FI - 1,507/2017 (\*\*contribuție egală).

<http://www.revistafarmacia.ro/201706/issue62017art2.html>

**AP 30.** O. T. Olaru, G. M. Nitulescu, A. Ortan, N. Babeanu, O. Popa, D. Ionescu, **C.E. Dinu-Pîrvu**, Polyphenolic content and toxicity assessment of *Anthriscus sylvestris* Hoffm. Romanian Biotechnological Letters, 2016, 22(6), 12054-12061, ISSN 1224 – 5984, FI - 0,396/2016.

<https://e-repository.org/rbl/vol.21/iss.6/10.pdf>

**AP 31.** M.V. Ghica, M. Hîrjău, D. Lupuleasa, **C.E. Dinu-Pîrvu**, Flow and thixotropic parameters for rheological characterization of hydrogels, *Molecules*, 2016, 21(6), E 786, doi:10.3390/molecules21060786, ISSN 1420-3049, FI - 2,861/2016, Q2.

[http://www.mdpi.com/1420-3049/21/6/786](https://www.mdpi.com/1420-3049/21/6/786)

**AP 32.** C.D. Toderescu#, **C. Dinu-Pîrvu#**, M.V. Ghica#, V. Anuța#, D.E. Popa#, L. Vlaia#, D. Lupuliasa#, Influence of formulation variables on ketoprofen diffusion profiles from hydroalcoholic gels, *Farmacia*, 2016, 64(5), 728-735, ISSN 0014-8237, FI - 1,348/2016 (# contribuție egală).

<http://www.revistafarmacia.ro/201605/issue52016art13.html>



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro

**AP 33.** A. Ortan, I. Fierascu, C. Ungureanu, R.C. Fierascu, S.M. Avramescu, O. Dumitrescu, **C.E. Dinu-Pîrvu**, Innovative phytosynthesized silver nanoarchitectures with enhanced antifungal and antioxidant properties, Applied Surface Science, 2015, 358, Part B, 540–548, ([doi:10.1016/j.apusc.2015.07.160](https://doi.org/10.1016/j.apusc.2015.07.160)), **FI - 3,150/2015**.

<https://www.sciencedirect.com/science/article/pii/S0169433215017274>

**AP 34.** O.T. Olaru, G.M. Nițulescu, A. Ortan, **C.E. Dinu-Pîrvu**, Ethnomedicinal, phytochemical and pharmacological profile of Anthriscus sylvestris as an alternative source for anticancer lignans, Molecules, 2015, 20(8), 15003-15022; DOI:10.3390/molecules200815003, **FI - 2,465**.

<https://www.ncbi.nlm.nih.gov/pubmed/26287153>

**AP 35.** O. Popa, N.E. Băbeanu, I. Popa, S. Niță, **C.E. Dinu-Pîrvu**, Methods for obtaining and determination of squalene from natural sources, BioMed Research International, 2015, Volume, Article ID 367202, 16 pages, <http://dx.doi.org/10.1155/2015/367202>, ISSN 2314-6133, **FI - 2,134/2015**.

<https://www.hindawi.com/journals/bmri/2015/367202/>

**AP 36.** A. Butu, S. Rodino, D. Golea, M. Butu, M. Butnariu, C. Negoescu, **C.E. Dinu-Pîrvu**, 2015. Liposomal nanodelivery system for proteasome inhibitor anticancer drug bortezomib, Farmacia, 2015, 63(2), p. 224-229, ISSN 0014-8237, **FI - 1,162/2015**.

<http://www.revistafarmacia.ro/201502/issue22015art11.html>

**AP 37.** C. Rusu, D.A. Kaya, M.V. Ghica, M.G. Albu, L. Popa, A. Buțu, **C.E. Dinu-Pîrvu**, Eucalyptus-collagen composite gels for dentistry applications, Digest Journal of Nanomaterials and Biostructures, 2014, 9(1), 317-323, ISSN 1842-3582, **FI - 0,945/2014**.

[http://www.chalcogen.ro/317\\_Rusu.pdf](http://www.chalcogen.ro/317_Rusu.pdf)

**AP 38.** L. Popa, M.V. Ghica, **C.E. Dinu-Pîrvu**, Periodontal chitosan-gels designed for improved local intra-pocket drug delivery, Farmacia, 2013, 61(2), 240-250, ISSN 0014-8237, **FI - 1,251/2013**.

<http://www.revistafarmacia.ro/201302/issue22013art02.html>

**AP 39.** L. Popa, M.V. Ghica, M.G. Albu, A. Ortan, **C.E. Dinu-Pîrvu**, Hysteresis of contact angle. Dynamic wettability studies of collagen and doxycycline porous matrices crosslinked with tannic acid, Digest Journal of Nanomaterials and Biostructures, 2013, 8(3), 937-943, ISSN 1842-3582, **FI - 1,123/2013**.

