AVIZAT,

Director CSUD,

Prof. dr. ing. Eugen-Victor-Cristian RUSU

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE

pentru ocuparea postului didactic de PROFESOR UNIVERSITAR,

în vederea obţinerii **atestatului de abilitare**

CONF. UNIV. DR. ANTOANELA POPESCU

Titlul	**Număr articole ISI autor principal**	**Număr articole ISI coautor**	**Indice Hirsch**	**(ISI) Factor cumulate de impact autor principal (FCIAP)**
STANDARDE MINIMALE ABILITARE	**10**	**5**	**6**	**10**
STANDARDE REALIZATE	**10**	**14**	**7**	**19,574**

Criteriul C1 - articole ISI autor principal_(Standerde minimale -10) CRITERIU INDEPLINIT -10

1. Felicia Suciu ,Iuliana Stoicescu, Elena Carmen Lupu, Adina Magdalena Musuc, **Antoanela Popescu**, Magdalena Mititelu, Adrian Cosmin Roșca, Denisa-Elena ,Florin Ciprian Badea, Aureliana Caraiane, Victoria Badea, HPLC Analysis of Polyphenolic Compounds in

Lysimachia nummularia L. and Comparative Determination of Antioxidant Capacity, APPLIED SCIENCES-BASEL 2023, 13(4), 2159; https://doi.org/10.3390/app13042159 (autor principal – contribuție egală), IF 2021=2.838, https://www.mdpi.com/2076-3417/13/4/2159

2. Violeta Popovici, Laura Bucur, Cerasela Elena Gird, **Antoanela Popescu**, Elena Matei, Georgeta Camelia Cozaru, Verginica Schroder, Emma Adriana Ozon, Ancuta Catalina Fita, Dumitru Lupuliasa, Mariana Aschie, Aureliana Caraiane, Mihaela Botnarciuc, Victoria Badea, *Phenolic Secondary Metabolites and Antiradical and Antibacterial Activities of Different Extracts of Usnea barbata (L.) Weber ex F.H.Wigg from Calimani Mountains, Romania*, Pharmaceuticals, 2022, 15(7), 829, eISSN: 1424-8247. IF 2021=5,215, AIS 2021=0,896, https://doi.org/10.3390/ph15070829 WOS:000832007100001 (autor principal – contribuție egală).
3. **Popescu, A.,** Birghila, S., Radu, M. D., & Bratu, M. M. *Evaluation of the Polyphenol Content and Antioxidant Activity of Wine Macerates (Medicinal Wines) With Sage (Salvia Officinalis L. Lamiaceae) and Sea Rush (Juncus Martitimus Lam. Juncaceae) Obtained Using Traditional Technology*. Polish Journal of Environmental Studie, 2022 DOI: 10.15244/pjoes/145617, WOS:000837205200002, IF=1,871 AIS=0,211 (autor principal-prim autor).
4. G, Stanciu, R Rotariu, **A Popescu**, A Tomescu, *Phenolic and Mineral Composition of Wild Chicory Grown in Romania*, REVISTA DE CHIMIE 70 (4), 1173-1177, 2019, IF 2019=1,755 AIS 2019=0,064, **ISSN:** 0034-7752, WOS:000469387200014, https://revistadechimie.ro/pdf/14%20STANCIU%204%2019.pdf (autor principal – corespondent).
5. V. Popovici, L .Bucur, **A. Popescu**, A. Caraiane, V. Badea, *Determination of the content in usnic acid and polyphenols from the extracts of Usnea barbata L. and the evaluation of their antioxidant activity*, *Farmacia*, 66 (2), pp. 337-341, 2018, IF 2019= 1,55, AIS 2019=0,119 **ISSN:** 0014-8237, WOS:000431275100022, http://www.revistafarmacia.ro/201802/art-21-Popovici_Bucur_Badea_337-341.pdf (autor principal – contribuție egală).
6. Georgeta Pavalache, Vasile Dorneanu, **Antoanela Popescu**, Validation and application of a new DAD-HPLC Method For Determination Of Loratadine From Pharmaceuticals, *Farmacia*, , Vol. 63, 3, p. 366-370, 2015, IF 2019= 1,55, AIS 2019=0,119 **ISSN:** 0014-8237,

WOS:000356637300008,http://pubs.rsc.org/en/content/articlelanding/2013/ay/c3ay40838h#!divAbstract (autor principal – ultimul autor).

