

LISTA LUCRĂRILOR PUBLICATE
Profesor univ. dr. Simona Dobrinaș

Researcher ID: C-8927-2015

Teza de doctorat

„Determinarea unor poluanți organici din apele litoralului românesc”- **Simona Dobrinaș**, 1999 – 2003, conducător științific Prof. dr. Docent George-Emil Baiulescu

Citări

IS - 686

IWS -652

Cărți publicate – 12

1. S. Birghila, **S. Dobrinaș**, N. Matei, „Metode spectrometrice de analiză”, Editura PIM Iasi, **2025**, 155 pagini, ISBN 978-606-13-9619-1
2. **S. Dobrinaș**, A.D. Soceanu, A. Ilie, G.I. Bercea, "Note de statistică și asigurarea calității datelor în chimia analitică" Ed. PIM, Iasi, ISBN:978-606-13-8709-0, 177 pagini, **2024**
3. A.D. Soceanu, **S. Dobrinaș**, S. Birghila, V. Popescu, "Metode electroanalitice", Ed. PIM, Iasi, **2024**, ISBN: 978-606-13-8245-3, 171 pag.
4. A.D. Soceanu. **S. Dobrinaș**, "Poluare. Surse și procese poluante", Ed. PIM, Iasi, **2024**, ISBN: 978-606-13-8257-6, 156 pag
5. E.Chirilă, **S.Dobrinaș**, Metode chimice de analiză cantitativă, Ovidius University Press, ISBN 978-973-614-584-1, 248 pag., **2011**
6. E. Chirilă, **S. Dobrinaș**, „Metode chimice de analiza cantitativa. Aplicatii si probleme”, **2011**, „Ovidius University Press”, ISBN 978-973-614-585-8, p.168
7. C. Drăghici **S. Dobrinaș**, E. Chirilă, „Metode analitice de separare”, **2010**, „Ovidius University Press”, Editia a doua adaugita si revizuita, ISBN 978-973-614-535-3, p.261
8. **S. Dobrinaș**, „Nivelul poluanților organici din apa Mării Negre”, **2008**, „Ovidius University Press”, ISBN 978-973-614-425-7, p. 106
9. **S. Dobrinaș**, C. Drăghici, E. Chirilă, „Metode analitice de separare”, **2008**, „Ovidius University Press”, ISBN 978-973-614-426-4, p.157
10. **S. Dobrinaș**, “Analiza instrumentală”, **2005**, „Ovidius University Press”, ISBN 973-614-296-5, p. 115
11. E. Chirilă, S. Birghilă, **S. Dobrinaș**, “Chimie analitică. Considerații teoretice și probleme”, **2005**, „Ovidius University Press”, ISBN 973-614-150-0, p.229
12. E. Chirilă, **S. Dobrinaș**, „Chimie analitică cantitativă. Aplicații” (îndrumar de laborator), **1999**, „Ovidius University Press”, ISBN 973-9367-71-2, p.124

Capitole de carte publicate în editură internațională

13. **S. Dobrinaș**, A.D. Soceanu, G. Stanciu, Risk assessment of inorganic and organic pollutants in flowering plants, chapter 2, pp. 43-70, in Flowering plants. Clasification, Characteristics and Breeding, editor J.J. Tellstone, published by NOVA Science Publishers, Inc. New York, 2011, ISBN 978-1-61324-653-5

Capitole de carte publicate în editură națională

14. A. Soceanu, **S. Dobrinaș**, V. Popescu, D. Balaban, Monitoring of food contaminants, chapter 3, pp. 18-29, Food Safety and Healthy Living, editors Mihaela Badea, Laura Floroian, published by Editura Universitatii Transilvania din Brasov, ISBN 978-606-19-1017-5, 2018

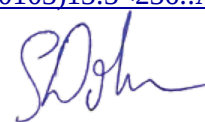
1. N. Matei, S. Birghilă, **S. Dobrinăș**, E.C. Lupu, A. Popescu. (2025). *HPLC/DAD analysis of vitamin C and antioxidant capacity determination of Vitis Vinifera L. grapes during ripening*, STUDIA UBB CHEMIA, 70(4), 219-232, <https://doi.org/10.24193/subbchem.2025.4.12>, **WOS: 001644167500012**. [Factor Impact: 0,5].
<https://0y10qfvhw-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001644167500012>
2. N. Matei, S. Birghilă, **S. Dobrinăș**, A. Soceanu, V. Popescu, R.G. Zaharia (Pricopie). (2025). *Physicochemical Properties, Trace Elements, and Health Risk Assessment of Edible Vegetable Oils Consumed in Romania*, Applied Sciences, 15(11), art. ID 6269, <https://doi.org/10.3390/app15116269>. **WOS:001506487000001**. [Factor Impact: 2,5].
<https://0y10qfvhw-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001506487000001>
3. N. Matei, S. Birghilă, **S. Dobrinăș**, A. Soceanu, A. Ilie, V. Popescu. (2025). *Method validation for copper determination in human hair samples through graphite furnace atomic absorption spectrometry*, STUDIA UBB CHEMIA, 70(1),191-201, <https://doi.org/10.24193/subbchem.2025.1.13>. **WOS:001460354000013**. [Factor Impact: 0,5].
<https://0y10qfvhw-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001460354000013>
4. A. Soceanu, **S. Dobrinăș***, V. Popescu, G.I. Vizitiu. (2024). *Physico-chemical quality parameters and metals in different types of flours*, Polish Journal of Environmental Studies, 33 (5), <https://doi.org/10.15244/pjoes/183792>. **WOS:001272295700031**. [Factor Impact: 1,3]. **Autor corespondent**.
<https://0y10qfvtu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001272295700031>
5. A. Soceanu, **S. Dobrinăș***, V. Popescu, A. Buzatu, A. Sirbu. (2024). *Sustainable Strategies for the Recovery and Valorization of Brewery By-Products—A Multidisciplinary Approach*, Sustainability, 16 (1), art. ID 220, <https://doi.org/10.3390/su16010220>. **WOS:001140511400001**. [Factor Impact: 3,3]. **Autor corespondent**.
<https://0y10qfvtu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001140511400001>
6. I. Popovici, **S. Dobrinăș**, A. Soceanu, V. Popescu, G. Prodan, I. Omer. (2023). *New Approaches for Pb(II) Removal from Aqueous Media Using Nanopowder Sodium Titanosilicate: Kinetics Study and Thermodynamic Behavior*, International Journal of Molecular Sciences, 24(18), art. ID 13789, <https://doi.org/10.3390/ijms241813789>. **WOS:001145367400001**. [Factor Impact: 4,9]
<https://0y10qfvtu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001145367400001>
7. A. Soceanu, N. Matei, **S. Dobrinăș**, S. Birghilă, V. Popescu, G. Crudu. (2024). *Metal Content in Caps and Stalks of Edible Mushrooms: Health Benefits and Risk Evaluation*, Biological Trace Element Research, 202(5), 2347-2356, <https://doi.org/10.1007/s12011-023-03800-2> **WOS: 001042783100002** [Factor Impact: 3,6]
<https://0y10qfvtu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001042783100002>
8. **S. Dobrinăș**, A. Soceanu, S. Birghilă, C. Birghila, V. Popescu, N. Matei, L.M. Constanda. (2022). *Chemical Analysis and Quality Assessment of Honey Obtained from Different Sources*. Processes, vol. 10(12), art. ID 2554. <https://doi.org/10.3390/pr10122554>. **WOS: 000903467000001**. [Factor Impact: 2,8].
<https://0y10qfvtu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000903467000001>
9. **S. Dobrinăș**, A. Soceanu, N. Manea, A. Sirbu, C. I. Dumitrescu, V. Popescu, S. Birghila, N. Matei, I. Carazeanu Popovici. (2022). *Health risk assessment of fluoride exposure due to groundwater consumption in Romania*. Journal of Water and Health, vol. 20(9), pp. 1380-1392, art. ID 36170192, <https://doi.org/10.2166/wh.2022.108>. **WOS: 000848503100001**. [Factor Impact: 2,4].

- <https://0y10qfvttu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000848503100001>
10. S. Birghilă, N. Matei, **S. Dobrinăş**, V. Popescu, A. Soceanu, A. Niculescu. (2022). *Assessment of Heavy Metal Content in Soil and Lycopersicon esculentum (Tomato) and Their Health Implications*. Biological Trace Element Research, vol 201(3), 1547-1556, art. ID 35488023, <https://doi.org/10.1007/s12011-022-03257-9>. **WOS: 000788954500003**. [Factor Impact: 3,6].
<https://0y10qfvttu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000788954500003>
 11. A. Soceanu, **S. Dobrinăş***, V. Popescu (2022). *Levels of polycyclic aromatic hydrocarbons in toasted bread*. Polycyclic Aromatic Compounds, vol. 42(9), pp. 6112-6123. <https://doi.org/10.1080/10406638.2021.1974896>. **WOS: 000696300500001**. [Factor Impact: 2,6].
Autor corespondent.
<https://0y10qfvttu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000696300500001>
 12. **S. Dobrinăş**, A. Soceanu, V. Popescu, I. Carazeanu Popovici, D. Jitariu. (2021). *Relationship between total phenolic content, antioxidant capacity, Fe and Cu content from tea plant samples at different brewing times*. Processes, vol. 9(8), art. ID 1311. <https://doi.org/10.3390/pr9081311>. **WOS:000689878600001**. [Factor Impact: 2,8].
<https://0y10qfvttu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000689878600001>
 13. A. Soceanu, **S. Dobrinăş***, C. I. Dumitrescu, N. Manea, A. Sirbu, V. Popescu, G. Vizitiu. (2021). *Physico-Chemical Parameters and Health Risk Analysis of Groundwater Quality*. Applied Sciences, vol. 11(11), art. ID 4775. <https://doi.org/10.3390/app11114775>. **WOS: 000659642200001**. [Factor Impact: 2,5]. **Autor corespondent.**
<https://0y10qfvttu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000659642200001>
 14. A. Soceanu, **S. Dobrinăş***, A. Sirbu, N. Manea, V. Popescu. (2021). *Economic aspects of waste recovery in the wine industry. A multidisciplinary approach*. Science of the Total Environment, 759, art. ID 143543. <https://doi.org/10.1016/j.scitotenv.2020.143543>. **WOS: 000605764100094**. [Factor Impact: 8,0]. **Autor corespondent.**
<https://0y10qfvttu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000605764100094>
 15. A. Soceanu, **S. Dobrinăş**, I. Carazeanu Popovici, D. Jitariu. (2020). *Health risk assessment of heavy metals in seafood*. Journal of Environmental Protection and Ecology (JEPE), vol. 21(2), 490-497. **WOS:000566784600012**. [Factor Impact: 0,507].
<https://0y10qfwb9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000566784600012>
 16. G. Stanciu, N. Cristache, S. Lupsor, **S. Dobrinăş**. (2017). *Evaluation of antioxidant activity and total phenols content in selected spices*, Revista de Chimie, 68(7), **WOS:000409234600004**. [Factor Impact: 0].
<https://0y10qfw2v-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000409234600004>
 17. **S. Dobrinăş**, A. Soceanu, V. Popescu, V. Coatu. (2016). *Polycyclic aromatic hydrocarbons and pesticides in milk powder*. Journal of Dairy Research, 83(2), 261-265, art. ID 27210498, <http://dx.doi.org/10.1017/S0022029916000169>. **WOS: 000378171900019**. [Factor Impact: 1,2].
<https://0y10qfw2v-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000378171900019>
 18. A. Soceanu, **S. Dobrinăş***, V. Popescu. (2016). *Polycyclic aromatic hydrocarbons in Romanian baby foods and fruits*. Polycyclic Aromatic Compounds, 36(4), 364-375. <http://dx.doi.org/10.1080/10406638.2014.988275>. **WOS: 000384315500007**. [Factor Impact: 2,6].
Autor corespondent.
<https://0y10qfw2v-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000384315500007>

19. **S. Dobrinăş**, A. Soceanu, V. Dragan Artem. (2015). *Determination of polyphenolic compounds in Murfatlar wines by validated spectrophotometric method*. Environmental Engineering and Management Journal, 14(4), 863-870. **WOS: 000353483700018. [Factor Impact: 0,9].**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000353483700018>
20. A. Soceanu, **S. Dobrinăş***, G. Stanciu, V. Popescu. (2014). *Polycyclic Aromatic Hydrocarbons in Vegetables Grown in Urban and Rural Areas*. Environmental Engineering and Management Journal, 13(9), 2311-2315. **WOS: 000347161400024. [Factor Impact: 0,9]. Autor corespondent.**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000347161400024>
21. V. Popescu, A. Soceanu, **S. Dobrinăş**, G. Stanciu. (2013). *A study of beer bitterness loss during the various stages of the Romanian beer production process*. Journal of the Institute of Brewing, 119(3), 111-115, <https://doi.org/10.1002/jib.82>. **WOS: 000327665800005. [Factor Impact: 2,0].**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000327665800005>
22. N. Matei, G.L. Radu, G. Truica, S. Eremia, **S. Dobrinăş**, G. Stanciu, A. Popescu. (2013). *Rapid HPLC method for the determination of ascorbic acid in grape samples*, Analytical Methods, 5(18), 4675-4679, <https://doi.org/10.1039/c3ay40838h>. **WOS:000323518200019. [Factor Impact: 2,7].**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000323518200019>
23. A. Soceanu, **S. Dobrinăş***, V. Popescu, G. Stanciu, D.T. Epure. (2012). *Evaluation of pesticides residues in fresh fruits*. Revista de Chimie, 63(5), 455-458. **WOS: 000304494200002. [Factor Impact: 0]. Autor corespondent.**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000304494200002>
24. A. Soceanu, **S. Dobrinăş**, V. Popescu, G. Stanciu, D.T. Epure. (2012). *OCPs and PAH(s) distribution in different stages of tomato growing*. Environmental Engineering and Management Journal, 11(2), 457-462. <https://doi.org/10.30638/eemj.2012.057>, **WOS: 000303276000032. [Factor Impact: 0,9].**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000303276000032>
25. C. Drăghici, C. Jelescu, C. Dima, M. Sica, E. Chirilă, **S. Dobrinăş**, A. Soceanu. (2012). *Method validation and uncertainty estimation for total phosphorus determination in wastewater sludge samples*. Studia UBB Chimia, 57(1), 93-102. **WOS: 000305562800011. [Factor Impact: 0,5].**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000305562800011>
26. E. Chirila, **S. Dobrinăş**, E. Paunescu, G. Stanciu, C. Draghici. (2011). *Determination of aromatic volatile compounds in petrochemical wastewater*, Environmental Engineering and Management Journal, 10(8), 1081-1085, <https://doi.org/10.30638/eemj.2011.157>. **WOS:000296758300014. [Factor Impact: 0,9].**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000296758300014>
27. M. Rotaru-Stancic, D. Coprean, D. Sava, **S. Dobrinăş**, L. Miron, S. Schiopu. (2011). *Use of garlic, absinthium and celandine extracts as natural repellents*, Environmental Engineering and Management Journal, 10(3), 445-450, <https://doi.org/10.30638/eemj.2011.064> **WOS:000290921300017. [Factor Impact: 0,9].**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000290921300017>
28. S. Birghilă, **S. Dobrinăş**. (2010). *The influence of the storage time on the stability of butter*, Environmental Engineering and Management Journal, 9(11), 469-472, <https://doi.org/10.30638/eemj.2010.215>. **WOS:000285557900021. [Factor Impact: 0,9].**
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000285557900021>
29. G. Stanciu, E. Chirilă, **S. Dobrinăş**, T. Negreanu-Pirjol. (2010). *Studies regarding the determination of antioxidant properties of new plant extracts for cosmetic purposes*, Revista de Chimie, 61(1), 41-44, **WOS:000275350200010. [Factor Impact: 0].**