<http://www.chalcogen.ro/index.php/journals/digest-journal-of-nanomaterials-and-biostructures/8-djnb/32-volume-8-number-3-july-september-2013>

**AP 40.** **C.E. Dinu-Pîrvu**, M. Ferdeș, A. Buțu, A. Ortan, M.V. Ghica, Physicochemical investigation of low soluble biocompounds entrapped in lipid carriers, Farmacia, 2013, 61(1), 182-192, ISSN 0014-8237, **FI - 1,251/2013**.

<http://www.revistafarmacia.ro/201301/issue12013art16.html>

**AP 41.** V. Uivaroși, **C.E. Dinu-Pîrvu\***, M.V. Ghica, V. Anuța, 2013. Preformulation studies using cosolvent systems to increase the solubility of a new enrofloxacin ruthenium (III) complex with biological activity, Farmacia, 61(1), 127-142, ISSN 0014-8237, **FI - 1,251/2013 (autor corespondent)**.

<http://www.revistafarmacia.ro/201301/issue12013art12.html>

**AP 42.** **C. Dinu Pîrvu**, C.C. Aramă, C. Radu, V. Uivaroși, Preliminary preformulation studies for a new norfloxacin ruthenium (III) complex with biological activity, Farmacia, 2013, 61(2), 251-261, ISSN 0014-8237, **FI - 1,251/2013**.

<http://www.revistafarmacia.ro/201302/issue22013art03.html>



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfcd.ro, email: rectorat@umfcd.ro

**AP 43.** C. Dinu-Pîrvu, S. Ivana, A study of the influence of crosslinking degree on the physicochemical properties of gelatin microparticles, Cellulose Chemistry and Technology, 2013, 47 (9-10), 721-726, ISSN 0576-9787, ISSN 2457-9459 (Online), ISSN-L 0576-9787 (Print), **FI - 0,833/2013.**

<https://pdfs.semanticscholar.org/0b3b/a957e38e53e6d16bac4472da19f4f7119634.pdf>.

**AP 44.** C. Bostan, M. Butnariu, M. Butu, A. Ortan, A. Butu, S. Rodino, **C. Dinu-Pîrvu**, Allelopathic effect of *Festuca rubra* on perennial grasses, Romanian Biotechnological Letters, 2013, 18(2), 8190-8196, ISSN 1224-5984, **FI - 0,351/2013.**

<https://www.rombio.eu/vol18nr2/15%20Cristi%20Bostan.pdf>

**AP 45.** S. Ivana, E. Tuluca, **C. Pîrvu Dinu**, Study on the modifications in the composition of sugars from lignocellulosic substrates exposed to the action of fungi, Cellulose Chemistry and Technology, 2013, 47 (5-6), 419-424, ISSN 0576-9787, **FI - 0,833/2013.**

[http://www.cellulosechemtechnol.ro/pdf/CCT5-6\(2013\)/p.419-424.pdf](http://www.cellulosechemtechnol.ro/pdf/CCT5-6(2013)/p.419-424.pdf)

**AP 46.** D. Draganescu, D. Lupuleasa, I.B. Dumitrescu, D.F. Ciolan, A.E. Taerel, S. Bocance, D.M. Iordanescu, **C. Dinu-Pîrvu\***, L. Popa, Analysis of data regarding pharmaceutical lifelong learning programs in Romania. Prerequisites and Outcomes, Farmacia, 61(3), 459-468, ISSN 0014-8237, **FI - 1,251/2013 (autor corespondent).**

<http://www.revistafarmacia.ro/201303/issue32013art05.html>

**AP 47.** A. Păunescu, R. Dima, M. C. Ponepal, G. Brinzea, I. Iosub, L.C. Soare, D. Drăgănescu, **C. Dinu-Pîrvu**, The protective role of malvidin on the hematological, biochemical and histopathological parameters of marsh frog (*Pelophylax Ridibundus*) exposed to sublethal doses of Roundup®, Farmacia, 2013, 61(3), 439-447, ISSN 0014-8237, **FI - 1,251/2013.**

<http://www.revistafarmacia.ro/201303/issue32013art0>

**AP 48.** D. Drăgănescu, D. Lupuleasa, I.B. Dumitrescu, **C.E. Dinu Pîrvu\***, D.F. Ciolan, Evidence on e-Prescribing systems worldwide. First Romanian results, Farmacia, 2013, 61(2), 353-360, ISSN 0014-8237, **FI - 1,251/2013 (autor corespondent).**

