

Lista de lucrări

- Lector Dr. Dorina Casoni -

A. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru domeniul disciplinelor postului

1. Bükér E., Casoni D*, Szasz M.C, Cobzac S.C.A., *New method for rapid detection and simultaneous determination of prohibited adrenergic drugs in sports using thin layer chromatography and image processing*, **Journal of Liquid Chromatography**, (2024) 1-8. DOI:10.1080/10826076.2024.2386320 (Autor correspondent *; IF 1,00)
2. Casoni D*, Cobzac S.C.A., Simion I.M., *Feasibility of UV-Vis spectroscopy combined with pattern recognition techniques to authenticate the medicinal plant material from different geographical areas*, **Journal of Analytical Science and Technology**, 15(17) (2024) DOI: 10.1186/s40543-024-00428-2 (Prim autor, Autor correspondent *; IF 2,5)
3. Anamaria Apan, Dorina Casoni, Denisa Leonte, Cristina Pop, Irina Iaru, Cristina Mogos, Valentin Zaharia, *Heterocycles 52: The Drug-Likeness Analysis of Anti-Inflammatory Thiazolo[3,2-b][1,2,4]triazole and Imidazo[2,1-b][1,3,4]thiadiazole Derivatives*, **Pharmaceuticals** 17 (2024) 295. <https://doi.org/10.3390/ph17030295> (Co-autor; IF 4,3)
4. Scrob T., Covaci E., Hosu A., Tanaselia C., Casoni D., Torok A.I., Frentiu T., *Effect of in vitro simulated gastrointestinal digestion on some nutritional characteristics of several dried fruits*, **Food Chemistry** 385 (2022) 132713. <https://doi.org/10.1016/j.foodchem.2022.132713> (Co-autor; IF 8,5)
5. Cobzac S.C.A., Olah N. K., Casoni D*, *Application of HPTLC Multiwavelength Imaging and Color Scale Fingerprinting Approach Combined with Multivariate Chemometric Methods for Medicinal Plant Clustering According to Their Species*, **Molecules** 26(23) (2021) 7225. <https://doi.org/10.3390/molecules26237225> (Autor correspondent *; IF 4,2)
6. Simion I. M., Casoni D.*, Sârbu C., *Multivariate color scale image analysis–thin layer chromatography for comprehensive evaluation of complex samples fingerprint*, **Journal of Chromatography B** 1170 (2021) 122590. <https://doi.org/10.1016/j.jchromb.2021.122590> (Autor correspondent *; IF 2,8)
7. Casoni D., Simion I.M., Sârbu C., *A comprehensive classification of edible oils according to their radical scavenging spectral profile evaluated by advanced chemometrics*, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 213 (2019) 204-209. <https://doi.org/10.1016/j.saa.2019.01.065> (Prim autor; IF 4,3)
8. Casoni D., Sima I. A., Sârbu, C., *Thin-layer chromatography - an image processing method for the determination of acidic catecholamine metabolites*, **Journal of Separation Science** 37 (2014) 2675–2681. DOI 10.1002/jssc.201400550 (Prim autor; IF 2,8)
9. Casoni D., Sârbu, C., *Comprehensive evaluation of antioxidant activity: A chemometric approach using principal component analysis*, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 118 (2014) 343–348. <http://dx.doi.org/10.1016/j.saa.2013.08.094> (Prim autor; IF 4,3)
10. Sima I. A., Casoni D., Sârbu C., *High sensitive and selective HPTLC method assisted by digital image processing for simultaneous determination of catecholamines and related drugs*, **Talanta** 114 (2013) 117-123. <http://dx.doi.org/10.1016/j.talanta.2013.03.058> (Co-autor; IF 5,6)

B. Teza de doctorat

Titlul Tezei: *Determinarea prin metode cromatografice a lipofilicității unor compuși din clasa aditivilor alimentari*

Conducător de doctorat: Profesor Dr. Teodor Hodișan, Facultatea de Chimie și Inginerie Chimică, Universitatea Babeș-Bolyai, Cluj-Napoca

Susținere publică: 14 Mai 2010

Comisia de doctorat:

Președinte: Conf. Dr. Cornelia Majdik

Referenți: Prof. Dr. Victor David, Universitatea din București

Prof. Dr. Horia Iustin Nașcu, Universitatea Tehnică, Cluj Napoca

Prof. Dr. Constantin Măruțoiu, Universitatea Babeș-Bolyai, Cluj-Napoca

Calificativ: Excelent (Summa cum laude)

Ordinul Ministrului: Nr. 4542 din 28.07.2018

C. Cărți publicate la edituri din țară

1. Tiberiu Frențiu, Dorina Casoni, *Metode de Imagistică elementală și moleculară*, Presa Universitară Clujeană, 2019, ISBN 978-606-37-0584-7