- <https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000275350200010>
30. C. Draghici, **S. Dobrină**, E. Chirilă, G. Stanciu. (2009). Residues of aromatic polycyclic hydrocarbons from refinery spent catalysts”, Environmental Engineering and Management Journal, 8(4), 935-938, **WOS:000269811500052**. [Factor Impact: 0,9].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000269811500052>
 31. A. Soceanu, **S. Dobrină**, G. Stanciu, V. Coatu, D.T. Epure. (2009). Residues of polycyclic aromatic hydrocarbons in different stages of *Capsicum annuum* (pepper) and *Solanum lycopersicum* (tomato) growing. Environmental Engineering and Management Journal, 8(1), 49-54. <https://doi.org/10.30638/eemj.2009.007>, **WOS: 000264783000010**. [Factor Impact: 0,9].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000264783000010>
 32. G. Stanciu, **S. Dobrină**, S. Birghilă, M. Popescu. (2008). Determination of organic compounds from different types of coffee by HPLC and GC-ECD analysis, Environmental Engineering and Management Journal, 7(6), 661-666, <https://doi.org/10.30638/eemj.2008.089>. **WOS:000263453900003**. [Factor Impact: 0,9].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000263453900003>
 33. S. Birghilă, **S. Dobrină**, G. Stanciu, A. Soceanu. (2008). Determination of major and minor elements in milk through ICP-AES. Environmental Engineering and Management Journal, 7(6), 805-808. <https://doi.org/10.30638/eemj.2008.107>, **WOS: 000263453900021**. [Factor Impact: 0,9].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000263453900021>
 34. V. Popescu, S. Birghilă, **S. Dobrină***. (2008). Determination of heavy metals in extracts and macerates from garden flowers, Environmental Engineering and Management Journal, 7(4), 365-368, **WOS:000259908700002**. [Factor Impact: 0,9]. **Autor corespondent**.
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000259908700002>
 35. E. Doroftei, M. Rotaru-Stancic, **S. Dobrină**, D. Mandalopol. (2008). Relationships between metals extent and cytological characteristics at *Prunus Persica*L. Pollen, Environmental Engineering and Management Journal, 7 (2), 97-101, **WOS:000255534300003**. [Factor Impact: 0,9].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000255534300003>
 36. **S. Dobrină**, S. Birghilă, V. Coatu. (2008). Assessment of polycyclic aromatic hydrocarbons in honey and propolis produced from various flowering trees and plants in Romania, Journal of Food Composition and Analysis, 21(1), 71-77, <https://doi.org/10.1016/j.jfca.2007.07.003>. **WOS:000251460500009**. [Factor Impact: 4,6].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000251460500009>
 37. **S. Dobrină**, A. Soceanu, S. Birghilă, V. Coatu. (2008). Polycyclic aromatic hydrocarbons and organochlorine pesticides contents in tap and surface waters. Environmental Engineering and Management Journal, 7(1), 57-60. **WOS: 000254832200010**. [Factor Impact: 0,9].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000254832200010>
 38. N. Matei, S. Birghilă, V. Popescu, **S. Dobrină**, A. Soceanu, C. Oprea, V. Magearu. (2008). Kinetic study of vitamin C degradation from pharmaceutical products. Romanian Journal of Physics, 53(1-2), 343-351. **WOS: 000255029300048**. [Factor Impact: 1,9].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000255029300048>
 39. A. Soceanu, **S. Dobrină**, V. Popescu, S. Birghila, V. Magearu. (2007). Comparative study of some essential elements in different types of vegetables and fruits. Environmental Engineering and Management Journal, 6(6), 593-596, <https://doi.org/10.30638/eemj.2007.075>. **WOS: 000254832000018**. [Factor Impact: 0,9].

- <https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000254832000018>
40. N. Matei, S. Birghilă, V. Popescu, **S. Dobrină**, A. Soceanu, V. Magearu. (2005). *Kinetic study of the Ascorbic Acid degradation in acid media*. Revista de Chimie, 56(4), 435-437. **WOS: 000229981900027**. [Factor Impact: 0].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000229981900027>
41. A. Soceanu, V. Popescu, V. Magearu, S. Birghilă, **S. Dobrină**, N. Matei. (2005). *Determination of some essential and potential toxic trace elements from citrus fruits*. Revista de Chimie, 56(2), 115-117. **WOS: 000227519300001**. [Factor Impact: 0].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000227519300001>
42. **S. Dobrină**, S. Birghilă, N. Matei, V. Coatu. (2004). *Determination of PAHs and organochlorine pesticides in tomato and green pepper*, Revista de Chimie, 55 (12), 942-944, **WOS:000226311800004**. [Factor Impact: 0].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000226311800004>
43. S. Birghilă, **S. Dobrină**, N. Matei, V. Magearu, V. Popescu, A. Soceanu. (2004). *Distribution of Cd, Zn and ascorbic acid in different stages of tomato (Lycopersicum esculentum solanaceae) plant growing*. Revista de Chimie, 55(9), 683-685. **WOS: 000224545700005**. [Factor Impact: 0].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000224545700005>
44. **S. Dobrină**, S. Birghilă, V. Coatu, A.I. Stoica, G.E. Baiulescu. (2004). *Contamination of the Black Sea Coast by polycyclic aromatic hydrocarbons and organochlorine pesticides*, Revista de Chimie, 55 (7), 483-487, **WOS:000223160500003**. [Factor Impact: 0].
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000223160500003>
45. E. Chirilă, **S. Dobrină**, V. Coatu. (2004). *Determination of some organic and inorganic pollutants in wine*, Revista de Chimie, 55(6), 381-385, **WOS:000222753600001**. [Factor Impact: 0].
<https://0y10qfwqu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000222753600001>
46. N. Matei, S. Birghilă, **S. Dobrină**, P. Capota. (2004). *Determination of C vitamin and some essential trace elements (Ni, Mn, Fe, Cr) in bee products*, Acta Chimica Slovenica, 51(1), 169-175, **WOS:000220368800017**. [Factor Impact: 1,3].
<https://0y10qfwqu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000220368800017>
47. S. Birghilă, V. Popescu, **S. Dobrină**, N. Matei. (2003). *The spectrometric determination of the ascorbic acid from pharmaceutical products after stabilization in thiourea*, Revista de Chimie, 54(3), 289-290, **WOS:000183329200022**. [Factor Impact: 0].
<https://0y10qfwqu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000183329200022>
48. **S. Dobrină**. (2003). *The determination of some organochlorinated pesticides from the Black Sea Water*, Revista de Chimie, 54(1), 43-46, **WOS:000181769600009**. [Factor Impact: 0].
<https://0y10qfwqu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000181769600009>
49. **S. Dobrină**, V. Coatu, C.S. Chițimiea. (2002). *The use of gas chromatography for the determination of pesticides from seawater*, Revista de Chimie, 53(8), 630-633, **WOS:000177426100012**. [Factor Impact: 0].
<https://0y10qfwqu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000177426100012>
50. A. Curulli, **S. Drăgulescu (Dobrină)**, C. Cremisini, G. Palleschi. (2001). *Bienzyme amperometric probes for choline and choline esters assembled with non-conducting electrosynthesised polymers*, Electroanalysis, 13(3), 236, [https://doi.org/10.1002/1521-4109\(200103\)13:3<236::AID-ELAN236>3.0.CO;2-B](https://doi.org/10.1002/1521-4109(200103)13:3<236::AID-ELAN236>3.0.CO;2-B). [Factor Impact: 2,3].

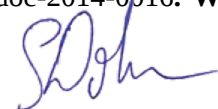


[http://onlinelibrary.wiley.com/doi/10.1002/1521-4109\(200103\)13:3%3C236::AID-ELAN236%3E3.0.CO;2-B/abstract](http://onlinelibrary.wiley.com/doi/10.1002/1521-4109(200103)13:3%3C236::AID-ELAN236%3E3.0.CO;2-B/abstract)

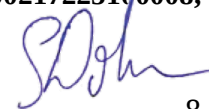
51. E. Chirilă, I. Carazeanu, **S. Dobrinăș**. (2000). *Spectrometric studies about some dyes-anionic surfactants interactions in aqueous solutions*, Talanta, 53(1), 271-275, [https://doi.org/10.1016/S0039-9140\(00\)00463-X](https://doi.org/10.1016/S0039-9140(00)00463-X). **WOS:000089548900033**. [Factor Impact: 6,1].
<https://0y10qfwqu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000089548900033>
52. N. Rășanu, E. Chirilă, V. Mârza, **S. Dobrinăș**. (2000). *Housewaters depollution in ultrasonorous field*, Revista de Chimie, 51(6), 473-474, **WOS:000088477800012**. [Factor Impact: 0].
<https://0y10qfwqu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000088477800012>
53. N. Rășanu, E. Chirilă, V. Mârza, **S. Dobrinăș**. (2000). *Some dis-azoic dyes decomposition in ultrasonic field*, Revista de Chimie, 51(5), 349-353, **WOS:000088477700004**. [Factor Impact: 0].
<https://0y10qfwqu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000088477700004>
54. N. Matei, V. Magearu, S. Birghilă, **S. Dobrinăș**. (2004). *The determination of vitamin C from sweet cherries and cherries*, Revista de Chimie, 55 (5), 294-296, **WOS:000222576200002**. [Factor Impact: 0].
<https://0y10qhr8r-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000222576200002>

Lucrări publicate în reviste indexate ESCI/ indexate în Web of Science - 24

55. N. Matei, S. Birghilă, **S. Dobrinăș**, A. Ilie, G. Axintei. (2024). *Estimation of phenolic compounds and content of toxic elements from medicinal plant Lycopodium clavatum*, Journal of Science and Arts, 2(24), 429-436, <https://doi.org/10.46939/J.Sci.Arts-24.2-b04>. **WOS:001293006000018**. [Factor Impact: 0,3].
<https://0y10qfvhw-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001293006000018>
56. **S. Dobrinăș***, A. Soceanu. (2021). *Determination of total phenolic content from plant extracts used in cosmetic purpose*. Journal of Science and Arts, 1(54), 247-260, <https://doi.org/10.46939/J.Sci.Arts-21.1-b03> **WOS: 000637970300019**. [Factor Impact: 0]. **Autor corespondent**.
<https://0y10qfvtu-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000637970300019>
57. A. Soceanu, **S. Dobrinăș***, V. Popescu, A. Sirbu, N. Manea. (2020). *Characterization of several Romanian wines from the Dobrudja hills region*. Journal of Science and Arts, 1(50), 155-162. **WOS: 000522184600017**. [Factor Impact: 0]. **Autor corespondent**.
<https://0y10qfw9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000522184600017>
58. A. Soceanu, **S. Dobrinăș***, I. Carazeanu Popovici, V. Popescu, A. Merticariu. (2019). *Copper and chromium levels in candies and candy packages*. Journal of Science and Arts, vol. 2(47), 479-484. **WOS: 000473615300019**. [Factor Impact: 0]. **Autor corespondent**.
<https://0y10qfw2v-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000473615300019>
59. **S. Dobrinăș**, G. Stanciu, S. Lupsor. (2017). *Total phenolic content and HPLC characterization of some culinary herbs*, Journal of Science and Arts, 2(39), 321-330, **WOS:000404867100013**. [Factor Impact: 0].
<https://0y10qfw2v-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000404867100013>
60. A. Soceanu, V. Popescu, **S. Dobrinăș**. (2015). *Physico-chemical characterisation of some samples of fresh milk and milk powder*, Ovidius University Annals of Chemistry, 26(2), 57-60. DOI: 10.1515/auoc-2015-0010. **WOS: 000219337100002** [Factor Impact: 0].
<https://0y10qfw2v-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219337100002>
61. V. Popescu, A. Soceanu, **S. Dobrinăș**. (2014). *The quality control of some dermo-cosmetic products*, Ovidius University Annals of Chemistry, 25(2), 85-90, <https://doi.org/10.2478/auoc-2014-0016>. **WOS: 000219336000000**, [Factor Impact: 0].