<http://www.revistafarmacia.ro/201302/art-13-draganescu%20353-360.pdf>

**AP 49.** A. Ortan, M. Ferdes, S. Rodino, **C. Dinu Pîrvu\***, D. Draganescu, Topical delivery system of liposomally encapsulated volatile oil of *Anethum Graveolens*, Farmacia, 2013, 61(2), 361-370, ISSN 0014-8237, **FI - 1,251/2013 (autor corespondent).**

<http://www.revistafarmacia.ro/201302/issue22013art14.html>

**AP 50.** S.F. Barbuceanu, G. Saramet, G. Bancescu, C. Draghici, T.V. Apostol, L. Taran, **C.E. Dinu-Pîrvu**, Synthesis, characterization and antimicrobial activity of some hydroxypyrazolines, Revista de Chimie, 2013, 64(4), 355-360, ISSN 0034-7752, **FI - 0,677/2013.**

<http://www.revistadechimie.ro/pdf/BARBUCEANU%20S.pdf%204%2013.pdf>

**AP 51.** **C. Dinu Pîrvu**, A. Ortan, M. Hirjau, R. Prisada, D. Lupuleasa, A.T. Bogdan, Studies concerning the optimization of the pentoxifylline encapsulation, Romanian Biotechnological Letters, 2011, 16(1), 66-74, ISSN 1224-5984, **FI - 0,349/2011.**

<https://www.rombio.eu/rbl1vol16Supplement/10%20Cristina%20Parvu.pdf>

**AP 52.** **C. Dinu Pirvu**, A. Orțan, C. Hlevca, Elastic vesicles as drug carriers through the skin, Farmacia, 2010, 58(2), 128-135, ISSN 0014-8237, **FI - 0,850/2010.**

<http://www.revistafarmacia.ro/20102/issue22010art02.html>



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

Criteriul	Standard minim	Realizat
<b>Număr articole publicate în reviste cotate ISI în calitate de coautor</b>	<b>5</b>	<b>45</b>

Criteriu îndeplinit:

DA       NU

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

**CA 1.** E. Dănilă, D.A. Kaya, V. Anuță, L. Popa, A.E. Coman, C. Chelaru, R.R. Constantinescu, C. Dinu-Pîrvu, M.G. Albu Kaya, M.V. Ghica, Formulation and characterization of niacinamide and collagen emulsion and its investigation as a potential cosmeceutical product, *Cosmetics*, 2024, 11(2), 40, <https://doi.org/10.3390/cosmetics11020040>, ISSN 2079-9284, **FI - 3,3/2022**.  
<https://www.mdpi.com/2079-9284/11/2/40>

**CA 2.** M.T. Talianu, C.E. Dinu-Pîrvu, M.V. Ghica, V. Anuță, R.M. Prisada, L. Popa, Development and characterization of new miconazole-based microemulsions for buccal delivery by implementing a full factorial design modeling, *Pharmaceutics*, 2024, 16(2), 271, <https://doi.org/10.3390/pharmaceutics16020271>, ISSN 1999-4923, **FI - 5,4/2022, Q1**.  
<https://www.mdpi.com/1999-4923/16/2/271>

**CA 3.** C.D. Ioan, I. Rău, M.G. Albu Kaya, R.G. Zgărian, G.T. Tihan, C.E. Dinu-Pîrvu, L. Popa, M.V. Ghica, Collagen based sponges for veterinary applications, *University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science (UPB - Scientific Bulletin, Series B)*, 2024, 86(1), 135-144, ISSN 1454-2331, **FI - 0,5/2022**.  
[https://www.scientificbulletin.upb.ro/rev\\_docs\\_arhiva/rez70a\\_404556.pdf](https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez70a_404556.pdf)

**CA 4.** A.M. Udrea, S. Avram, L.I. Rotaru, D.C. Nută, F. Dumitrașcu, I.M. Vlad, M. Coandă, C.E. Dinu-Pîrvu, C. Limban, Characterization of novel carprofen derivatives as inhibitors of the serotonin 5-HT2C receptors and CLK4-KD protein kinase for the development of pharmacologically active compounds, *Farmacia*, 2023, 71(6), 1232-1240, <https://doi.org/10.31925/farmacia.2023.6.14>, ISSN 0014-8237, **FI - 1,6/2022**.  
[https://farmaciajournal.com/wp-content/uploads/art-14-Udrea\\_Vlad\\_Limban\\_1232-1240.pdf](https://farmaciajournal.com/wp-content/uploads/art-14-Udrea_Vlad_Limban_1232-1240.pdf)

**CA 5.** Vlad IM, Nută DC, Ancuceanu RV, Costea T, Coanda M, Popa M, Marutescu LG, Zarafu I, Ionita P, **Pirvu CED**, Bleotu C, Chifiriuc MC, Limban C., Insights into the microbicidal, antibiofilm, antioxidant and toxicity profile of new O-aryl-carbamoyl-oxymino-fluorene derivatives, *International Journal of Molecular Science*, 2023, 24(8), 7020, <https://doi.org/10.3390/ijms24087020>, ISSN 1422-0067, **FI - 5,6/2022**.  
<https://www.mdpi.com/1422-0067/24/8/7020>