7. **Popescu, Antoanela**, et al. "Antioxidant Comparative Activity and Total Phenolic Content of Scirpus holoschoenus L.(Holoschoenus vulgaris Link) Depending on Extraction Condition and the Solvent Used, IF 2019=1,755 AIS 2019=0,064, *REVISTA DE CHIMIE*, 67 (2), 255-259, 2016, **ISSN:** 0034-7752, WOS:000372170700011, http://www.revistadechimie.ro/pdf/POPESCU%20A%202%2016.pdf. (autor principal – primul autor).
8. Pavalache, Georgeta, Vasile Dorneanu, and **Antoanela Popescu**. "A New HPLC Method for the Separation and Quantitative Determination of Loratadine." *REVISTA DE CHIMIE*, 67.1 30-33, 2016, **ISSN:** 0034-7752, IF 2019=1,755 AIS 2019=0,064, WOS:000369524300007, http://www.revistadechimie.ro/pdf/PAVALACHE%20G%201%2016.pdf. (autor principal – ultimul autor).
9. Nicoleta Matei, Gabriel-Lucian Radu, Georgiana Truica, Sandra Eremia, Simona Dobrinas, Gabriela Stanciu and **Antoanela Popescu**, Rapid HPLC method for the determination of ascorbic acid in grape samples, *Anal. Methods*, 5, 4675-4679, 2013, **ISSN:** 1759-9660, DOI:10.1039/c3ay40838h/ WOS:000323518200019, (autor principal – ultimul autor).
10. Bucur, L., Vlase, L., Istudor, V., & **Popescu, A.** (2009). HPLC-MS analysis of the polyphenols in two soft extracts of Elaeagnus angustifolia L. Note 2. Soft extract of young branches analysis. Farmacia, 57(6), 736-742, WOS:000272294200008, IF 2019=0,064, (autor principal – ultimul autor).

Criteriul C2 – articole ISI coauthor (Standerde minimale -5) CRITERIU INDEPLINIT -14

1. Mihaela Mirela Bratu, Semaghiul Birghila, Mihai Cosmin Cenariu, Pall Emoke, **Antoanela Popescu**, Marius Daniel Radu, Lenuța Zglimbea, Antioxidant Activity, UV-screen, Cytotoxic and Antitumoral Activities of a Polyphenolic Extract of Helichrysum arenarium (L.) Moench Flowers, Pol. J. Environ. Stud. Vol. 32, No. 3 (2023), 1-9, 10.15244/pjoes/157546, IF=1,871 AIS=0,211, http://www.pjoes.com/Antioxidant-Activity-UV-screen-Cytotoxic-nand-Antitumoral-Activities-of-a-Polyphenolic,157546,0,2.html.