- <https://0y10qfwb9-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219336000006>
62. **S. Dobrinăş**, A. Soceanu, G. Stanciu, V. Popescu, (2013), *Quantification of sugar in different brands of drinks*, Ovidius University Annals of Chemistry, 24(2), 138-140, DOI:10.2478/auoc-2013-0023 **WOS:000219333200012**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219333200012>
 63. **S. Dobrinăş**, A. Soceanu, V. Popescu, G. Stanciu, (2013), *Nitrite determination in spices*, Ovidius University Annals of Chemistry, 24(1), 21-23, **WOS:000219331500004**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219331500004>
 64. **S. Dobrinăş**, A. Soceanu, G. Stanciu, V. Popescu, L.G. Arnold, (2013), *Trace element levels of three mushroom species*, Ovidius University Annals of Chemistry, 24(1), 39-42, **WOS:000219331500008**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219331500008>
 65. **S. Dobrinăş**, A. Soceanu, V. Popescu, G. Stanciu, S. Smalberger, (2013), *Optimization of a UV-VIS spectrometric method for caffeine analysis in tea, coffee and other beverages*, Scientific Study & Research, 14 (2), 71-78, **WOS:000217253700001**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217253700001>
 66. **S. Dobrinăş**, A. Soceanu, V. Popescu, G. Stanciu, S. Suliman, (2013), *Quality control of some traditional meat products*, Scientific Study & Research, 14 (1), 29-40 **WOS:000217253200004**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217253200004>
 67. A. Soceanu, **S. Dobrinăş**, V. Popescu and F. Moise, (2012), *Quality control of distilled beverages*, Ovidius University Annals of Chemistry, 23(2), 163-166, DOI:10.2478/v10310-012-0027-0, **WOS:000219330400006**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219330400006>
 68. V. Popescu, A. Soceanu, **S. Dobrinăş**, G. Stanciu, (2012), *Characterization and stability study of some pharmaceutical ointments*, Ovidius University Annals of Chemistry, 23(1), 87-91, DOI: 10.2478/v10310-012-0014-, **WOS:000219328500014**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219328500014>
 69. **S. Dobrinăş**, A. Soceanu, G. Stanciu, A. Culea, (2012), *Determination of organophosphorus pesticides in baby food*, Ovidius University Annals of Chemistry, 23(1), 110-114, DOI:10.2478/v10310-012-0018-1, **WOS:000219328500018**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219328500018>
 70. N. Matei, **S. Dobrinăş**, G. L. Radu, (2012), *Spectrophotometric determination of ascorbic acid in grapes with the Prussian Blue reaction*, Ovidius University Annals of Chemistry, 23 (1), 174-179, DOI:10.2478/v10310-012-0029-y, **WOS:000219330400008**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000219330400008>
 71. **S. Dobrinăş**, G. Stanciu, A. Soceanu, D.T. Epure, V. Bold, (2011), *Quality control of Scomber Scombrus (mackerel) market in Romania*, Scientific Study & Research, 12 (2), 165-172, **WOS:000217227600008**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217227600008>
 72. **S. Dobrinăş**, A. Soceanu, G. Stanciu, V. Popescu, D.T. Epure, C. Bicoiu, (2011), *Analytical characterization of precipitations*, Scientific Study & Research, 12 (1), 41-48, **WOS:000217225100008**, [Factor Impact: 0].

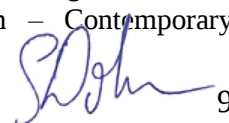


<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217225100008>

73. A. Soceanu, **S. Dobrinăș**, V. Coatu, V. Popescu, G. Stanciu, D.T. Epure, (2011), *Pesticide concentration in vegetables from Fabaceae family*, Scientific Study \$ Research, 12 (3), 229-234, **WOS:000217229400003**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217229400003>
74. V. Popescu, A. Soceanu, **S. Dobrinăș**, G. Stanciu, D.T. Epure, (2011), *Quality control and evaluation of certain properties for soaps made in Romania*, Scientific Study \$ Research, 12 (3), 257-261, **WOS:000217229400007**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217229400007>
75. G. Stanciu, **S. Dobrinăș**, S. Birghila, (2008), *Residues of polycyclic aromatic hydrocarbons in different types of coffee*, Cinquime Colloque Franco-Roumain de Chimie Appliquee-CoFrRoCA in Scientific Study \$ Research, Bacau, Romania, ISSN: 1582-540, 325-330, **WOS:000217213800006**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217213800006>
76. V. Popescu, A. Soceanu, S. Birghila, **S. Dobrinăș**, (2008), *Determination of heavy metals content from grapes and melons extracts*, Cinquime Colloque Franco-Roumain de Chimie Appliquee-CoFrRoCA, in Scientific Study \$ Research, Bacau, Romania, 331-336, **WOS:000217213800007**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217213800007>
77. V. Popescu, A. Soceanu, S. Birghila, **S. Dobrinăș**, (2006), *Physico-chemical and analytical characterisation on some extracts, macerates and fresh fruits from Rosaceae family*, Le Quatrieme Colloque Franco-Roumain de Chimie Appliquee, in Scientific Study \$ Research, ISSN: 1582-540X, Clermont-Ferrand, Franta, 779-784, **WOS:000217192100009**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217192100009>
78. **S. Dobrinăș**, N. Matei, A. Soceanu, S. Birghila, V. Popescu, (2006), *Estimation on vitamin C and Cd, Cu, Pb content in honey and propolis*, Le Quatrieme Colloque Franco-Roumain de Chimie Appliquee, in Scientific Study \$ Research, ISSN: 1582-540X, Clermont-Ferrand, Franta, 729-734, **WOS:000217192100003**, [Factor Impact: 0].
<https://0y10qia4l-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000217192100003>

Lucrări publicate în volume ale conferințelor internaționale indexate în Web of Science – 11

79. **S. Dobrinăș**, E. Chirila, A. Serban (Olgos), *Distribution and Quantification of Pesticides in Processed Wheat Grain Fractions*, chapter 23, pp. 257-264, in *Environmental Security Assessment and Management of Obsolete Pesticides in Southeast Europe*, NATO Science for Peace and Security, Series C: Environmental Security, Eds L.I. Simeonov et al., published by Springer, 2013
<http://www.springer.com/us/book/9789400764606>
80. I.A. Oancea, E. Chirila, **S. Dobrinăș**, *Organochlorine and Organophosphate Pesticides Determination in Plants Used for Cosmetic Purposes*, chapter 24, pp. 265-270, in *Environmental Security Assessment and Management of Obsolete Pesticides in Southeast Europe*, NATO Science for Peace and Security, Series C: Environmental Security, Eds L.I. Simeonov et al., published by Springer, 2013
<http://www.springer.com/us/book/9789400764606>
81. **S. Dobrinăș**, A. Culea, *Analysis of Organochlorine Pesticides in Black Sea Sediments*, chapter 27, pp. 295-300, in *Environmental Security Assessment and Management of Obsolete Pesticides in Southeast Europe*, NATO Science for Peace and Security, Series C: Environmental Security, Eds L.I. Simeonov et al., published by Springer, 2013
<http://www.springer.com/us/book/9789400764606>
82. A. Soceanu, **S. Dobrinăș**, V. Coatu, E. Chirila, *Pesticide residues determination in vegetables from Romania by GC-ECD*, *Exposure and Risk Assessment of Chemical pollution – Contemporary*



methodology, **Ed. Springer**, Editor L.I. Simeonov and M.A. Hassanien, ISBN 978-90-481-2333-9; ISSN 1872-4668, 423-429, **2009**

<http://www.springer.com/gp/book/9789048123339>

83. A. Soceanu, **S. Dobrinaș**, V. Popescu, S. Birghilă, V. Magearu, „Comparative study of some essential elements in different types of vegetables and fruits”, *Environmental Engineering and Management Journal*, 6 (6), 593-596, 2007
http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol6/no6/27_Alina%20Soceanu.pdf
84. E. Chirilă, C. Drăghici, **S. Dobrinaș**, *Sampling and sample pretreatment for environmental analysis*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, **Ed. Springer**, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 7-28, **2006**
<http://www.springer.com/us/book/9781402050961>
85. **S. Dobrinaș**, S. Birghilă, M. Belc, *Accumulation of copper, cadmium, iron, magnesium and zinc, in three development stages of red pepper*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, **Ed. Springer**, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 409-412, **2006**
<http://www.springer.com/us/book/9781402050961>
86. L.D. Galatchi, **S. Dobrinaș**, E. Chirilă, *Threats on the seaside lakes water and their acute and long-term consequences*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, **Ed. Springer**, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 201-218, **2006**
<http://www.springer.com/us/book/9781402050961>
87. **S. Dobrinaș**, S. Birghilă, V. Coatu, *Determination of organochlorine pesticides in honey from different regions in Romania*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, **Ed. Springer**, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 413-416, **2006**
<http://www.springer.com/us/book/9781402050961>

Lucrări publicate în reviste indexate BDI – 35

88. V. Popescu, A. Soceanu, S. Dobrinaș, S. Birghila, V. Magearu, Physico-Chemical and Analytical Characterization of Some Extracts, Macerates and Fresh Fruits From Rosaceae Family, *Scientific Study & Research*, 7 (4), 779-784, **2006**
89. A. Soceanu, **S. Dobrinaș**, V. Popescu, G. Stanciu, “Polycyclic aromatic hydrocarbons in fruit juices”, *Ovidius University Annals of Chemistry*, 22(2), 113-116, **2011**
90. **S. Dobrinaș**, G. Stanciu, A. Soceanu, A. Culea, “Analysis of organochlorine and pyrethroid pesticide residues in baby food samples”, *Ovidius University Annals of Chemistry*, 22(2), 107-112, **2011**
91. **S. Dobrinaș**, G. Stanciu, E. Chirila, A. Soceanu, E. Paunescu, D.T. Epure, „Occurrence of PAHs and PCBs in petrochemical wastewater”, *Ovidius University Annals of Chemistry*, 22(1), 21-26, **2011**
92. **S. Dobrinaș**, A. Soceanu, G. Stanciu, S. Bratu, “Essential elements levels in herbs and their infusions”, *Ovidius University Annals of Chemistry*, 22(1), 37-40, **2011**
93. **S. Dobrinaș**, Alina Soceanu, N. Matei, I. Danciu, “Validation of a spectrometric method based on prussian Blue reaction used for the determination of ascorbic acid from honey and propolis”, *Ovidius University Annals of Chemistry*, 21(2), 152-157, **2010**
94. **S. Dobrinaș**, Alina Soceanu, Cateluta Badan Gheorghiu and Mihaela Tanase, “Comparative methods applied for the determination of total iron from beer samples”, *Ovidius University Annals of Chemistry*, 21(1), 35-40, **2010**
95. **S. Dobrinaș**, Gabriela Stanciu, Florentina Roncea and Oana Cucui, “Quality control of milk and dairy products”, *Ovidius University Annals of Chemistry*, 21(1), 91-95, **2010**
96. **S. Dobrinaș**, G. Stanciu, A. Soceanu, Analytical characterization of three distilled drinks”, *Ovidius University Annals of Chemistry*, 20, 48-52, **2009**
97. N. Matei, A. Soceanu, **S. Dobrinaș**, V. Magearu, „Kinetic study of ascorbic acid degradation from grapes”, *Ovidius University Annals of Chemistry*, 20, 132-136, **2009**
98. A. Soceanu, **S. Dobrinaș**, S. Birghila, V. Popescu, V. Magearu, „Levels of phosphorus in citrus fruits”, *Ovidius University Annals of Chemistry*, 20, 87-90, **2009**
99. **S. Dobrinaș**, E. Stadler, E. Chirila, “Determination of total phenolic compounds of some fruits and vegetables”, *Ovidius University Annals of Chemistry* 19, 30-33, **2008**
100. E. Chirila, **S. Dobrinaș**, G. Stanciu, M. Munteanu, A.I. Oancea, I. Comnea, “Analytical characterization of plant materials used in cosmetics”, *Ovidius University Annals of Chemistry* 19, 64, **2008**