**CA 6.** C. Hodoșan, C.E. Gîrd, M.V. Ghica, C.E. Dinu-Pîrvu, L. Nistor, I.S. Barbuica, ř.C. Marin, A. Mihalache, L. Popa, Pyrethrins and pyrethroids: A comprehensive review of natural occurring compounds and their synthetic derivatives, *Plants*, 2023, 12(23), 4022, <https://doi.org/10.3390/plants12234022>, ISSN 2223-7747, **FI - 4,5/2022, Q1**.  
<https://www.mdpi.com/2223-7747/12/23/4022>



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro

**CA 7.** A.G. Simonca, M.G. Albu Kaya, I. Rău, M.M. Marin, **C.E. Dinu-Pîrvu**, A. Lupuliasa, M.V. Ghica, The influence of the formulation factors on the design and characterization of some collagen-based hydrogels with metronidazole, *University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science (UPB - Scientific Bulletin, Series B)*, 2023, 85(3), 43-52, ISSN 1454-2331, **FI - 0,5/2022**.

[https://www.scientificbulletin.upb.ro/rev\\_docs\\_arhiva/rezb0a\\_599917.pdf](https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezb0a_599917.pdf)

**CA 8.** M.C. Anicescu, **C.E. Dinu-Pîrvu**, M.T. Talianu, M.V. Ghica, V. Anuța, R.M. Prisada, A.C. Nicoară, L. Popa, Insights from a Box–Behnken optimization study of microemulsions with salicylic acid for acne therapy, *Pharmaceutics*, 2022, 14(1), 174, <https://doi.org/10.3390/pharmaceutics14010174>, ISSN 1999-4923, **FI - 5,4/2022, Q1.**

<https://www.mdpi.com/1999-4923/14/1/174>

**CA 9.** V. Năstăsescu, M. Mititelu, T.I. Stanciu, D. Drăgănescu, N.D. Grigore, D.I. Udeanu, G. Stanciu, S.M. Neacșu, **C.E. Dinu-Pîrvu**, E. Oprea, M. Ghica, Food habits and lifestyle of Romanians in the context of the COVID-19 pandemic, *Nutrients*, 2022, 14(3), 504, <https://doi.org/10.3390/nu14030504>, ISSN 2072-6643, **FI - 5,9/2022, Q1.**

<https://www.mdpi.com/2072-6643/14/3/504>

**CA 10.** I.D. Bărbulescu, M.V. Ghica, Mihaela Begea, M.G. Albu Kaya, R.I. Teodorescu, L. Popa, S.I. Mărăculescu, A. Ionuț Cîrîc, C. Dumitache, D. Lupuliasa, F. Matei, **C.E. Dinu-Pîrvu**, Optimization of the fermentation conditions for brewing yeast biomass production using the response surface methodology and Taguchi technique, *Agriculture*, 2021, 11(12), 1237, <https://doi.org/10.3390/agriculture11121237>, ISSN 2077-0472, **FI - 3,408/2021, Q1.**

<https://www.mdpi.com/2077-0472/11/12/1237>

**CA 11.** C.M. Anicescu, **C.E. Dinu-Pîrvu**, M.V. Ghica, M.T. Thalianu, L. Popa, Preliminary study regarding the formulation and physical evaluation of some biocompatible, oil in water microemulsions with salicylic acid for dermatologic use, *Farmacia*, 2021, 69(3), 434-445, <https://doi.org/10.31925/farmacia.2021.3.6>, ISSN 0014-8237, **FI - 1,550/2021.**

[https://farmaciajournal.com/wp-content/uploads/art-06-Anicescu\\_Ghica\\_Popa\\_434-445.pdf](https://farmaciajournal.com/wp-content/uploads/art-06-Anicescu_Ghica_Popa_434-445.pdf)

**CA 12.** A.L. Arsene, I.B. Dumitrescu, C.M. Drăgoi, D.I. Udeanu, D. Lupuliasa, V. Jinga, D. Drăgănescu, **C. E. Dinu-Pîrvu**, G.T.A. Burcea Dragomiroiu, I. E. Blejan, R.E. Moisi, A.C. Nicolae, H. Moldovan, D.E. Popa, B.S. Velescu, S. Ruță, A new era for the therapeutic management of the ongoing COVID-19 pandemic, *Farmacia*, 2020, 68(2), 185-196, [doi.org/10.31925/farmacia.2020.2.1](https://doi.org/10.31925/farmacia.2020.2.1), ISSN 0014-8237, **FI - 1,433/2020.**

