



**STANDARDELE MINIMALE, NECESARE ȘI OBLIGATORII
PENTRU ÎNSCRIERE LA CONCURS
pentru ocuparea postului de Asistent Cercetare
perioadă determinată**

- Deținerea diplomei de Doctor / calității de student-doctorand în domeniul postului¹
**Diplomă de Doctor, domeniul Farmacie, Seria Nr. Ordinul Ministerului
Educației Naționale nr. 4021 din 07.04.2020 ([atașată la dosar](#))**
- Minimum 1 articol în revistă cotate ISI, în extenso, publicate în ultimii 5 ani.
Nu sunt luate în considerare adeverințele de accept de publicare.

Lucrări în reviste cotate ISI²

1. **Burlec AF, Corciova A, Vlas A-M, Vlas L, Mircea C, Tuchiluş C, Furnica C, Sha'at F, Robu S, Cioanca O, Hancianu M.** Phytochemical composition and in vitro biological properties of several *Rudbeckia hirta* and *Tagetes erecta* flower extracts. Farmacia 2022, 70(2): 241-247. [FI = 1.433](#)
<https://farmaciajournal.com/wp-content/uploads/art-08-Burlec Mircea Hancianu 241-247.pdf>
[Link dosar](#)
2. **Burlec AF, Hăncianu M, Macovei I, Mircea C, Fifer A, Turin-Moleavin I-A, Tuchiluş C, Robu S, Corciovă A.** Eco-friendly synthesis and comparative in vitro biological evaluation of silver nanoparticles using *Tagetes erecta* flower extracts. Appl Sci 2022, 12(2): 887. [FI = 2.679](#)
<https://www.mdpi.com/2076-3417/12/2/887/html>



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¹ Nume diplomă, serie, număr

² Autori, titlu articol, nume revistă, volum, număr, pagină, factor de impact al revistei pentru anul publicării articolului, link

[Link dosar](#)

3. Batir-Marin D, Mircea C, Boev M, **Burlec** AF, Corciova A, Fifere A, Iacobescu A, Cioanca O, Verestiuc L, Hancianu M. In vitro antioxidant, antitumor and photocatalytic activities of silver nanoparticles synthesized using *Equisetum* species: A green approach. *Molecules* 2021, 26(23): 7325. [FI = 4.412](#)

<https://www.mdpi.com/1420-3049/26/23/7325/htm>

[Link dosar](#)

4. Ivănescu B, **Burlec** AF, Crivoi F, Roșu C, Corciovă A. Secondary metabolites from *Artemisia* genus as biopesticides and innovative nano-based application strategies. *Molecules* 2021, 26(10): 3061. [FI = 4.412](#)

<https://www.mdpi.com/1420-3049/26/10/3061/htm>

[Link dosar](#)

5. Batir-Marin D, Boev M, Cioanca O, Mircea C, **Burlec** AF, Beppe GJ, Spac A, Corciova A, Hritcu L, Hancianu M. Neuroprotective and antioxidant enhancing properties of selective *Equisetum* extracts. *Molecules* 2021, 26(9): 2565. [FI = 4.412](#)

<https://www.mdpi.com/1420-3049/26/9/2565/htm>

[Link dosar](#)

6. **Burlec** AF, Pecio Ł, Kozachok S, Mircea C, Corciova A, Vereștiuc L, Cioancă O, Oleszek W, Hăncianu M. Phytochemical profile, antioxidant activity, and cytotoxicity assessment of *Tagetes erecta* L. flowers. *Molecules* 2021; 26(5): 1201. [FI = 4.412](#)

<https://www.mdpi.com/1420-3049/26/5/1201/htm>

[Link dosar](#)

7. **Burlec** AF, Macovei I, Săcărescu A, Corciovă A, Mircea C, Iancu CE, Cioancă O, Hăncianu M. Essential oils in wellness centers: Overview on European Union legislation, potential therapeutic effects and toxicity. *Farmacia* 2020; 68(6): 992-998. [FI = 1.433](#)

[https://farmaciajournal.com/wp-content/uploads/2020-06-art-05-Burlec Corciova Hancianu 992-998.pdf](https://farmaciajournal.com/wp-content/uploads/2020-06-art-05-Burlec_Corciova_Hancianu_992-998.pdf)

[Link dosar](#)

8. Corciova A, **Burlec** AF, Gheldiu AM, Fifere A, Lungoci AL, Marangoci N, Mircea C. Biosynthesis of silver nanoparticles using licorice extract and evaluation of their antioxidant activity. *Rev Chim* 2019; 70(11): 4053-4056. [FI = 1.755](#)

<https://www.revistadechimie.ro/pdf/57CORCIOVA%2011%2019.pdf>

[Link dosar](#)

9. **Burlec** AF, Pecio Ł, Mircea C, Cioancă O, Corciovă A, Nicolescu A, Oleszek W, Hăncianu M. Chemical profile and antioxidant activity of *Zinnia elegans* Jacq. fractions. *Molecules* 2019; 24(16): 2934. [FI = 3.267](#)

<https://www.mdpi.com/1420-3049/24/16/2934/htm>

[Link dosar](#)

10. **Burlec** AF, Cioancă O, Mircea C, Arsene C, Tuchilus C, Corciovă A, Hăncianu M. Antioxidant and antimicrobial properties of *Chrysanthemum* and *Tagetes* selective extracts. *Farmacia* 2019; 67(3): 405-410. [FI = 1.607](#)
https://farmaciajournal.com/wp-content/uploads/2019-03-art-04-Burlec_Cioanca_Hancianu_405-410.pdf
[Link dosar](#)
11. Corciova A, Mircea C, **Burlec** AF, Cioanca O, Tuchilus C, Fifere A, Lungoci AL, Marangoci N, Hancianu M. Antioxidant, antimicrobial and photocatalytic activities of silver nanoparticles obtained by bee propolis extract assisted biosynthesis. *Farmacia* 2019; 67(3): 482-489. [FI = 1.607](#)
https://farmaciajournal.com/wp-content/uploads/2019-03-art-16-Corciova_Hancianu_482-489.pdf
[Link dosar](#)
12. Corciovă A, Mircea C, Tuchiluș C, Cioancă O, **Burlec** AF, Ivănescu B, Vlase L, Gheldiu AM, Fifere A, Lungoci AL, Hăncianu M. Phenolic and sterolic profile of a *Phyllanthus amarus* extract and characterization of biosynthesized silver nanoparticles. *Farmacia* 2018; 66(5): 831-838. [FI = 1.527](#)
https://farmaciajournal.com/wp-content/uploads/2018-05-art-13-Corciova_Mircea_Hancianu_831-838.pdf
[Link dosar](#)

Data,

Nume și prenume (semnatura)