101. A. Soceanu, **S. Dobrină**, V. Popescu, V. Magearu, „Determination of total chromium in some vegetables and fruits grown in urban and rural areas”, *Ovidius University Annals of Chemistry* 19, 27-29, **2008**
102. V. Popescu, A. Soceanu, S. Birghila, S. Dobrină, Determination of Heavy Metals Content from Grapes and Melons Extracts, *Scientific Study & Research*, 9 (3), 331-336, **2008**
103. Gabriela Stanciu, Semaghiul Birghila, Simona Dobrină, Residues of Polycyclic Aromatic Hydrocarbons In Different Types Of Coffee *Scientific Study & Research*, 9 (3), 325-330, **2008**
104. A. Soceanu, **S. Dobrină**, V. Popescu, V. Magearu, „Determination of some trace metals in different stages of Solanum Lycopersicum plant growing”, *Ovidius University Annals of Chemistry*, vol. XVIII (2), 120-123, **2007**
105. A. Dumbrava, **S. Dobrină**, S. Birghila, „Water quality characteristics along the course of the Danube River. II. The Harsova area”, *Ovidius University Annals of Chemistry*, vol. XVIII (2), 124-131, **2007**
106. A. Soceanu, **S. Dobrină**, V. Popescu, S. Birghila, V. Magearu, „Levels of Mg and Cd concentration in citrus fruits”, *Ovidius University Annals of Chemistry*, vol. XVIII (1), 13-16, **2007**
107. E. Chirila, **S. Dobrină**, S. Birghila, „Metals determination in some petroleum industry spent catalysts”, *Ovidius University Annals of Chemistry*, vol. XVIII (1), 68-70, **2007**
108. A. Dumbrava, **S. Dobrină**, S. Birghila, „Water quality characteristics along the course of the Danube River. I. The Rasova area”, *Ovidius University Annals of Chemistry*, vol. XVIII (1), 84-89, **2007**
109. A. Soceanu, **S. Dobrină**, V. Popescu, V. Magearu, „Selected metals in fruits from Rosaceae family”, *Ovidius University Annals of Chemistry*, vol. XVII (2), 194-197, **2006**
110. **S. Dobrină**, A. Soceanu, S. Birghila, V. Popescu, V. Magearu, „Occurrence of trace elements in some vegetables of the Magnoliopsida Class”, *Ovidius University Annals of Chemistry*, vol. XVII (2), 202-205, **2006**
111. **S. Dobrină**, S. Birghila, A. Soceanu, „Determination of some heavy metals from honey”, *Ovidius University Annals of Chemistry*, vol. XVII (2), 206-208, **2006**
112. A. Soceanu, **S. Dobrină**, V. Popescu, S. Birghila, V. Magearu, „Research on trace elements in plants of the Apiaceae Family by FAAS”, *Ovidius University Annals of Chemistry*, vol. XVII (1), 79-82, **2006**
113. S. Birghila, N. Rasanu, **S. Dobrină**, N. Matei, „The insecticides influence on vitamin C content in some fruit during the vegetation period”, *Ovidius University Annals of Chemistry*, vol. XVII (1), 36-38, **2006**
114. N. Rasanu, S. Birghila, **S. Dobrină**, N. Matei, M. Belc, „The copper influence on germination process of vegetables”, *Ovidius University Annals of Chemistry*, vol. XVII (1), 65-69, **2006**
115. S. Dobrină, N. Matei, A. Soceanu, S. Birghila, V. Popescu, Estimation Of Vitamin C And Cd, Cu, Pb Content In Honey And Propolis *Scientific Study & Research*, 12 (4), 729-734, **2006**
116. A. Soceanu, **S. Dobrină**, V. Popescu, S. Birghila, V. Coatu, V. Magearu, „Determination of some organochlorine pesticides and heavy metals from Capsicum Anuum L.”, *Environmental Engineering and Management Journal*, 5 (4), ISSN: 1582-9596, 597-604, **2006, indexată CAPLUS**
117. **S. Dobrină**, A. Soceanu, S. Birghila, M. Belc, „Determination of some essential elements in different types of Romanian floral and nonfloral bee honeys and propolis”, *Environmental Engineering and Management Journal*, 5 (6), ISSN: 1582-9596, 1215-1220, **2006, indexată CAPLUS**
118. M. Mititelu, D. Mihele, V. Ciupina, M. Belc, **S. Dobrină**, „Study of heavy metals from Black Sea water and some marine organisms”, *Ovidius University Annals of Medical Science-Pharmacy*, 3(1), 84-89, **2005**
119. **S. Dobrină**, S. Birghila, A. Dumbrava, „Determination of Fe, Cu, Cr from surface waters by standard addition method”, *Ovidius University Annals of Chemistry*, vol. XVI, 51-53, **2005**
120. **S. Dobrină**, V. Coatu, „Comparative studies about the organochlorine pesticides extraction from bee products”, *Ovidius University Annals of Chemistry*, vol. XVI, 97-99, **2005**
121. E. Chirila, S. Birghila, S. Dobrină, D. Sava, I. Carazeanu, V. Popescu, „Cr, Cu and Fe determinations in marine algae from Romanian Blacksea Coast by molecular absorbtion spectrometry”, *Ovidius University Annals of Chemistry*, vol. XVI, 117-119, **2005**
122. S. Birghila, **S. Dobrină**, „Analytical characterisation of the sapropelic mud from Salt Lake”, *Environmental Engineering and Management Journal*, 4 (2), ISSN: 1582-9596, 219-222, **2005, indexată CAPLUS-autor corespondent**
123. E. Chirila, **S. Dobrină**, I. Carazeanu, C. Draghici, „Tabacarie lake water quality monitoring”, *Environmental Engineering and Management Journal*, 4 (2), ISSN: 1582-9596, 169-176, **2005, indexată CAPLUS**

Lucrări publicate în reviste de categoria B – 5

124. S. Birghila, **S. Dobrină**, M. Belc, „Determination of copper by standard addition method in leafy vegetables from apiaceae family”, *Ovidius University Annals of Chemistry*, vol. XV, 19-21, **2004**
125. N. Rasanu, S. Birghila, **S. Dobrină**, N. Matei, V. Magearu, „Determination of vitamin C from fruits in the vegetation period”, *Ovidius University Annals of Chemistry*, vol. XV, 22-24, **2004**
126. V. Popescu, S. Birghila, **S. Dobrină**, A. Soceanu, N. Matei, „Preventing of corrosion using alkyl benzoic acids salts”, *Ovidius University Annals of Chemistry*, 14, 75-77, **2003**
127. N. Matei, S. Birghila, V. Magearu, V. Popescu, **S. Dobrină**, A. Soceanu, „Determination of vitamin C from different fruits”, *Ovidius University Annals of Chemistry*, 14, 68-70, **2003**
128. A. Dumbrava, S. Birghila, **S. Dobrină**, „Analytical characterization of an ecosystem of Vrancea mountains”, *Ovidius University Annals of Chemistry*, 14, 36-38, **2003**

129. Soceanu, A.; Matei, N.; Dobrină, S.; Popescu, V. Degradation Kinetic Modelling of Ascorbic Acid from Orange Juice. *Proceedings* **2021**, *70*, 55. doi: [10.3390/foods_2020-07693](https://doi.org/10.3390/foods_2020-07693)
130. G. Stanciu, E. Chirilă, T. Negreanu-Pirjol, **S. Dobrină**, „Studies regarding antioxidative properties of plant extracts for cosmetic purposes using photochemiluminescence”, abstract extins - *The Journal of Biological and Chemical Luminescence*, *23* (4), 271, 2008
<https://www.deepdyve.com/lp/wiley/abstracts-of-the-xiiiith-international-symposium-on-luminescence-bwQZJ2DKhd>
131. E. Chirilă, S. Dobrină, G. Stanciu, C. Draghici, „Polycyclic aromatic hydrocarbons determination in refinery spent catalysts by HPLC-FLD”, abstract extins - *The Journal of Biological and Chemical Luminescence*, *23* (4), 208, 2008
<https://www.deepdyve.com/lp/wiley/abstracts-of-the-xiiiith-international-symposium-on-luminescence-bwQZJ2DKhd>
132. V. Popescu, A. Soceanu, S. Birghila, **S. Dobrină**, „Synthesis and characterisation of some metal-loaded ZSM-5 zeolite catalysts”, *International Conference on Materials Science and Engineering Bramat*, Brasov, February, ISSN: 1223-9631, p. 237-240, **2007**
133. S. Birghila, **S. Dobrină**, V. Popescu, „Determination of chloride in magma rocks”, *International Conference on Materials Science and Engineering Bramat*, Brasov, February, ISSN: 1223-9631, p. 167-169, **2007**
134. S. Birghilă, **S. Dobrină**, N. Matei, „Determination of cadmium and lead levels in human teeth”, *Metal Elements in Environment, Medicine and Biology*, vol. VII in Eds Symposium series Z. Graban, P. Dragan, *Proceeding of the 7th international Symposium on Metal Elements in Environment, Medicine and Biology*, Timișoara, November, ISBN: 973-620-238-0, ISSN: 1583-4204, p. 81-84, **2006**
135. G. Stanciu, S. Birghilă, S. Lupșor, **S. Dobrină**, „Determination of some heavy metals and caffeine from different types of coffee”, *Metal Elements in Environment, Medicine and Biology*, vol. VII in Eds Symposium series Z. Graban, P. Dragan, *Proceeding of the 7th international Symposium on Metal Elements in Environment, Medicine and Biology*, Timișoara, November, ISBN: 973-620-238-0, ISSN: 1583-4204, p. 317-320, **2006**
136. N. Matei, S. Birghilă, V. Popescu, **S. Dobrină**, A. Soceanu, V. Magearu, “Study of vitamin C degradation”, *14th Romanian International Conference on Chemistry and Chemical Engineering RICCE*, Bucharest, September, vol 2, ISBN: 973-718-284-7, p. 56-65, **2005**
137. V. Popescu, S. Birghilă, A. Soceanu, **S. Dobrină**, N. Matei, “The incorporation of Cu and Cr into ZSM-5 Zeolite”, *14th Romanian International Conference on Chemistry and Chemical Engineering RICCE*, Bucharest, September, vol 2, ISBN: 973-718-284-7, p. 132-137, **2005**
138. S. Birghilă, **S. Dobrină**, N. Matei, “Determination of some microelements by ICP-AES technique from Pelargonium Zonale”, *14th Romanian International Conference on Chemistry and Chemical Engineering RICCE*, Bucharest, September, vol 2, ISBN: 973-718-284-7, p. 50-55, **2005**
139. N. Matei, **S. Dobrină**, S. Birghilă, N. Rasanu, M. Belc, „Accumulation of Cd, Cu, Fe, Mn, Zn and ascorbic acid in different stages of prunus persica plant growing”, *Proceeding of International Conference "Agricultural and Food Sciences, processes and Technologies"*, Sibiu, Romania, ISBN: 93-739-093-8, p.1-7, vol 2, **2005**
140. V. Popescu, S. Birghilă, **S. Dobrină**, “New methods for regenerating a sulph unpurified catalyst”, *Proceeding of International Conference on Materials Science and Engineering*, Brasov, Romania, ISBN: 973-635-454-7, p.101-105, **2005**
141. S. Birghilă, V. Popescu, **S. Dobrină**, “Determination of fluoride in necklaces of fluorite”, *Proceeding of International Conference on Materials Science and Engineering*, Brasov, Romania, ISBN: 973-635-454-7, p.106-109, **2005**
142. L.D. Galatchi, **S. Dobrină**, E. Chirila, “Threats on the seaside lakes water and their acute and long-term consequences”, NATO Advanced Study Institute on Chemicals as intentional and accidental global environmental threats, Lecture Notes, Reference Number, CBP.EAP.ASI.981563, Borovetz, Bulgaria, 16-26 Noiembrie, p.105-120, **2005**
143. E. Chirila, C. Draghici, **S. Dobrină**, “Sampling and sample pretreatment for environmental analysis”, NATO Advanced Study Institute on Chemicals as intentional and accidental global environmental threats, Lecture Notes, Reference Number, CBP.EAP.ASI.981563, Borovetz, Bulgaria, 16-26 Noiembrie, p.21-40, **2005**
144. **S. Dobrină**, V. Coatu, E. Chirilă, „Organochlorine pesticides and PAHs compounds occurrence in mussel and fish liver from Black Sea”, *37th Ciesm Congress Proceedings*, *37th Ciesm Congress Proceedings (Rapport du commission internationale pour l'exploitation scientifique de la Mer Mediterranee)*, Barcelona, Spain, ISSN: 0373-434X, p.188, **2004**
145. S. Birghilă, **S. Dobrină**, V. Popescu, N. Matei, A. Soceanu, „Determination of fluoride in teeth with a fluoride ion-selective electrode”, *4th Aegean Analytical Chemistry Days Proceedings*, Kusadasi, Turkey, ISBN: 975-8254-22-7, p.284-286, **2004**
146. N. Matei, S. Birghilă, V. Popescu, **S. Dobrină**, , A. Soceanu, V. Magearu, „Determination of new kinetic data about the behaviour of ascorbic acid from drugs”, *4th Aegean Analytical Chemistry Days Proceedings*, Kusadasi, Turkey, ISBN: 975-8254-22-7, p.287-289, **2004**
147. S. Birghilă, A. Dumbravă, **S. Dobrină**, “Dosage de certains métaux lourds dans la Mer Noire et le Golf Persique aux alentours des plate-formes marines”, *Troisieme Colloque Franco-Roumain de Chimie Appliquee*, Bacau, România, ISBN: 9975-63-183-5, p.394-395, **2004**
148. A. Soceanu, V. Popescu, S. Birghilă, **S. Dobrină**, N. Matei, “Caracterisation physico-chimique des quelques melanges contenant des huiles volatiles”, *Deuxieme Colloque Franco-Roumain de Chimie Appliquee*, Bacau, România, ISBN: 9975-63-183-5, p.326-329, **2004**
149. N. Matei, **S. Dobrină**, S. Birghilă, V. Coatu, A.I. Stoica, G.E. Baiulescu, „Determination of organic and inorganic pollutants from the Black Sea Coast”, *Proceeding of Sixth International Symposium & Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States*, Prague, Czech Republic, September, ISBN: 0-9748192-0-4, **2003**

150. **S. Dobrinaș**, S. Birghilă, N. Matei, V. Coatu, "Determinarea unor poluanți organici și anorganici din Dunare", *Simpozion „Mediul și Industria”*, București, România, ISBN: 973-86587-0-5, p.185-192, **2003**
151. E. Chirilă, **S. Dobrinaș**, V. Coatu, A. Stefan, "Determination of some organic and inorganic pollutants in wine", *3rd International Conference Instrumental Methods of analysis Modern trends and Applications*, Thessaloniki, Greece, September, ISBN: 960-431-875-6, p.521-524, **2003**
152. **S. Dobrinaș**, S. Birghilă, N. Matei, V. Coatu, "Analysis of organochlorine pesticides in fruit juice by gas chromatography with electron capture detection", *3rd International Conference Instrumental Methods of analysis Modern trends and Applications*, Thessaloniki, Greece, September ISBN: 960-431-875-6, p.132-135, **2003**
153. S. Birghilă, V. Popescu, **S. Dobrinaș**, P. Capotă, N. Matei, A. Soceanu, "Determination of Al, Mg, P, Sb, Si, Sn and Ti in honey and propolis by ICP-AES technique", *13th Romanian International Conference on Chemistry and Chemical Engineering RICCCCE*, Bucharest, September, vol 1, ISBN: 973-652-823-5, p.113-117, **2003**
154. V. Popescu, A. Soceanu, S. Birghilă, **S. Dobrinaș**, D. Fatu, "New studies about Co(I), Cu(II) and Ni(III) complex with Schiff bases", *13th Romanian International Conference on Chemistry and Chemical Engineering RICCCCE*, Bucharest, September, vol 2, p.98-103, **2003**
155. E. Chirilă, I. Carazeanu, **S. Dobrinaș**, M. Belc, "Occurrence du cuivre et du fer dans l'écosystème de la Mer Noire", *Deuxieme Colloque Franco-Roumain de Chimie Appliquee*, Bacau, Roumanie, Octobre, ISBN: 973-8392-04-7, p.371-372, **2002**
156. **S. Dobrinaș**, V. Popescu, S. Birghilă, M. Belc, "Analyse des huiles volatiles obtenues a partir plantes decoratives", *Deuxieme Colloque Franco-Roumain de Chimie Appliquee*, Bacau, Roumanie, Octobre ISBN: 973-8392-04-7, p.151-152, **2002**