2. Stoicescu, I., Lupu, E. C., Radu, M. D., **Popescu, A.,** & Mihai, S. (2022*). High-Performance Liquid Chromatography–Diode Array Detection (HPLC-DAD) Method for the Determination of Phenolic Compounds of Water Chesnut (Trapa natans* L.*).* Analytical Letters, 1-13, IF 2021=2.267, AIS 2021=0,23, DOI10.1080/00032719.2022.2048304, WOS:000773149800001.
3. M.M. Bratu, S Birghila, **A Popescu**, BS Negreanu-Pirjol, M Radu, C Birghila, Influence of packaging material on polyphenol content and antioxidant activity in some commercial beers, 2021, Processes 9 (4), 620, IF 2021=3,352, AIS 2021=0,405, DOI: 10.3390/pr9040620, WOS:000643608500001.
4. Popovici, V., Bucur, L., **Popescu, A.,** Schröder, V., Costache, T., Rambu, D., … & Badea, V. (2021). Antioxidant and Cytotoxic Activities of Usnea barbata (L.) FH Wigg. Dry Extracts in Different Solvents. Plants, 2021, 10(5), 909, IF 2021=2.762, AIS 2021=0,654, DOI10.3390/plants10050909, WOS:000654493600001.
5. Bratu, M. M., Birghila, S., Stancu, L. M., Mfflai, C. C., Emoke, P., Popescu, A., ... & Zglimbea, L. (2021). Evaluation of the antioxidant, cytotoxic and antitumoral activities of a polyphenolic extract of Robinia pseudoacacia L. flowers. Journal of Science and Arts, 21(2), 547-556. DOI: 10.46939/J.Sci.Arts-21.2-b04, WOS:000668566900020, IF=0,2.
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7. Stanciu, G., Lupsor, S., Aonofriesei, F., Calota, N., **Popescu, A**., & Sirbu, R., *Quantitative Analysis of Polyphenols and Biological Activity of Sage Macerates*. REVISTA DE CHIMIE, 70(11), 3865-3871, 2019, **ISSN:** 0034-7752, IF 2019=1,755 AIS 2019=0,064, WOS:000503185300019, https://revistadechimie.ro/pdf/19%20STANCIU%2011%2019.pdf
8. M.M. Bratu, S Birghila, **A Popescu**, BS Negreanu-Pirjol, T Negreanu-Pirjol, *Correlation of antioxidant activity of dried berry infusions with the polyphenols and selected microelements contents*, Bulletin of the Chemical Society of Ethiopia 32 (1), 1-12, 2018, **ISSN:** 1011-3924, IF 2019= 1,218, AIS 2019=0,059, **DOI:** 10.4314/bcse.v32i1.1/ WOS:000430230500001, https://www.ajol.info/index.php/bcse/article/view/169492.