D. Articole publicate în reviste din fluxul științific internațional principal cotate ISI Thomson Reuters

65. Bükér E., Casoni D*, Szasz, M.C, Cobzac, S.C.A., *New method for rapid detection and simultaneous determination of prohibited adrenergic drugs in sports using thin layer chromatography and image processing*, **Journal of Liquid Chromatography**, (2024) 1-8. DOI:10.1080/10826076.2024.2386320
64. Casoni D*, Cobzac S.C.A., Simion I.M., *Feasibility of UV-Vis spectroscopy combined with pattern recognition techniques to authenticate the medicinal plant material from different geographical areas*, **Journal of Analytical Science and Technology**, 15(17) (2024) DOI: 10.1186/s40543-024-00428-2
63. Torok A. I., Casoni D., Senila M., Tanaselia C., Covaci E., Hoaghia M.-A., Neag E., Cadar, O., Levei E. A., Arghir R., Moldovan O.T., Constantin S., Frențiu T., *Spatial variability and hydro/geochemical profiling of the elemental composition of mineral deposits and drip water from caves using unsupervised chemometric modelling*, **Chemical Geology** 646 (2024) 121903
62. Apan A., Casoni D., Leonte D., Pop C., Iaru I., Mogos C., Zaharia V., *Heterocycles 52: The Drug-Likeness Analysis of Anti-Inflammatory Thiazolo[3,2-b][1,2,4]triazole and Imidazo[2,1-b][1,3,4]thiadiazole Derivatives*, **Pharmaceuticals** 17 (2024) 295. <https://doi.org/10.3390/ph17030295>
61. Baumli J., Antal N., Casoni D., Cimpoi C., *Use of Secondary Metabolites Profiling and Antioxidant Activity to Unravel the Differences between Two Species of Nettle*, **Plants** 12 (2023) 3233
60. Szasz M., Casoni D., Cimpoi C., *Study on binding affinity profile, bioactivity, and lipophilicity of selected antipsychotic drugs*, **Journal of Liquid Chromatography & Related Technologies** (2023) DOI10.1080/10826076.2023.2216780

59. Scrob T., Varodi S.M., Vintila G. A., Casoni D., Cimpoiu C., *Estimation of degradation kinetics of bioactive compounds in several lingonberry jams as affected by different sweeteners and storage conditions*, **Food Chemistry X**, 16 (2022) 100471
58. Scrob T., Covaci E., Hosu A., Tanaselia C., Casoni D., Torok A.I., Frentiu T., *Effect of in vitro simulated gastrointestinal digestion on some nutritional characteristics of several dried fruits*, **Food Chemistry** 385 (2022) 132713
57. Casoni D., Simion I. M., Cobzac S.C.A., Kiraly A.G., *Development of a new micro-HPTLC protocol for total antioxidant potential determination of redox-active drugs*, **Studia Universitatis Babeș-Bolyai, Chemia** 67(4) (2022) 235-247
56. Cobzac S.C.A., Olah N. K., Casoni D.*., *Application of HPTLC Multiwavelength Imaging and Color Scale Fingerprinting Approach Combined with Multivariate Chemometric Methods for Medicinal Plant Clustering According to Their Species*, **Molecules** 26(23) (2021) 7225
55. Torok A. I., Levei E. A., Constantin S., Moldovan O. T., Senila M., Cadar O., Casoni D., Angyus S. B., Tanaselia C., Covaci E., Frentiu T., *Application of inductively coupled plasma spectrometric techniques and multivariate statistical analysis in the hydrogeochemical profiling of caves—Case study Cloșani, Romania*, **Molecules** 26(22) (2021) 6788
54. Cobzac S.C.A., Frentiu T., Balabanova B., Ruzdik N., Casoni D., *Regional pattern and characteristics of essential elements in several medicinal plants using spectrometric methods combined with multivariate statistical approaches*, **Studia Universitatis Babeș-Bolyai, Chemia** LXVI 2 (2021) 9-22
53. Casoni D., Badea M., Cobzac S.C.A., *Fish roe sample preparation for synthetic food dyes determination by HPTLC*, **Studia Universitatis Babeș-Bolyai, Chemia** LXVI 2 (2021) 265-275
52. Simion I. M., Casoni D.*., Sârbu C., *Multivariate color scale image analysis—thin layer chromatography for comprehensive evaluation of complex samples fingerprint*, **Journal of Chromatography B** 1170 (2021) 122590
51. Coman F. M., Leonte D., Toma A., Casoni D., Vlase L., Zaharia V., *Heterocycles 51: Lipophilicity investigation of some thiazole chalcones and aurones by experimental and theoretical methods*, **Journal of Separation Science** 43 (2020) 2784–2793
50. Casoni D., Ponta M., Bibica M.N., Lazar I. V., Frentiu T., *A free non-spectral interferences method based on inductively coupled plasma optical emission spectrometry for multielemental determination in multiminerals/multivitamin preparations*, **Revue Roumaine de Chimie** 65(6) (2020) 573-578
49. Cobzac S.C.A., Casoni D., Badea M., Balabanova B., Ruzdik N., *Ultraviolet-visible (UV-Vis) spectroscopy and cluster analysis as a rapid tool for classification of medicinal plants*, **Studia Universitatis Babeș-Bolyai, Chemia** 64(4) (2019) 191-203
48. Casoni D.*., Badiu R. R., Frentiu T., *Spectrophotometric determination and assessment of potential health risk of nitrite from meat and processed meat products*, **Studia Universitatis Babeș-Bolyai, Chemia** LXIV 2, Tom I (2019) 265-277
47. Casoni D., Simion I.M., Sârbu C., *A comprehensive classification of edible oils according to their radical scavenging spectral profile evaluated by advanced chemometrics*, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 213 (2019) 204-209
46. Simion I.M., Casoni D., Sârbu C., *Classification of Romanian medicinal plant extracts according to the therapeutic effects using thin layer chromatography and robust chemometrics*, **Journal of Pharmaceutical and Biomedical Analysis** 163 (2019) 137-143