Lucrări publicate în volumele unor manifestări științifice naționale -1

157. **S. Dobrinaș**, A. Dumbravă, S. Birghilă, "Determinarea unor metale grele din apa Canalului Dunăre-Marea Neagră", *Simpozion „Implicarea fondului acvatic dobrogean în menținerea echilibrului ecologic al populației umane”*, Constanța, februarie, ISBN: 973-7895-00-2, Editura VIROM, p. 77-80, **2005**

Lucrări publicate în reviste de categoria C – 20

158. S. Birghilă, A. Dumbravă, **S. Dobrinaș**, "Determination of heavy metals from the ecosystem of Vrancea mountains", *Environmental Engineering and Management Journal*, 4 (4), ISSN: 1582-9596, 695-700, **2004**
159. **S. Dobrinaș**, A. Soceanu, S. Birghilă, V. Popescu, N. Matei, "Content of organic pollutants (PAHs and POPs) in surface waters from the Danube Delta and Plitvice lakes", *Environmental Engineering and Management Journal*, 4 (3), ISSN: 1582-9596, 355-362, **2004**
160. **S. Dobrinaș**, N. Matei, S. Birghilă, V. Popescu, A. Soceanu, "Determination of heavy metals and C vitamin in Allium plants (garlic and onion)", *Environmental Engineering and Management Journal*, 4 (4), ISSN: 1582-9596, 689-694, **2004**
161. S. Birghilă, **S. Dobrinaș**, N. Matei, P. Capotă, "Determination of essential and potentially toxic trace elements by ICP-AES technique from vine leaves and stem", *Analele Univ. Craiova, Seria Chimie*, vol. XXXIII, ISSN: 1223-5288, 49-53, **2004**
162. N. Matei, S. Birghilă, **S. Dobrinaș**, V. Magearu, "Determinarea vitaminei C din plante medicinale", *Revista de Medicină și Farmacie*, 50, 43-45, **2004**
163. F. Roncea, V. Istudor, M.M. Bratu, M. Crășmaru, T. Negreanu-Pârjol, **S. Dobrinaș**, S. Birghilă, T. Zaharia, "Rolul antitoxic al cvercitolului asupra moluștei *Mytilus galloprovincialis* intoxicată cu Pb²⁺", *Revista de Medicină și Farmacie*, 50, 271-273, **2004**
164. M.M. Bratu, S. Birghilă, L.A. Bucur, V. Magearu, **S. Dobrinaș**, N. Matei, "Determination of β -carotene and ascorbic acid from nettle (*Urtica dioica* L. urticaceae) and underbrush (*Hypochaeris glabra* L. eleagnaceae) preserved under different storage conditions", *Ovidius University Annals of Medical Science-Pharmacy*, 1(1), 178-181, **2003**
165. V. Popescu, S. Birghilă, R. Sirbu, **S. Dobrinaș**, A. Soceanu, "The kinetic study of the thermal stability for the antitermal and antibiotic drugs", *Ovidius University Annals of Medical Science-Pharmacy*, 1(2), 139-141, **2003**
166. E. Chirilă, I. Carazeanu, **S. Dobrinaș**, M. Ropotă, "Occurrence of cadmium, chromium, lead and nickel in corn leaves during the 1999 total sun eclipse by ICP-AES", *Environmental Engineering and Management Journal*, 1 (3), ISSN: 1582-9596, 361-368, **2002**
167. N. Rășanu, E. Chirilă, V. Mârza, **S. Dobrinaș**, "The behaviour of some triarylmethanic dyes in the ultrasonic field", *Analele Univ. „Ovidius” Constanța*, 13, 38-43, **2002**
168. N. Rășanu, E. Chirilă, V. Mârza, **S. Dobrinaș**, "Studies about some azo dyes decomposition in the ultrasonic field", *Analele Univ. „Ovidius” Constanța*, 13, 32-37, **2002**
169. **S. Dobrinaș**, V. Coatu, "Determination of some organic pollutants by gas chromatography coupled with mass spectrometry", *Analele Univ. „Ovidius” Constanța, Seria Chimie*, vol. XII, 24-26, **2001**
170. E. Chirilă, I. Carazeanu, **S. Dobrinaș**, "Kinetic spectrometric method for some anionic surfactant determination in aqueous solutions", *Analele Univ. „Ovidius” Constanța, Seria Chimie*, vol. XII, 20-23, **2001**
171. **S. Dobrinaș**, I. Carazeanu, E. Chirilă, "The determination of NSF plasticizer by UV – VIS spectrometric method", *Analele Univ. „Ovidius” Constanța, Seria Chimie*, vol. XI, 37-40, **2000**
172. I. Carazeanu, E. Chirilă, **S. Dobrinaș**, "Analytical control of hydration-hydrolysis processes in calcium silicates-plasticizer-water systems", *Analele științifice ale Univ. „AL. I. Cuza” Iași, Seria Chimie*, vol. VII, 43-50, **2000**
173. **S. Dobrinaș**, A. Curulli, "Development of choline biosensor based on electropolymerization of selected monomers on Pt electrodes", *Analele Univ. „Ovidius” Constanța, Seria Chimie*, vol. X, 50-54, **1999**
174. I. Carazeanu, E. Chirilă, **S. Dobrinaș**, "Interaction of the ionic species in 2CaO·SiO₂ – plasticizer – water system", *Analele Univ. „Ovidius” Constanța, Seria Chimie*, vol. X, 32-38, **1999**
175. **S. Drăgulescu**, E. Chirilă, "Comparative studies of amoniacal nitrogen and total nitrogen analysis methods", *Analele Univ. „Ovidius” Seria Inginerie*, vol. IX, 43-47, **1998**
176. E. Chirilă, I. Carapea, **S. Drăgulescu**, "Contribution to amoniacal nitrogen from effluents determination by molecular absorption spectrometry in visible", *Analele Univ. „Ovidius” Seria Inginerie*, vol. IV, 41-45, **1993**

177. I.Carazeanu, L.Popa, N.3Rășanu, **S.Drăgulescu**, „Effect of phenolformaldehyde urea resin on the hydration of portland cement”, *Analele Univ. „Ovidius”*, *Seria Inginerie*, vol. III, 40-44, **1992**

Lucrări apărute în alte publicații necotate – 2

178. S. Birghilă, **S.Dobrinaș**, M. Stancic Rotaru, F. Roncea, „The speciation of chromium from some commercial corn flakes”, *Proceedings of the Romanian Academy*, series B, 8 (1), 3-6, **2006**
179. **S.Dobrinaș**, S. Birghilă, V. Coatu, N. Matei, „Determination of some trace metals and organochlorine pesticides in fruit juices”, *Proceedings of the Romanian Academy*, series B, 6 (2), 89-94, **2004**

Contracte de cercetare - 14

- Contract de finantare nr. MDLPA 180636/02.09.2024, „Harnessing Algae Power for Pollution Reduction and Blue Growth (AlgaeRevive)” – cod proiect BSB00091, 2024 - 2027, responsabil proiect Soceanu Alina, 1,470,899.04 euro
 - funcția – expert chimist
 - activitate: Analiza chimică a probelor de apă și alge
- Competitie PNRR-C9-2022-15, Cercetare Integrata si Solutii Sustenabile pentru Protectia Si Restaurarea Ecosistemelor din Bazinul Interior al Dunarii-Zona Costiera a Marii Negre- RESPONSE, director proiect Cogalniceanu Dan, 2024-2025, 500 000 euro
 - funcția - analist de mediu
 - activitate: Selectarea celei mai bune abordări și proiectarea unui set de instrumente pentru dezvoltarea durabilă a comunităților locale din zonele de coastă și marine ale României
- POCU 133256, Proiect „Stagii de practică inovative în domenii de specializare inteligentă”, 4746557, 20 lei, MIPE, 2021-2022
 - funcția - Coordonator practică
 - activități: Selectarea grupului tinta. Coordonarea practicii de specialitate. Coordonarea etapelor de completare a caietelor de practica
- Proiect FDI/D5, “Cultura calității - priorități strategice în UOC. Proiectarea si implementarea unui Centru-pilot de management digital integrat al calității (PilotQ)”, 325 355 lei, (5 luni), CNFIS-FDI-2020-0298, 2020, director proiect Popovici Ionela,
 - funcția - expert învățământ - asigurarea calității
 - activități: Elaborarea unor regulamente în cadrul UOC. Organizarea unor cursuri de formare pentru dezvoltarea competențelor psihopedagogice ale cadrelor didactice
- Proiect ROSE - 258/SGU/NC/II (II/NC/92) – ACCES „, Antrenare, Coordonare, Consiliere si Educatie în timpul studentiei”, 2020-2022, director proiect Vladioiu Rodica, 351191,52 lei,
 - funcția - mentor
 - activități: Analizarea, interpretarea rezultatelor privind prezenta la cursuri a studentilor, aplicatii, consultatii. Desfasurarea activitatilor didactice. Organizarea “Atelierelor de lucru”
- Proiect FDI/D5 “Calitate și sustenabilitate în Universitatea” Ovidius” din Constanța. Proiectarea și implementarea unui SISTEM DIGITAL INTEGRAT DE MANAGEMENT al învățării, evaluării și calității academice-DIGITALMENT”, 17.05.2019 (7 luni), CNFIS-FDI-2019-0519 director proiect Popovici Ionela, 424 900 lei
 - funcția - expert învățământ - asigurarea calității
 - activități: Elaborarea unor regulamente în cadrul UOC. Proiectarea si implementarea catalogului online. Selectare grup tinta cursuri de formare
- Proiect FDI/D5 - Calitate si Integritate. Crearea și dezvoltarea în Universitatea „Ovidius” din Constanța a Platformei electronice instituționale a calității și integrității academice, CNFIS-FDI-2018-0495, director proiect Popovici Ionela, 326000 lei, 04.06.2018-03.12.2018
 - funcția - expert învățământ - asigurarea calității
 - activități: Implementarea unor procedure de imbunatatire a calitatii in UOC
- Înființarea și susținerea activităților Societății Antreprenoriale Studențești „Ovidius Innovation Center”, Universitatea "Ovidius" Constanța, CNFIS-FDI-2017-0656, director proiect Prof. dr. Mihai Girtu, 2017, 87000 lei
 - funcția - expert învățământ
 - activități: Crearea atelierului de generare creative de idei inovatoare

9. „Determinarea experimentală a variațiilor parametrilor fizici ai titeiului în mediul marin”, Universitatea "Ovidius" Constanța – Contract nr. 3569/29.04.2013 cu INCDM Constanța, 1000 RON, responsabil din partea UOC
10. „*Receptori moleculari redox pentru senzori electrochimici*”, proiect în cadrul programului Parteneriate în Domeniile prioritare, Universitatea București (director Prof. dr. ing. Ungureanu Mihaela), - partener Universitatea "Ovidius" Constanța (responsabil Prof. dr. ing. Gabriela Stanciu), - nr. 71-067 din 18.09.2007/ 2007-2010, membru
11. „*Contribuția microorganismelor planctonice în circuitul carbonului din zona costieră a Mării Negre*”, Institutul Național de Cercetare și Dezvoltare Marină Grigore Antipa INCDM din Constanța (director Elena Stoica), valoare totală 50 000 RON – Grant CNCSIS 150/2006-2007 (7 000 RON)
 - a. funcția – membru cercetător
 - b. activități: Stabilirea contribuției microorganismelor planctonice în circuitul carbonului din zona costieră a Mării Negre
12. „*Stabilirea gradului de acumulare a unor pesticide organoclorurate și hidrocarburi policiclice aromatice în produse apicole*”, Universitatea "Ovidius" Constanța – Grant CNCSIS 137/2005-2006, (10390 RON)
 - a. funcția – director de grant
 - b. activități: Determinarea pesticidelor organoclorurate, a hidrocarburilor policiclice aromatice, a oligoelementelor, precum și determinarea vitaminei C și a capacității antimicrobiene *in vitro* (efect bacteriostatic și bactericid) a diferitelor tipuri de produse apicole (miere, propolis), funcție de compoziția fizico-chimică și proveniența fitogeografică a acestora.
13. „Analiza calitativă și cantitativă a macroelementelor și microelementelor din apa pentru irigații și din solul pentru cultură”, Universitatea "Ovidius" Constanța – Contract nr. 748/15.03.2006 cu SC Lider Internațional SA Sucursala Constanța, membru
14. „Studies about the drinking water treatment optimization at Dumbrava Sibiu, Romania”, Universitatea "Ovidius" Constanța – Contract International Aqua Engineering GmbH nr. 8/2005, 1000 RON, responsabil Chirilă Elisabeta, membru

Referent științific:

Referent științific la reviste de specialitate:

- internaționale:
 - American Chemical Science Journal
 - Biological Trace elements Research
 - British Journal of Applied Science & Technology
 - Biomolecules
 - Chemosensors
 - Chemosphere
 - Chemistry Journal of Moldova
 - Current Chromatography
 - Environmental Monitoring and Assessment
 - Environmental Science and Pollution Research
 - Environments
 - Fermentation
 - Food Chemistry
 - Food Analytical Methods
 - Foods
 - Food Science and Nutrition Therapy
 - Frontiers in sustainable food system
 - French-Ukrainian Journal of Chemistry
 - Heliyon
 - International Journal of Analytical Chemistry
 - International Journal of Environmental Analytical Chemistry
 - International Journal of Molecular Science
 - Journal of Apicultural Science
 - Journal of Food Science