<http://www.revistafarmacia.ro/202002/issue22020art1.html>

**CA 13.** V. Năstăsescu, M. Mititelu, M. Goumenou, A.O. Doce, E. Renieri, D.I. Udeanu, E. Oprea, A.L. Arsene, **C.E. Dinu-Pîrvu**, M. Ghica, Heavy metal and pesticide levels in dairy products: Evaluation of human health risk, *Food and Chemical Toxicology*, 2020, 146, 111844, <https://doi.org/10.1016/j.fct.2020.111844>, ISSN 0278-6915, **FI - 6,025/2020, Q1.**

<https://www.sciencedirect.com/science/article/abs/pii/S0278691520307341>

**CA 14.** C. Limban, D.C. Nuta, A. Missir, R. Roman, M.T. Caproiu, F. Dumitrascu, L. Pintilie, A. Stefanii, M.C. Chifiriuc, M. Popa, I. Zarafu, A.L. Arsene, **C.E. Dinu-Pîrvu**, D.I. Udeanu, I.R. Papacocea, Synthesis and characterization of new fluoro/trifluoromethyl-substituted acylthiourea derivatives with promising activity against planktonic and biofilm-embedded microbial cells, *Processes*, 2020, 8(5), 503, <https://doi.org/10.3390/pr8050503>, ISSN 2227-9717, **FI - 2,847/2020, Q2.**

<https://www.mdpi.com/2227-9717/8/5/503>

**CA 15.** R.C. Fierascu, I.C. Fierascu, **C.E. Dinu-Pîrvu**, I. Fierascu, A. Paunescu, The application

UMFCD: cod fiscal: 4192910, cont: RO57TREZ70220F330500XXXX, banca: TREZORERIE sect. 2  
tel: +40.21 318.0719; +40.21 318.0721; +40.21 318.0722



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro

of essential oils as a next-generation of pesticides: recent developments and future perspectives, Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 2020, 75(7-8), 183-204, doi: 10.1515/znc-2019-0160, ISSN 0939-5075, FI - 1,649/2020.

<https://www.degruyter.com/view/journals/znc/75/7-8/article-p183.xml>

**CA 16.** D.C. Ioan, I. Rău, M. Ge. Albu Kaya, N. Radu, M. Bostan, R.G. Zgârian, G.T. Tihan, **C.E. Dinu-Pîrvu**, A. Lupuliasa, M.V. Ghica, Ciprofloxacin–collagen-based materials with potential oral surgical applications, Polymers, 2020, 12(9), 1915; <https://doi.org/10.3390/polym12091915>, ISSN 2073-4360, FI – 4,329/2020, Q1.

<https://www.mdpi.com/2073-4360/12/9/1915>

**CA 17.** M.T. Talianu, **C.E. Dinu-Pîrvu**, M.V. Ghica, V. Anuța, V. Jinga, L. Popa, Foray into concepts of design and evaluation of microemulsions as a modern approach for topical applications in acne pathology, Nanomaterials, 2020, 10(11), 2292, <https://doi.org/10.3390/nano10112292>, ISSN 2079-4991, FI – 5,076/2020, Q2.

<https://www.mdpi.com/2079-4991/10/11/2292>

**CA 18.** M.M. Marin, M.G. Albu Kaya, H. Iovu, C.E. Stavarache, C. Chelaru, R.R. Constantinescu, **C.E. Dinu-Pîrvu**, M.V. Ghica, Obtaining, evaluation, and optimization of doxycycline-loaded microparticles intended for the local treatment of infectious arthritis, Coatings, 2020, 10(10), 990, <https://doi.org/10.3390/coatings10100990>, ISSN 2079-6412, FI - 2,881/2020, Q2.

<https://www.mdpi.com/2079-6412/10/10/990>

**CA 19.** R. Ancuceanu, M. Dinu, **C.E. Dinu-Pîrvu**, V. Anuța, V. Negulescu, Pharmacokinetics of β-ring unsubstituted flavones, Pharmaceutics, 2019, 11(8): E370 <https://doi.org/10.3390/pharmaceutics11080370>, ISSN: eISSN: 1999-4923, FI - 4,421/2019, Q1.

<https://www.mdpi.com/1999-4923/11/8/370>

**CA 20.** T. Olaru, A. Zanfirescu, G.M. Nitulescu, G. Nitulescu, **C.E. Dinu-Pîrvu**, V. Anuta, A. Tsatsakis, D.A. Spandidos, D. Margină, O. C. Seremet, Predictive power of the Triticum root elongation test for the assessment of novel anti-proliferative therapies, International Journal of Molecular Medicine, 2019, 44(1): 16-24 DOI: 10.3892/ijmm.2019.4192, ISSN: 1107-3756 , FI - 3,098/2019 , Q2.