9. G Stanciu, S Lupsor, **A Popescu**, I. A Oancea, POLYPHENOLS ISOLATION AND DETERMINATION IN GRAPE SEEDS BY HPLC/DAD, Journal of Science and Arts, Year 17, No. 1(38), pp. 107-112, 2017, **ISSN:** 1844-9581, WOS:000401266000011, www.josa.ro.
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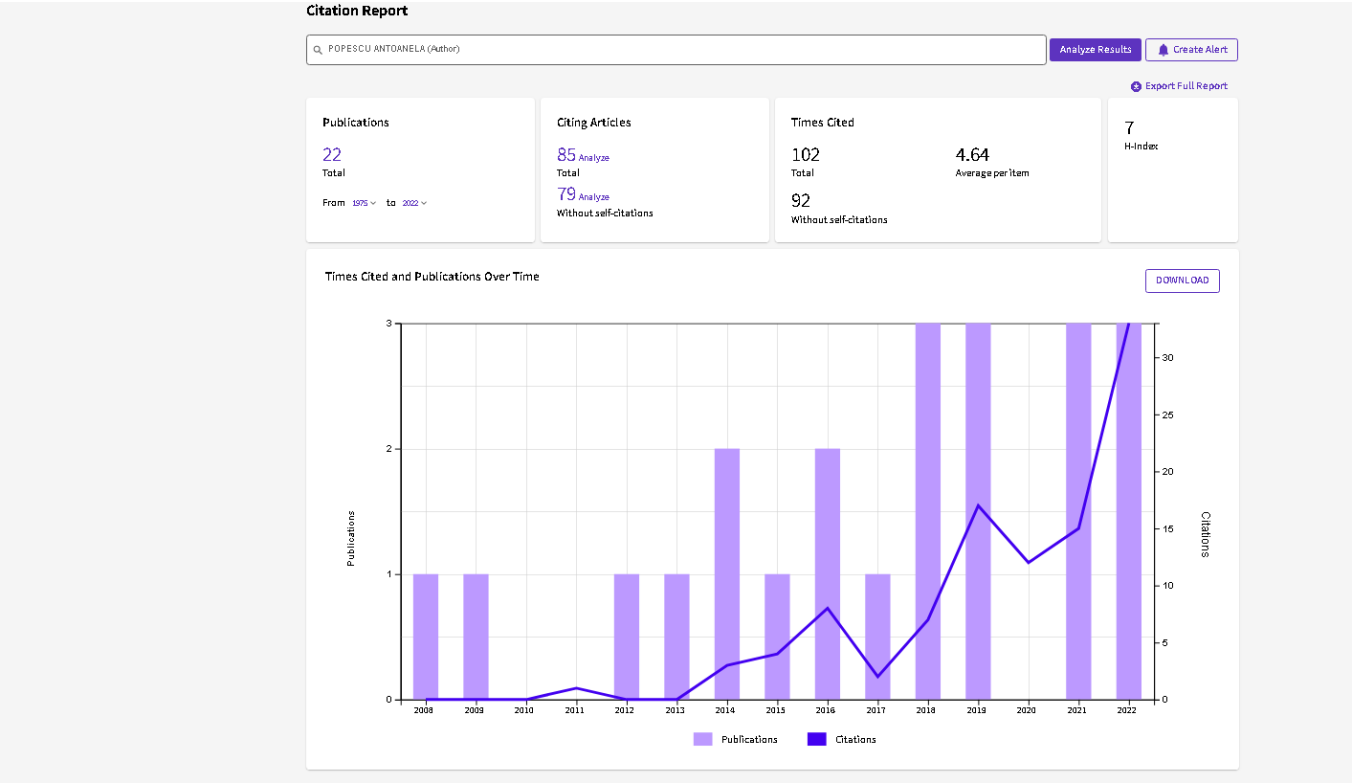
11. Busuricu, F., Negreanu-Pirjol, T., **Popescu, A.**, Margaritti, D., Lupu, C., Schroeder, V., & Tomos, S. Evaluation of the antioxidant activity of certain romanian wines, The Journal of Environmental Protection and Ecology (*JEPE*), 14 (4), 1828-1835, 2013, **ISSN:** 1311-5065, WOS:000336189800042, https://scibulcom.net/en/article/LJDLxlwP8dqXuEnjYoxc
12. Florentina Roncea, Horatiu Miresan, Radu George Cazacincu, Rodica Sirbu, **Antonela Popescu**, Cristina Danaila, Valeriu Iancu, Cosmin Rosca, Co-processed Excipients Used in NSAIDs Orally Disintegrating Tablets Development,1853, (*JEPE*), 14(4), 1853–1859, 2013, **ISSN:** 1311-5065, WOS:000336189800045, https://scibulcom.net/en/article/U8DPjTQ6ZmzRMNwMJet7
13. Stoicescu I., **Popescu A**., Sîrbu R., Bala C., Simultaneous determination of phenolic acids in water caltrop by HPLC-DAD, *Analytical Letters*, 45, 2519-2529, 2012, **ISSN:** 0003-2719, DOI:10.1080/00032719.2012.694943/WOS:000311412100004,http://www.tandfonline.com/doi/abs/10.1080/00032719.2012.694943#.VXg78nmJiUk
14. Stoicescu I., **Popescu A**., Sîrbu R., Roşca C., Doicescu D.N., Bendic V., Bala C., Spectrophotometric method for polyphenols analysis: validation and application on Trapa natans L. species, *Revista de Chimie*, 63(9), 865-868, 2012, **ISSN:** 0034-7752, WOS:000310928900003.

Criteriul C3- (HI=6, Standarde minimale) – CRITERIU INDEPLINIT -7

https://www-webofscience-com.am.e- nformation.ro/wos/woscc/citation- report/294e765c-57e3-4f57-9591- f385faf4a4c8-6bf3b94f



Criteriul C3-suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI FCIAP* (10 standarde minimale) – CRITERIU INDEPLINIT = 19,574

Nr. Crt.	Revista	Anul publicării	Factor de impact anul publicării
1.	APPLIED SCIENCES-BASEL	2023	2.838
2.	PHARMACEUTICALS	2021	5,215
3.	POLISH JOURNAL OF ENVIRONMENTAL STUDIE	2022	1,871
4.	REVISTA DE CHIMIE	2019	1,755

5.	FARMACIA	2018	1,55
6.	FARMACIA	2019	1,55
7.	REVISTA DE CHIMIE	2019	1,755
8.	REVISTA DE CHIMIE	2016	0.956
9.	ANAL. METHODS	2013	1,94
10.	FARMACIA	2009	0,144
Total **FCIAP**			**19,574**

18.03.2023

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