- Journal of Food Science and Technology
 - Journal of Food Quality
 - Journal of Food Composition and Analysis
 - Journal of Cleaner Production
 - Journal of Molecular Science
 - Journal of Trace Elements and Minerals
 - Microchemical Journal
 - Molecules
 - Polycyclic Aromatic Compounds
 - Pharmaceuticals
 - Science of the Total Environment
 - Separations
 - Sustainability
 - Toxicological & Environmental Chemistry
 - Toxics
 - Water
1. Health risk assessment of toxic chemical elements in chicken liver samples sold in Salvador, Brazil for the Journal of Food Composition and Analysis, ianuarie 2026
 2. Occurrence and exposure assessment of heavy metals in tea consumed in Shandong Province of China vegetables for the Journal of Food Composition and Analysis, ianuarie 2026
 3. Comparative health risk analysis of heavy metals concentration in samples of fresh and boiled vegetables for the Journal of Food Composition and Analysis, decembrie 2025
 4. An environmentally sustainable optimization of graphite furnace atomic absorption spectrometry (GFAAS) for trace cadmium determination in seawater and desalination brine through temperature program refinement, measurement uncertainty evaluation, and green analytical assessment for the Toxicological & Environmental Chemistry, decembrie 2025
 5. Precision Prediction of Soil Nickel at Continental Scales: Synergistic Integration of Spectral Preprocessing and Machine Learning for the Journal of Chemosensors, noiembrie 2025
 6. Accumulation of arsenic in deep-frying oil for the Journal of Food Composition and Analysis, noiembrie 2025
 7. Systematic assessment of metal elements and health risks in consumable nuts based on inductively coupled plasma mass spectrometry (ICP-MS) for the Journal of Food Composition and Analysis, noiembrie 2025
 8. Analytical Method Development and Validation for Transfluthrin determination in Liquid Vaporizers Using GC/FID for the International Journal of Environmental Analytical Chemistry, octombrie 2025
 9. Dietary Exposure to Toxic Trace Elements Through Cooked Rice in High Rice Consuming Populations: A Comprehensive Risk Assessment in Sri Lanka for the Journal of Food Composition and Analysis, septembrie 2025
 10. Dietary Exposure to Heavy Metals (Pb, Cd, iAs, Hg) from Ready-to-Eat Meals: Health Risk Assessment for the Journal of Food Composition and Analysis, august 2025
 11. Direct determination of tartrazine yellow dye in pharmaceutical and nutritional supplements by digital image colorimetry for the Journal of Food Composition and Analysis, august 2025
 12. Presence and Dermal Exposure to Benzene and Acetaldehyde in Hand Sanitizers Available in Taiwan for the Toxics, iunie 2025
 13. Assessment of metal-related health risks in processed tomato-based sauces from Quito, Ecuador: Evaluation and monitoring during and after a spice contamination event for the Journal of Food Composition and Analysis, mai 2025
 14. Investigation of the impact of brewing parameters on heavy metal and rare earth element contamination in oolong tea for the Journal of Food Composition and Analysis, martie 2025
 15. Ecological Risk and Early Warning of PCBs in Central Jilin Province's Black Soil Zone, China for the Toxics, martie 2025
 16. Progesterone Pollution in Surface Waters of a Major Southwestern European Estuary: The Douro River Estuary (Iberian Peninsula) for the Toxics, februarie 2025
 17. Health risk assessment associated with the consumption of heavy metals contaminated beef livers in Egypt with studying the effect of cooking on their residual contents for the Microchemical Journal, februarie 2025
 18. Evaluation of polycyclic aromatic hydrocarbon content in deep-fat fried doughnuts for the Foods, ianuarie 2025
 19. Biocontrol of Toxicity Heavy Metal Residues in Milk and dairy products via a Probiotic Cocktail in Soft Cheese for the Journal of Food Composition and Analysis, ianuarie 2025
 20. Consumer profile and quality monitoring of the honey commercialized in the mesoregion of western Santa Catarina for the Journal of Food Composition and Analysis, decembrie 2024
 21. Assessment of heavy metals and estrogen content in liver of industrial chicken farms in Ilam, Iran Composition for the Journal of Food Composition and Analysis, decembrie 2024
 22. Impact of Consumer-Prepared Tea Mate Forms on Technological Features and Bioactive Composition for the Journal of Food Composition and Analysis, decembrie 2024
 23. Dietary Risk Analysis of Heavy Metal Pollution in Rice in Nanning City for the Journal of Food Composition and Analysis, decembrie 2024
 24. Dietary intake of heavy metals from seafood and human health risk implications in Tuticorin, Southeast coast of India for the Marine Pollution Bulletin, noiembrie 2024

25. Health risk assessment of Pb and Cd in commercial vegetables in Gansu Province, China for the Journal of Food Composition and Analysis, noiembrie 2024
26. Mercury in fur of bats in Middle Taiga of the European part of Russia at low anthropogenic exposure for the Toxics, noiembrie 2024.
27. Estimation of quantitative risk assessment of dietary exposure to metal/metalloids from sea cucumbers (*Parastichopus regalis* Cuvier, 1817) for the Journal of Food Composition and Analysis, octombrie 2024
28. Content of selected harmful metals (Zn, Pb, Cd) and polycyclic aromatic hydrocarbons (PAHs) in honeys from apiaries located in urbanized areas for Foods, octombrie 2024
29. The impact of fat contents and different cooking processes on the potential health concerns of polycyclic aromatic hydrocarbons in chicken doner kebabs for the Polycyclic aromatic compounds, septembrie 2024
30. Rapid warning system to predict chemical hazards in wild European eel (*Anguilla anguilla*): transcriptomic approach in food risk assessment for the Journal of Food Composition and Analysis, august 2024
31. Analysis of Heavy Metal Concentrations Found in Lettuce Grown in Lebanon and health risk implications for the Journal of Food Composition and Analysis, august 2024
32. Levels of Organochlorine Pesticides in the Chewable and Leftover Parts of the Khat (*Catha edulis*) Sold in Local Markets of Jimma Town, Southwest Ethiopia for the International Journal of Environmental Analytical Chemistry, iulie 2024
33. Health risk assessment of heavy metals in nuts and seeds in Gansu Province, China for the Journal of Food Composition and Analysis, iulie 2024
34. Unlocking the potential of de-oiled seeds of *Citrus sinensis* loaded with metal nanoparticles for Congo red degradation and removal: A green water treatment strategy with bibliometric analysis for the Frontiers in sustainable food system, iulie 2024
35. GIS-based visualization of elemental distribution in *Neoboletus luridiformis* fruiting body for the Biological Trace Element Research, iulie 2024
36. Profiling Heavy Metals Level and Proximate Composition of Watermelon Fruits from Selected Towns of Somali Regional State, Ethiopia for the Journal of Food Composition and Analysis, iunie 2024
37. Recent trends in non-destructive techniques for quality assessment of edible mushrooms for the Journal of Food Composition and Analysis, iunie 2024
38. Combined ICP-MS, ESEM-EDX and HAADF-STEM-EDX approach for the assessment of metal sub-micro and nanoparticles in wheat grain for the Molecules, iunie 2024
39. *Blusher mushroom (Amanita rubescens Pers.)*: A study of mercury content in substrate and mushroom samples from Slovakia with respect to locality and developmental stages for the Biological Trace Element Research, mai 2024
40. The concentration and human health risk attribute to pesticides residues in cucumber: A systematic review and meta-analysis for the International Journal of Environmental Analytical Chemistry, mai 2024
41. Analysis of Heavy Metals Content in Vegetables and their Soil for the Journal of Food Composition and Analysis, mai 2024
42. Exploring the nutritional and antioxidant properties of six edible mushroom species from Turkey: A Focus on Polyphenol Content and Antioxidant Defense System, for the Journal of Food Composition and Analysis, mai 2024
43. Hydrochemical Characteristics, Formation Mechanisms, and Sources of Different Water Bodies in the Northwest Coal-Electricity Agglomeration Area for Water, aprilie 2024
44. Understanding Heavy Metal Contamination in the Vicinity of Lake Urmia NW Iran: Environmental and Health Perspectives for Heliyon, aprilie 2024
45. Radionuclides and metal levels of sea, lake, and rock salts and health risk assessment: Türkiye for the Journal of Food Composition and Analysis, februarie 2024
46. A comparative analysis of pesticides residues in tobacco leaves cultivated in Iran and different parts of the world for the International Journal of Environmental Analytical Chemistry, februarie 2024
47. Investigation of accumulation of heavy metal and other element results in different layers of different colored fig fruits by using ICP-OES for the Environmental Monitoring and Assessment, ianuarie 2024
48. Heavy metal concentrations in commercially important brachyuran crabs around Mumbai and Sindhudurg districts of Maharashtra, India, for the Journal of Food Composition and Analysis, ianuarie 2024
49. Three decades of groundwater drought research: Evolution and trends for the Water, ianuarie 2024
50. Bioaccumulation of metals and metalloids in seafood: A comprehensive overview of mobilization, interactive effects in eutrophic environments, and implications for public health risks for the Journal of Trace Elements and Minerals, ianuarie 2024
51. Health risk assessment from mercury-contaminated soil and water in Abu Hamad Mining Market, Sudan for the Toxics, ianuarie 2024
52. Environmental radioactivity, ecotoxicology (Uranium-238, Thorium-232 and Potassium-40) and toxic heavy metals Contents in Water and Sediments from North Africa dams. Tuniso-Algerian transboundary Southern Mediterranean basin for the Sustainability, decembrie 2023
53. On the Phosphorus SOURCES and transport Pathways in the North Chaohu Lake Catchment of China for the Water, decembrie 2023
54. Comparative analysis of nutritional quality of *Zizania latifolia* cultivars harvested in different growing seasons for the Foods, noiembrie 2023
55. Assessing Water Quality Dynamics in Tidally Influenced Blackwater Rivers Along a Rural-Urban Gradient for the Water, noiembrie 2023
56. Health risk assessment of heavy metals from grains and grain products in Gansu Province, China, 2012-2020: based on two assessment methods and heavy metal pollution index for the Journal of Food Composition and Analysis, octombrie 2023
57. Heavy metal contamination in chicken meat and egg: An emerging threat to food safety for the Journal of Food Composition and Analysis, octombrie 2023
58. Assessment of exposure to aluminum through consumption of noodle products for the Foods, octombrie 2023

59. Evaluation of the Content of Macro and Trace Elements and the geographic origin of Honey in North Brazil through Statistical and Machine Learning Techniques for the Journal of Food Composition and Analysis, septembrie 2023
60. A screening study of elemental composition in legume (Fabaceae sp.) species from Serbia: Nutrient accumulation and risk assessment for the Foods, septembrie 2023
61. Major and trace elements geochemistry of geothermal water from the Nappe Zone, northern Tunisia: Implications for mineral prospecting and health risk assessment, for the Environments, august 2023
62. *Lachancea quebecensis* a novel isolate for the production of craft beer, for the Foods, august 2023
63. Analytical method optimization of tetrodotoxin and its contamination in gastropods, for the Foods, iulie 2023
64. Comparative effect of blanching and high-hydrostatic pressure treatments on the microbiological and chemical qualities of carrot juice during cold storage for the Foods, iulie 2023
65. Heavy metals and metalloids in organic and conventional vegetables from Chile and Mexico: Implications for human health for the Journal of Food Composition and Analysis, iunie 2023
66. Mathematical Prediction of Sensory Attributes in Cocoa Liquors from Volatile Compounds Profile for the Molecules, iunie 2023
67. Different submerged macrophytes restoring the aquaculture ponds with enrofloxacin residues in the sediment for the Water, mai 2023
68. Heavy metals and metalloids in organic and conventional vegetables from Chile and Mexico: Implications for human health for the Journal of Food Composition and Analysis, mai 2023
69. Antioxidant capacity and phenolics profile of Portuguese traditional cultivars of apples and pears and their by-products: on the way to newer applications for the Foods, martie 2023
70. Pesticide residues in freshly harvested *Vigna Unguiculata* (Cowpea beans) from Gboko farm settlement, Benue, Nigeria: Screening, spatial distribution and health risk Assessments for the International Journal of Environmental Analytical Chemistry, martie 2023
71. Distribution of silver (Ag) and silver nanoparticles (AgNPs) in aquatic environment for the Water, martie 2023
72. Enhancing the Chemical Compositions in Kombucha Fermentation through the Use of Indian Gooseberry as a New Additional Substrate for the Fermentation, februarie 2023
73. UPLC-QTOF/MS-Based Nontargeted Metabolomic Analysis 2 and Chemometrics to Unveil the Potential Marker for the systematic chemical differentiating among the root of *Panax ginseng*, *P. quinquefolius*, *P. notoginseng*, *P. japonicus* 5 and *P. japonicus* var. *major* for the Molecules, ianuarie 2023
74. The impact of yeast strain on the hop derived sensory properties and volatile composition of beer for the Foods, februarie 2023
75. Metabolomics-Based Identification of Three New Tea Varieties cultivated in Shandong, China for the Foods, decembrie 2022
76. Evaluation of drinking water quality, irrigation, and risk indices of alpine lakes in Gilgit-Baltistan, Northern Pakistan for the Journal of Food Composition and Analysis, decembrie 2022
77. Determination of Pesticide residues in cucumbers grown in fields and greenhouses using Arc-GIS and investigation of its risk assessment in Mazandaran province for the International Journal of Environmental Analytical Chemistry, decembrie 2022
78. Lipid peroxidation mediates the association between iron overload and liver injury: Cross-sectional and longitudinal analyses in general Chinese urban adults for the Environmental Science and Pollution Research noiembrie 2022
79. Automated and rapid easy-to-use magnetic solid phase extraction system for five heavy metals in cereals and feeds for the Foods, noiembrie 2022
80. Occurrence Characteristics and Ecological Risk Assessments of Organophosphorus in Upstream Enterprises and Wastewater Treatment Plant, for the Water, noiembrie 2022
81. Effect of shading on the morphological, physiological, and biochemical characteristics as well as the transcriptome of matcha 3 green tea for the International Journal of Molecular Science, octombrie 2022
82. Biogeochemical networks in the abandoned historical gold mines affecting mobilization and transport of arsenic in Kolar for the Water, octombrie 2022
83. Investigations of the Polycyclic Aromatic Hydrocarbon and Elemental Profile of Smoked Fish for the Molecules, septembrie 2022
84. Assessment of a multi-layer aquifer vulnerability using a multi-parameter decision making method in Mosha Plain, Iran for the Water, septembrie 2022
85. Chemical status evolution of the Romanian Black Sea marine environment based on benthic organisms' contamination for the Marine Research, iulie 2022
86. Distinguishing Different Varieties of Oolong Tea by Fluorescence Hyperspectral Technology Combined with Chemometrics for the Foods, iulie 2022
87. Identification of epigallocatechin-3-gallate (EGCG) from green tea using Mass spectrometry for the Separations, iulie 2022
88. TLC-Densitometric Method for Determination of Omeprazole in Simple and Complex Pharmaceutical Preparations for the Pharmaceuticals, iulie 2022
89. Contamination and Health Risk Assessments of Metals in Selected Fruits from Abeokuta, Southwestern Nigeria for the Journal of Food Composition and Analysis, iulie 2022
90. Assessment of a multi-layer aquifer vulnerability using a multi-parameter decision making method in Mosha Plain, Iran for the Water, iunie 2022
91. Effect of Processing Methods on Nutrient Contents of Sweet Potato (*Ipomoea Batatas* L. Lam.) Varieties Grown in Ethiopia for the Food Science and Nutrition Therapy, aprilie 2022
92. Simultaneous Estimation of Escitalopram and Clonazepam in Tablet dosage forms Using RP-HPLC Method and Optimization of Chromatographic Conditions by Box-Behnken Design for the Separations, aprilie 2022