<https://www.spandidos-publications.com/ijmm/44/1/16>

**CA 21.** C. Pîrsean, C. Neguț, R.I. Stefan-van Staden, **C.E. Dinu-Pîrvu**, P. Armean, D.I. Udeanu, The salivary levels of leptin and interleukin-6 as potential inflammatory markers in children obesity, PLoS One, 2019, 14(1):e0210288. doi: 10.1371/journal.pone.0210288. eCollection, FI - 2,740/2019, Q2.

<https://journals.plos.org/plosone/article/comments?id=10.1371/journal.pone.0210288>

**CA 22.** G.T. Tihan, I. Rău, R.G. Zgârian, C. Ungureanu, R.C. Barbaresco, M.G. Albu Kaya , **C. Dinu-Pîrvu**, M.V. Ghica, Oxytetracycline versus doxycycline collagen sponges designed as potential carrier supports in biomedical applications, Pharmaceutics, 2019, 11(8), 363, <https://doi.org/10.3390/pharmaceutics11080363>, ISSN 1999-4923, FI - 4,421/2019, Q1.

<https://www.mdpi.com/1999-4923/11/8/363>

**CA 23.** R.C. Fierascu, I.C. Fierascu, **C.E. Dinu-Pîrvu**, I. Fierascu, A. Paunescu, The application of essential oils as a next-generation of pesticides: recent developments and future perspectives, Zeitschrift fur Naturforschung. C, Journal of biosciences, 2019, <https://doi.org/10.1515/znc-2019-0160>, ISSN 0939-5075, FI - 1,238/2019.

<https://www.degruyter.com/view/journals/znc/ahead-of-print/article-10.1515-znc-2019-0160/article-10.1515-znc-2019-0160.xml>



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfcd.ro, email: rectorat@umfcd.ro

**CA 24.** T. Irimia, G. C. Mușat, R. M. Prisada, M.V. Ghica, **C.E. Dinu-Pîrvu**, V. Anuța, B.Ş. Velescu, L. Popa, Contributions on formulation and preliminary evaluation of ocular colloidal systems of chitosan and poloxamer 407 with bupivacaine hydrochloride, Farmacia, 2019, 67(4), 702-708, <https://doi.org/10.31925/farmacia.2019.4.20>, ISSN 0014-8237 **FI - 1,607/2019**.  
<http://www.revistafarmacia.ro/201904/issue42019art20.html>

**CA 25.** Ș. Marin, M.G. Albu Kaya, M.V. Ghica, **C.E. Dinu-Pîrvu**, L. Popa, D.I. Udeanu, G. Mihai, M. Enăchescu, Collagen-polyvinyl alcohol-indomethacin biohybrid matrices as wound dressings, Pharmaceutics, 2018, 10 (4), 224, doi:10.3390/pharmaceutics10040224, ISSN 1999-4923, **FI - 4,773/2018, Q1**.

<https://www.mdpi.com/1999-4923/10/4/224>

**CA 26.** R.E. Avrămescu, M.V. Ghica, **C.E. Dinu-Pîrvu**, D.I. Udeanu, L. Popa, Liquid marbles: from industrial to medical applications, Molecules, 2018, 23, 1120, doi: 10.3390/molecules23051120, ISSN 1420-3049, **FI - 3,060/2018, Q2**.  
<http://www.mdpi.com/1420-3049/23/5/1120>

**CA 27.** M. Rîvis, A.G. Simonca, M.M. Marin, A.N. Văleanu, I. Rau, M.G. Albu Kaya, E. Ianes, C. Chelaru, **C. Dinu-Pîrvu**, M.V. Ghica, New treatment for dentistry regeneration based on metronidazole release from collagen/strontium sponges, Materiale Plastice, 2018, 55(2), 243-246, ISSN 0025-5289, **FI - 1,3938/2018**.  
<http://www.revmaterialeplastice.ro/pdf/25%20RIVIS%202%2018.pdf>

**CA 28.** M.M. Marin, M.G. Albu Kaya, M. Ignat, M.V. Ghica, **C. Dinu-Pîrvu**, V. Anuța, L. Popa, Collagen-lidocaine microcapsules with controlled release for tooth extraction pain, Revista de Chimie, 2018, 69(5), 1213-1215, ISSN 0034-7752, **FI - 1,605/2018**.  
[http://www.revistadechimie.ro/article\\_eng.asp?ID=6291](http://www.revistadechimie.ro/article_eng.asp?ID=6291)

**CA 29.** R.E. Avrămescu, M.V. Ghica, **C.E. Dinu-Pîrvu**, R. Prisada, L. Popa, Superhydrophobic natural and artificial surfaces - a structural approach, Materials, 2018, 11(5), 866; doi:10.3390/ma11050866, ISSN 1996-1944, **FI - 2,972/2018, Q2**.  
<http://www.mdpi.com/1996-1944/11/5/866>