93. Comparative analysis of polycyclic aromatic hydrocarbons and 2 halogenated polycyclic aromatic hydrocarbons in different 3 parts of *Perilla frutescens* (L.) Britt. For the *Molecules*, aprilie 2022
94. BLP3-SP: A Bayesian Log-Pearson Type III model with Spatial Priors for reducing uncertainty in flood frequency analyses for the *Water*, februarie 2022
95. Concentration levels and an assessment of human health risk of polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in honey and pollen for the *Environmental Science and Pollution Research*, februarie 2022
96. Evaluation as time-dependent of pesticides applied in preharvest period of grown vegetables and removal of pesticide residues in vegetable samples for the *International Journal of Environmental Analytical Chemistry*, februarie 2022
97. Combination of Multivariate statistical method and geostatistical Modeling for assessing Sustenance of irrigation groundwater: Case study in the North African plain of the Western Mid-4 dle-Cheliff (Algeria) for the *Water*, ianuarie 2022
98. Modern lake sedimentary record of PAHs and OCPs in a typical karst wetland for the *Environmental Pollution*, august 2021
99. Application of Solid Phase Extraction and High Performance 2 Liquid Chromatography with Fluorescence Detection to ana-3 lyze bisphenol A bis (2,3-dihydroxypropyl) ether 4 (BADGE·2H₂O), bisphenol F (BPF), and bisphenol E (BPE) in 5 human urine samples for the *International Journal of Environmental Research and Public Health*, august 2021
100. Groundwater Quality Monitoring using in-Situ Measurements 2 and Hybrid Machine Learning with Empirical Bayesian 3 Kriging Interpolation Method for the *Applied Sciences*, decembrie 2021
101. Hydrocarbon yields and stability from *Euphorbia tirucalli* for quality energy use, for the *Energy Conversion and Management: X*, octombrie 2021
102. Effect of different heat processing methods on heavy metals in the world's major exported seafood commodity, *Peneaus vannamei*, and its related human health risk assessment: A comparative study, for the *Journal of Food Composition and Analysis*, septembrie 2021
103. Presence of Halogenated Polycyclic Aromatic Hydrocarbons in Milk Powder and the Consequence to Human Health, for the *Journal of Food Composition and Analysis*, septembrie 2021
104. Influence of the levels of arsenic, cadmium, mercury and lead 2 on overall survival in lung cancer for the *Biomolecules*, iunie 2021
105. Introducing a low-cost jute activated carbon as a novel cleanup agent in multiclass pesticide residue analysis using gas chromatography tandem mass spectrometry for the *Journal of Cleaner Production*, iunie 2021
106. Composition and distribution of α -dicarbonyl compounds in propolis from different plant origin and extraction processing for the *Journal of Food Composition and Analysis*, aprilie 2021
107. Polycyclic aromatic hydrocarbons (PAHs) in leafy vegetables consumed in southern Nigeria: concentration, risk assessment and source apportionment for the *Environmental Monitoring and Assessment*, februarie 2021
108. Cleaner production: scale development and validation for the *Journal of Cleaner Production*, noiembrie 2020
109. A Critical Review on valorization Vegetable Wastes generated from vegetable market: Challenges, Opportunities and Future Directions for the *Science of the Total Environment*, noiembrie 2020
110. Pesticides, metals, and polycyclic aromatic hydrocarbons in date fruits: A probabilistic assessment of risk to health of Iranian consumers for the *Journal of Food Composition and Analysis*, septembrie 2020
111. Organochlorine pesticide residues in soil of Soroca District, Republic of Moldova for the *Chemistry Journal of Moldova*, mai 2020
112. Development of Extraction Method of Polycyclic Aromatic Hydrocarbons from Sunflower Oil for The French-Ukrainian *Journal of Chemistry*, martie 2020
113. A large dataset to determine the effects of organic matter and soil moisture on soil chemistry and microbial biomass carbon for the *Journal of Cleaner Production*, martie 2020
114. Usefulness of bee pollen and capped brood for the assessment of monocyclic aromatic hydrocarbon levels in the environment for the *Environmental Pollution*, februarie 2020
115. Estimation of iron content and its contribution in iron fortified food products consumed by school children in Sri Lanka for the *Journal of Food Quality*, februarie 2020
116. Assessment of contaminants from molluscs of commercial interest at the Romanian Black Sea coast area in respect with regulated values for human consumption, for the *Research Marine*, noiembrie 2019
117. Concentration and health risk assessment of Polycyclic Aromatic Hydrocarbon in milk and milk powder samples collected from the Iranian market for the *Journal of Food Composition and Analysis*, iunie 2019
118. Determination of the Effect of Various Ultrasonic Treatment Factors on Extraction Yield of Limonin from Gaocheng (Citrus sp.) Peels by HPLC-UV for the *Journal of Food Science and Technology*, februarie 2019
119. Comparative assessment regarding antioxidative and nutrition potential of *Moringa oleifera* leaves by bacterial fermentation, for the *Journal of Food Science and Technology*, februarie 2019
120. Rapid Extraction of Polycyclic Aromatic Hydrocarbons in Apple: Ultrasound Assisted Solvent Extraction Followed by Micro-Extraction by Packed Sorbent for the *Food Analytical Methods*, februarie 2019
121. Optimal fermentation parameters for processing high quality African locust bean condiments for the *Journal of Food Science and Technology*, ianuarie 2019
122. Polycyclic aromatic hydrocarbons in urban soils within the different land use: a case study of Tyumen, Russia for the *Polycyclic Aromatic Compounds*, octombrie 2018
123. Phytomonitoring of air pollution around brick kilns in Balochistan province Pakistan via air pollution index (APTI) and metal accumulation index (MAI) for the *Journal of Cleaner Production*, noiembrie 2018
124. Protein quality and physicochemical properties of commercial cricket and mealworm protein powders for the *Journal of Food Science and Technology*, octombrie 2018
125. The Evaluation of Surface Water and Groundwater Quality Index (WQI) in Southern Tehran for Agricultural Use for the *Journal of Cleaner Production*, septembrie 2018

126. Box-Behnken design approach to investigate the importance of smoked procedures for benzo[a]anthracene formation and their risk assessment for the Journal of Food Science and Technology, iulie 2018
127. Polycyclic aromatic hydrocarbons in urban soils within the different land use for the Polycyclic Aromatic Compounds, august 2018
128. Institutions and Environmental Quality in Developing Countries: Evidence from Dynamic Panel Data Analysis for the Journal of Cleaner Production octombrie 2017
129. Mineral contents of honey and pollen from native jataí bees in the Iron Quadrangle, Brazil for the Journal of Food Composition and Analysis, septembrie 2017
130. Polycyclic Aromatic Hydrocarbons in Fruits and Vegetables: Origin, Analysis and Occurrence for the Environmental Pollution, iulie 2017
131. Optimization and Validation of Extraction Methods for PAH4 determination in Cocoa for the Food Analytical Methods, decembrie 2016
132. PAH residues in Honey by Ultrasound-Vortex-Assisted Liquid-Liquid Micro-Extraction followed by GC-FID/IT-MS, for the Food Analytical Methods, noiembrie 2016
133. Bioaccumulation and cancer risk of polycyclic aromatic hydrocarbons in leafy vegetables grown in soils within automobile repair complex and environment in Uyo, Nigeria for the Environmental Monitoring and Assessment, august 2016
134. Purification of propolis from polycyclic aromatic hydrocarbons (pahs) and preservation of active polyphenol component and antioxidant activity, Journal of Food Science, iunie 2016
135. Method Validation and Hyphenated Techniques: Recent Trends and Future Perspectives, a review for the Current Chromatography, decembrie 2015
136. Extensive green roofs as a means to capture polycyclic aromatic hydrocarbons, for the Polycyclic Aromatic Compounds Journal, august 2015
137. Mineral composition of the selected raw propolis samples for the Journal of Apicultural Science, mai 2015
138. Assessing the Quality of Rainwater from Different Roof Types in Kuntanasi, Ghana, a review for the American Chemical Science Journal, ianuarie 2015
139. Chromatographic methods for PAHs determination in beverages: a review for the Current Chromatography, aprilie 2014
140. How can plants manage polycyclic aromatic hydrocarbons? May these effects represent a useful tool for an effective soil remediation? A review for the Journal of Cleaner Production, decembrie 2013
141. Variations in the aroma compounds of strawberry fruits caused by heat processing for the Journal of Food Quality, ianuarie 2013
142. Multi-residue Analysis of Pesticide residues in fruits and vegetables from Thiruvananthapuram area, using Gas Chromatography for the International Journal of Environmental Analytical Chemistry, iunie 2013
143. Carcinogens: Polycyclic Aromatic Hydrocarbons and Heavy Metal Content in Some Locally Processed Foods in South Eastern Nigeria for the British Journal of Applied Science & Technology, mai 2013
144. Sensory quality and compositional characteristics of black currant juices produced by different processes, for the Food Chemistry, decembrie 2012
145. Study on heavy metals levels and its risk assessment in some edible fishes from Bangshi River, Savar, Dhaka, Bangladesh, for the Food Chemistry, 2012
146. Polycyclic aromatic hydrocarbons: bees, honey and pollen as sentinels for environmental chemical contaminants, for the Chemosphere, 2011
147. Chemical composition and functional properties of *Ulva lactuca* seaweed collected in Tunisia, for the Food Chemistry, 2010
148. PAHs in raw cane sugar (rapadura) in Brazil, for the Journal of Food Composition and Analysis, 2010
149. Spectrophotometric determination of nitrite by its catalytic effect on the oxidation of Congo red with bromate, for the Environmental Monitoring and Assessment, 2010
150. Determination of the levels of Polycyclic Aromatic Hydrocarbons (PAHs) in Toasted Bread Using Gas Chromatography Mass Spectrometry, for the Journal of Analytical Chemistry, 2010
151. Polycyclic Aromatic Hydrocarbons (PAHs) levels in propolis and propolis-based dietary supplements from the Italian market for the, for the Food Chemistry, 2009
152. Volatile constituents of essential oil from the seeds of fennel (*Foeniculum vulgare* Miller) for the Journal of Food Quality, 2008

- naționale:

- Analele Universitatii Ovidius
- Research Marine/Cercetari Marine

1. Marine Sediment Pollution In The Black Sea: Spatial Distribution, Sources, And Contamination Assessment on The Romanian Shelf for the Research Marine/Cercetari Marine, septembrie 2025
2. Assessment of Spatial Distribution of Lead in Soils Around an Active Military Shooting Range for the Ovidius University Annals of Chemistry, ianuarie 2024
3. Occupational Exposure of Auto-Mechanics to Selected Heavy Metals in Vehicle Maintenance Workshops, for the Ovidius University Annals of Chemistry, ianuarie 2024
4. Impact of Different Extraction Solvents and Concentrations on the Total Phenolics Content and Bioactivity of the Algerian Lemongrass (*Cymbopogon citratus*) Extracts for the Ovidius University Annals of Chemistry, februarie 2024
5. Evaluation Of Phytochemical Compounds and Proximate Analysis Of Doum Palm Fruit (*Hyphaene Thebaica*) Blend With Turmeric Powder (*Curcuma Longa*) for the Ovidius University Annals of Chemistry, februarie 2024
6. Optimization of ultrasound-assisted extraction (UAE) of (poly)phenolic compounds from blueberry (*Vaccinium Myrtillus*) leaves using full-factorial design for the Ovidius University Annals of Chemistry, martie 2024