**CA 30.** Fierascu, C. Ungureanu, S. M. Avramescu, C. Cimpeanu, M. I. Georgescu, R. C. Fierascu, A. Ortan, A. N. Sutan, V. Anuta, A. Zanfirescu, **C.E. Dinu-Pîrvu**, B. Velescu, Genoprotective, antioxidant, antifungal and anti-inflammatory evaluation of hydroalcoholic extract of wild-growing *Juniperus communis* L. (Cupressaceae) native to Romanian southern sub-Carpathian hills, BMC Complementary and Alternative Medicine, 2018, 18:3 DOI10.1186/s12906-017-2066-8, ISSN 1472-6882, **FI - 2,479/2018**.  
<https://bmccomplementalternmed.biomedcentral.com/track/pdf/10.1186/s12906-017-2066-8?site=bmccomplementalternmed.biomedcentral.com>

**CA 31.** R. C. Fierascu, M. I. Georgiev, I. Fierascua, C. Ungureanu, S. M. Avramescu, A. Ortan, M. I. Georgescu, A. N. Sutan, A. Zanfirescu, **C. E. Dinu-Pîrvu**, B. Velescu, V. Anuta, Mitodepressive, antioxidant, antifungal and anti-inflammatory effects of wild-growing Romanian native *Arctium lappa* L. (Asteraceae) and *Veronica persica* Poiret (Plantaginaceae), Food and Chemical Toxicology, 2018, 111, 44-52, <https://doi.org/10.1016/j.fct.2017.11.008>, **FI - 3,775/2018**.  
<https://www.sciencedirect.com/science/article/pii/S027869151730666X>

**CA 32.** M.V. Ghica, M.G. Albu Kaya, **C.E. Dinu-Pîrvu**, D. Lupuleasa, D.I. Udeanu, Development, Optimization and In Vitro/In Vivo Characterization of Collagen-Dextran Spongious Wound Dressings Loaded with Flufenamic Acid, Molecules, 2017, 22(9), E1552, doi:10.3390/molecules22091552, ISSN 1420-3049, **FI - 3,098/2017, Q2**.



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro  
<http://www.mdpi.com/1420-3049/22/9/1552>

**CA 33.** M.V. Ghica, M.G. Albu, D.A. Kaya, L. Popa, Ş. Öztürk, L.C. Rusu, **C. Dinu-Pîrvu**, C. Chelaru, L. Albu, A. Meghea, C. Nitipir, The effect of Lavandula essential oils on release of niflumic acid from collagen hydrolysates, Korean Journal of Chemical Engineering, 2016, 33(4), 1325-1330, DOI: 10.1007/s11814-015-0284-7, ISSN 0256-1115, **FI - 2,007/2016**.  
<https://link.springer.com/article/10.1007/s11814-015-0284-7>

**CA 34.** L. Purdoiu, P. Z. Iordache, D. M. Caplan, C. Cîmpeanu, **C. Dinu Pîrvu**, L. Purdoiu, S. Ivana, Comparative analyses of interactions established between nanoparticles and emergent bacteria, Romanian Biotechnological Letters, 2016, 21(3), 11479-11484, ISSN 1224-5984, **FI - 0,396/2016**.  
<https://www.rombio.eu/rbl3vol21/6.%20Letitia%20Purdoiu.pdf>

**CA 35.** R.C. Fierăscu, I. M. Pădure, S. M. Avramescu, C. Ungureanu, R. I. Bunghez, A. Orțan, **C. Dinu-Pîrvu**, I. Fierăscu, L. C. Soare, Preliminary assessment of the antioxidant, antifungal and germination inhibitory potential of Heracleum sphondylium L. (Apiaceae), Farmacia, 2016, 64 (3), 403-408, ISSN 0014-8237, **FI - 1,348/2016**.  
<http://www.revistafarmacia.ro/201603/issue32016art13.html>

**CA 36.** G. Paunica-Panea, A. Ficai, M.M. Marin, S. Marin, M.G. Albu, V.D. Constantin, **C. Dinu-Pîrvu**, Z. Vuluga, M.C. Corobeia, M.V. Ghica, New collagen-dextran-zinc oxide composites for wound dressing, Journal of Nanomaterials, 2016, article ID 5805034, 7 pages, <http://dx.doi.org/10.1155/2016/5805034>, ISSN 1687-4110, **FI - 1,871/2016**.  
<https://www.hindawi.com/journals/jnm/2016/5805034/>