7. Bioassay-directed isolation of two novel antimicrobial coumarin and flavanone from *Acanthus montanus* for the Ovidius University Annals of Chemistry, iunie 2024
8. Profile, health risk assessment and source apportionment of Polycyclic aromatic hydrocarbons (PAHs) in terrestrial snails and some aquatic species consumed in some parts of Ogbia LGA, Bayelsa, Nigeria for the Ovidius University Annals of Chemistry, iunie 2024
9. Current levels of inorganic and organic pollutants in Romanian marine waters: implications for ecosystem health for the Research Marine/Cercetari Marine, iulie 2024
10. Phenolic profile, antioxidant capacity, and *in vivo* sub-acute toxicity evaluation of *Calligonum comosum* L. aerial part for the Ovidius University Annals of Chemistry, iulie 2024
11. *Xylopiia aethiopica* HPLC-DAD Polyphenol Profiling and Antioxidant viewpoint from South-South Region of Nigeria for the Ovidius University Annals of Chemistry, ianuarie 2023
12. Chemometrics and risk assessment of Heavy metals in drinking water from Iponri water treatment plant, Lagos water corporation Nigeria for the Ovidius University Annals of Chemistry, martie 2023
13. The effect of maturation condition on physicochemical and viscoelastic properties of Kashkaval cheese for the Ovidius University Annals of Chemistry, mai 2023
14. Removal of lead from contaminated and spiked soils by aqueous extracts of dried *Alternanthera brasiliiana*, *Chromolaena odorata* and *Tridax procumbens* plants for the Ovidius University Annals of Chemistry, mai 2023
15. End-of-life mobile phones parts contain toxic metals that are hazardous, but can also serve as resource reserves for such metals for the Ovidius University Annals of Chemistry, mai 2023
16. Charges in polychlorinated biphenyls levels and risk in sediment from inland rivers in Warri-South, Warri, Delta State for the Ovidius University Annals of Chemistry, septembrie 2023
17. A new High-Performance Liquid Chromatography (HPLC) method for the analysis of synthetic dyestuffs in historical textile objects in the Istanbul Naval Museum for the Ovidius University Annals of Chemistry, octombrie 2023
18. *Cyperus rotundus* Tubers Resin from Algeria: A Promising Source of Natural Antioxidants, Anti-inflammatory, and Photoprotective Compounds for the Ovidius University Annals of Chemistry, noiembrie 2023
19. Mechanical and Thermal Behaviour of Plantain Peel Powder Filled Recycled Polyethylene Composites for the Ovidius University Annals of Chemistry, ianuarie 2022
20. Antimutagenic, antioxidant activity of the fruit of *Citrullus colocynthis* growing in the south of Algeria for the Ovidius University Annals of Chemistry, februarie 2022
21. Toxic metals in soil depths from selected abandoned sites: Occurrence, sources, ecological and human health risk for the Ovidius University Annals of Chemistry, februarie 2022
22. GC-MS profile and antimicrobial activities of extracts from root of *Senna Occidentalis* Linn. for the Ovidius University Annals of Chemistry, mai 2022
23. Physico-chemical and sensory quality of pasteurized apple juices extracted by blender and cold pressing juicer for the Ovidius University Annals of Chemistry, iunie 2022
24. Effect of grape (*Vitis vinifera* L. cv. Dimrit) seed extract powder on total phenolic content and antioxidant properties of ayran drink for the Ovidius University Annals of Chemistry, iulie 2022
25. Comparative assessment of the phytochemicals, vitamins, and antioxidant composition of stems and leaves of four selected green vegetable plants in Umuahia, Abia State, Nigeria for the Ovidius University Annals of Chemistry, iulie 2022
26. Comparison of some characteristics of homemade, local and national brands yoghurts for the Ovidius University Annals of Chemistry, decembrie 2022
27. Determination of some individual phenolic compounds in Algerian propolis for the Ovidius University Annals of Chemistry, iunie 2021
28. The influence of micro-reservation (natural sciences museum complex) on Tabacarie Lake water quality, Constanta, Romania for the Ovidius University Annals of Chemistry, iunie 2021
29. Chemometric analysis of Drinking Water quality parameters of Sagar city (M.P.) and evaluation for the Ovidius University Annals of Chemistry, iunie 2020
30. Phenolic Profile and Antioxidant Activity of Bee pollen Extracts from Algeria for the Ovidius University Annals of Chemistry, iunie 2020
31. Evaluation of the chemical composition, proximate and phytochemical analysis of *Irvingia gabonensis* and *Irvingia wombulu* peels, seed coat, leaves and seeds for the Ovidius University Annals of Chemistry, februarie 2019
32. Novel Batch and Cloud point Extraction kinetic spectrophotometric method for determination of Acetazolamide using simple diazotization method for the Ovidius University Annals of Chemistry, mai 2019
33. Quality Assessment of Tigernut milk fortified with *Moringa oleifera* seed powder for the Ovidius University Annals of Chemistry, octombrie 2019
34. Assessment of contaminants from molluscs of commercial interest at the Romanian Black Sea coast area in respect with regulated values for human consumption for the Research Marine/Cercetari Marine, noiembrie 2019

Referent științific la cursuri, monografii, îndrumare de laborator:

1. A. Soceanu, Chimie. Caiet de studiu individual, 65 pagini, 2019
2. Lucica Barbes, Nicoleta Matei, "Falsificarea produselor alimentare. Aplicatii", Editura PIM Iasi, 2015, 100 pagini, ISBN 978-606-13-2478-1
3. Cataliza si biocataliza- Lucrari practice, autori V. Popescu, A. Soceanu, Editura PIM, ISBN: 978-606-13-1994-7, 2014
4. Chimie fizica, Structura atomilor si moleculelor, partea I, autori A. Soceanu, V. Popescu, Editura PIM, ISBN: 978-606-13-2023-3, 2014
5. E. Chirilă, C. Drăghici, Poluarea și analiza poluanților din produse alimentare și din mediu, Ovidius University Press, ISBN 978-973-614-534-6, 199 pag., 2013
6. Chimie coloidală - Lucrari practice, autori V. Popescu, A. Soceanu, "Ovidius" University Press, ISBN: 978-973-614-572-8, 2010
7. Metode instrumentale de analiză. Metode optice, autor Semaghiul Birghila, Ovidius University Press, 2005

Comisii îndrumare doctoranzi:

- Niculescu Anamaria, Universitatea “Politehnica” din București, Școala doctorală „Chimie Aplicată și Știința Materialelor”, Conducător de doctorat Prof.dr.ing. DOBRE TANASE - Evaluarea activităților desfășurate în cadrul programului de pregătire bazat pe studii universitare avansate -2022-2024
- Bercea Georgiana, Universitatea “Politehnica” din București, Școala doctorală „Inginerie Chimică și Biotehnologii”, Conducător de doctorat Prof.dr.ing. Vasile Lavric – 2024-2025

Membru- Comitet de Organizare - manifestări științifice:

1. Workshop Food Chemistry & Engineering, membru in comitetul de organizare si secretariat, 15 mai 2015, Constanta
2. Workshop Oil, gas and petrochemical industry, membru in comitetul de organizare 24-25 mai, 2013, Constanta
3. Workshop Chemistry and Food Safety, membru in comitetul de organizare si secretariat 9-10 iunie, 2011, Constanta
4. Workshop Challenges in food chemistry, membru in comitetul de organizare și secretariat (ediția 2010 si 2013), Constanța
5. Chimia 2003; Chimia 2006; Chimia 2009; Chimia 2012; Chimia 2014; Chimia 2016; Chimia 2018; Chimia 2020 - New trends in applied chemistry: membru in comitetul de organizare si secretariat (editiile 2000, 2003, 2006, 2009, 2012, 2014, 2016, 2018, 2020, 2024), Constanța;
6. New trends in Petroleum Refining, NTPR: membru in comitetul de organizare și membru al secretariatului conferinței, (ediția 2007), Constanța;
7. 3rd Black Sea Basin Conference on Analytical Chemistry, BBCAC: membru in comitetul de organizare (ediția 2005), Constanța;

Participări la workshopuri/conferințe internaționale/naționale

1. International Chemical Engineering and Material Symposium, SicheM 2025, 6-7 November 2025, SICHEM 2025 Bucharest
2. Eurachem Scientific Workshop, Complex Matrices: Applications, Laboratory standards and Accreditation, 26-30 mai, Bucuresti, 2025
3. International Conference: From Algae to Action: Reviving Ecosystems for a sustainable tomorrow, organized within the project BSB00091 Harnessing Algae Power for Pollution Reduction and Blue Growth -ALGAEREVIVE by Interreg NEXT Black Sea Basin Programme 2021-2027, 29-31 mai, Constanta, 2025
4. The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field, Oproteh 2025, 21-23 mai, Bacau, 2025
5. Scientific Approaches for Eco-System Remediation and Innovation in the Blue Economy, Burgas, decembrie 2024
6. 23rd Romanian International Conference on Chemistry and Chemical Engineering- Ricce, Constanța - Mamaia, Romania, 4-7 Septembrie, 2024
7. 1st International Electronic Conference on Food Science and Functional Foods session Novel Technologies in Food Technology (Proceedings) 10.3390/foods_2020-07693 (registering DOI) <https://sciforum.net/manuscripts/7693/manuscript.pdf>
8. 1st International Symposium on Climate Change and Sustainable Agriculture, Agricultural University- Plovdiv, 14-15 November 2019
9. International Conference on Environmental Engineering and Management ICEEM 08, Iași, 9 – 12 September, 2015
10. International Workshop “Food Chemistry & Engineering”, Constanta, 15 May, 2015
11. 7th International Conference on Environmental Engineering and Management, “Integration challenges for sustainability”, ICEEM 07, Vienna, Austria, 18 – 21 September 2013
12. International workshop “Oil, gas and petrochemical industry”, Constanta, 24-25 May, 2013
13. International workshop “Challenges in food chemistry”, Constanta, 31 May-1 June, 2013
14. International Conference on Analytical Chemistry RO-ICAC’12 Analytical Chemistry for a Better Life, Targoviste, Romania, 18-21 septembrie, 2012

15. *Septieme Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA*, ISSN: 2068-6382, Bacau, Romania, 27-29 iunie, **2012**
16. *NATO Advanced Study Institute, Envinronmental Security Assessment and Management of Obsolete Pesticides in Southeast Europe*, Lecture Notes, Varna, Bulgaria, 11-17 septembrie, **2012**
17. *Proceedings of the 6th International Conference on Environmental Engineering and Management – ICEEM06*, Balatonalmadi, Ungaria, 1-4 septembrie, 2011
18. *7th AACD*, Mytilini, Grecia, 29sept – 4 oct **2010**
19. *Siexime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA*, ISSN: 2068-6382, Orleans, Franta, 7-10 iulie, **2010**
20. *Workshop Challenges in food chemistry*, Constanta, 28-29 mai, **2010**
21. *Exposure and Risk Assessment of Chemical Pollution- Contemporary Methodology, ESPMD. ASI 983351*, Borovetz, Bulgaria, 1-10 iulie, 2008
22. *XIII International Symposium on Luminescence Spectrometry*, Bologna, Italia, septembrie, 2008
23. *Cinquime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA*, Bacau, Romania, 25-29 iunie, **2008**
24. *New Trends in Petroleum Refining*, December, Constanta, **2007**
25. *4th Black Sea Basin Conference on Analytical Chemistry*, September, **2007**
26. *Euroanalysis XIV*, Antwerp, Septemeber, **2007**
27. *International Conference on Materials Science and Engineering Bramat*, Brasov, February, **2007**
28. *EnvEdu 2006 Conference*, Brasov, Romania, 18-20 noiembrie, **2006**
29. *Le Quatrieme Colloque Franco-Roumain de Chimie Apliquee*, Clermont-Ferrand, Franta, 28 iunie-2 iulie, **2006**
30. *NATO Advanced Study Institute, Chemicals as intentional and accidental global environmental threats*, Lecture Notes, Reference Number, CBP.EAP.ASI.981563, Borovetz, Bulgaria, 16-26 Noiembrie, **2005**
31. *3rd Black Sea Basin Conference on Analytical Chemistry, process related environmental analytical chemistry*, Constanta, Romania, 12-14 septembrie, **2005**
32. *14th International Symposium Spectroscopy in Theory and Practice*, Nova Gorica, Slovenia, 10-13 Aprilie, **2005**
33. *International Confrence on Materials Science and Engineering*, Brasov, Romania, 24-26 Februarie, **2005**
34. *Third International Conference on Trace Element Speciation in Biomedical, Nutritional and Environmental Sciences*, Munich-Neuherberg, Germany, 10-13 May, **2004**
35. *Second International Symposium on Trace Elements and Minerals in Medicine and Biology*, Munich-Neuherberg, Germany, 13-15 May, **2004**
36. *4th Aegean Analytical Chemistry Days*, Kusadasi, Turcia, 26 septembrie – 3 oct., **2004**
37. *5th International Balkan Workshop on Applied Physics*, Constanta, Romania, 5-7 July, **2004**
38. *Euroanalysis 13*, 5-10 September, Salamanca, Spain, **2004**
39. *Colloquium spectroscopicum internationale XXXIII*, Granada, Spain, **2003**
40. *Simpozion „Mediul și Industria”*, București, România, **2003**
41. *13th International Symposium “Spectroscopy in Theory and practice”*, Nova Gorica, Slovenia, **2003**
42. *Euroanalysis*, Dortmund, Germany, **2002**
43. *6th Euroconference on Environmetal Analytical Chemistry*, Centerparcs Erperheide, Peer, Belgium, **2002**
44. *4th Mediteranean Basin Conference on Analytical Chemistry*, Portoroz, Slovenia, **2002**
45. *7th International Simposium on Kinetics in Analytical Chemistry*, România, **2001**
46. *2nd International Conference of the Chemical Societies of the South – Eastern European Countries on Chemical Sciences for Sustainable Development*, Grecia, **2000**
47. *Colloquium Spectroscopicum Internationale XXXI*, Turcia, **1999**

Data
2026

Semnătura
Prof. univ. dr. Simona Dobrinaș