**CA 37.** S. Rodino, A. Butu, P. Petrache, M. Butu, **C.E. Dinu-Pîrvu**, C. P. Cornea, Evaluation of the antimicrobial and antioxidant activity of Sambucus Ebulus extract, Farmacia, 2015, 63(5), 751-54, ISSN 0014-8237, **FI - 1,162/2015**.  
[http://www.revistafarmacia.ro/201505/art-20-Rodino\\_Butu\\_Pirvu\\_751-754.pdf](http://www.revistafarmacia.ro/201505/art-20-Rodino_Butu_Pirvu_751-754.pdf)

**CA 38.** V. Anuța, G.M. Nitulescu, **C.E. Dinu-Pîrvu**, O.T. Olaru, Biopharmaceutical profiling of new antitumor pyrazole derivatives, Molecules, 2014, 19(10), 16381-16401, DOI:[10.3390/molecules191016381](http://dx.doi.org/10.3390/molecules191016381), **FI - 2,416**.  
<http://www.mdpi.com/1420-3049/19/10/16381/notes>

**CA 39.** L.I. Socea, G. Saramet, **C. Dinu-Pîrvu**, C. Draghici, B. Socea, Synthesis and *in vitro* antibacterial activity of some 1,2,4-triazoles and 1,3,4-oxadiazoles derivatives, Revista de Chimie, 2014, 65(3), 253-257, ISSN 0034-7752, **FI - 0,810/2014**.  
[http://www.revistadechimie.ro/article\\_eng.asp?ID=3969](http://www.revistadechimie.ro/article_eng.asp?ID=3969)

**CA 40.** I. Fierascu, I.R. Bunghez, R.C. Fierascu, R.M. Ion, **C. Dinu-Pîrvu**, D. Nută, Characterization and antioxidant activity of phytosynthesised silver nanoparticles using *Calendula officinalis* extract, Farmacia, 2014, 62(1), 2014, p. 129-136, ISSN 0014-8237, **FI - 1,005/2014**.  
<http://www.revistafarmacia.ro/201401/issue12014art12.html>

**CA 41.** M.V. Ghica, M.G. Albu, **C. Dinu-Pîrvu**, Șt. Moisescu, 2012. *In vitro* kinetic release and flow behaviour of some collagen-minocycline topical hydrogels, Revista de Chimie, 63(9), 929-935, ISSN 0034-7752, **FI - 0,538/2012**.  
[http://www.revistadechimie.ro/article\\_eng.asp?ID=3429](http://www.revistadechimie.ro/article_eng.asp?ID=3429)

**CA 42.** A. Orțan, **C. Dinu-Pîrvu**, M.V. Ghica, L.M. Popescu, L. Ioniță, Rheological study of a liposomal hydrogel based on carbopol, Romanian Biotechnological Letters, 2011, 16(1), Suppl.,



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro  
47-54, ISSN 1224-5984, FI - 0,349/2011.

<http://www.rombio.eu/rbl1vol16Supplement/7%20Alina%20Ortan.pdf>

**CA 43.** M.A. Mitu, D. Lupuliasa, **C.E. Dinu-Pîrvu**, F.Ş. Rădulescu, D.S. Miron, L. Vlaia, Ketoconazole in topical pharmaceutical formulations. The influence of the receptor media on the *in vitro* diffusion kinetics, Farmacia, 2011 59(3), 358-366, ISSN 0014-8237, FI – 0,669/2011.  
<http://www.revistafarmacia.ro/20113/issue32011art07.html>

**CA 44.** A. Ortan, M. L. Popescu, A. Gaita, **C. Dinu-Pîrvu**, Gh. Câmpeanu, Contributions to the pharmacognostical study on *Anethum Graveolens* Dill (Apiaceae), Romanian Biotechnological Letters, 2009, 14(2), 4342-4348, ISSN 1224-5984, FI - 0,152/2009.

<https://www.rombio.eu/rbl2vol14/cnt/Lucr-18.pdf>

**CA 45.** A. Ortan, Gh. Câmpeanu, **C. Dinu-Pîrvu**, L. Popescu, Studies concerning the entrapment of Anethum graveolens essential oil in liposomes, Romanian Biotechnological Letters, 2009, 14(3), 4411-4417, ISSN 1224-5984, FI - 0,152/2009.

<https://www.rombio.eu/rbl3vol14/cnt/lucr8.pdf>

### 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	123,025

Criteriu îndeplinit:

XDA       NU

### 4. Indexul Hirsch

Criteriul	Standard minim	Realizat
Index Hirsch	6	24

Criteriu îndeplinit:

X DA       NU

**Note asupra metodei de calcul:**

1. O revistă cotată 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



# UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „CAROL DAVILA“ DIN BUCUREȘTI



Str. Dionisie Lupu 37, sector 2, București, 020021, România, www.umfed.ro, email: rectorat@umfed.ro

- 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*
- 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 minimale 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 este cel din anul publicării 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”);*

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

Data  
**20.05.2024**

**Semnătura candidatului,**