45. Simion I.M., Casoni D., Sârbu C., *Characterization and classification of medicinal plants according to their antioxidant profile estimated by thin layer chromatography assisted by chemometric expertise*, **Journal of Liquid Chromatography & Related Technologies** 41(6) (2018) 342-348
44. Dragan O., Tomuta I., Casoni D., Sarbu C., Campian R., Frentiu T., *Influence of mixed additives on the physicochemical properties of a 5.25% sodium hypochlorite solution: an unsupervised multivariate statistical approach*, **Journal of Endodontics** 44 (2), (2018) 280-285
43. Casoni D., Badea M, Bros I., Cobzac S. C. A., *Investigation on image processing parameters for plate evaluation in TLC analysis of mycotoxins*, **Studia Universitatis Babeş-Bolyai, Chemia** LXII (3) (2017) 89-102
42. Casoni D., Olah N., Soran L., Cobzac S.C.A., *Comparison of different extraction techniques for the evaluation of polyphenols content in Summer savory extracts*, **Studia Universitatis Babeş-Bolyai Chemia** LXII (3) (2017) 45-56
41. Simion I.M., Cobzac S.C.A Casoni D., *Image analysis approaches to improve the thin layer chromatography-chemometric based investigations of natural extracts*, **Studia Universitatis Babeş-Bolyai Chemia** LXII, 2 (Tom I) (2017) 67-80
40. Casoni D., Sârbu, C., *Chromatographic approach for the evaluation of radical-scavenging activity using a new time-monitoring image analysis method*, **Journal of Planar Chromatography - Modern TLC** 29 (2016) 299-305
39. Turdean, G.L. , Casoni D., Sârbu, C., *Structure-electrochemical properties correlations of some phenol derivatives investigated by electrochemical techniques*, **Journal of the Iranian Chemical Society** 13 (2016) 945-956
38. Toma, A., Leonte, D., Zaharia, V., Sârbu, C., **Casoni, D.** *Heterocycles 37. Lipophilicity of new polyheterocyclic schiff bases and mannich bases estimated by thin-layer chromatography and computational methods*, **Revue Roumaine de Chimie**, 60 (2015) 677-687
37. Silai I.E. Fort I. C., Casoni D., Turdean G. L., *Epinephrine detection at Pt-nanoparticles modified graphite electrode by square-wave voltammetry*, **Revue Roumaine de Chimie** 60 (2015) 689-696
36. Casoni D., Sima I. A., Sârbu, C., *Thin-layer chromatography—an image processing method for the determination of acidic catecholamine metabolites*, **Journal of Separation Science** 37 (2014) 2675–2681
35. Casoni D., Sârbu, C., *Comprehensive evaluation of antioxidant activity: A chemometric approach using principal component analysis*, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 118 (2014) 343–348
34. Caiali E., Casoni D., Petre I., David V., Sârbu C., *Parabens lipophilicity determination with mobile phases containing low and medium hydrophobic alcohols*, **Journal of Liquid Chromatography & Related Technologies** 37 (2014) 2287–2301
33. Cobzac S.C.A, Casoni D., Sârbu C., *Lipophilicity of amine neurotransmitter precursors, metabolites and related drugs estimated on various TLC plates*, **Journal of Chromatographic Science** 52 (2014) 1095–1103
32. Toma A., Hapău D., Casoni D., Zaharia V., *Heterocycles 33: Lipophilicity of a new class of thioethers estimated by Reversed-Phase Thin-Layer Chromatography and different computational methods*, **Journal of Chromatographic Science** 52 (2014) 1302-1307
31. Sima I. A., Casoni D., Sârbu C., *Rapid screening method for the diagnosis of adrenal tumors*, **Revue Roumaine de Chimie** 59 (2014) 965-970
30. Sima I. A., Casoni D., Sârbu C., *High sensitive and selective HPTLC method assisted by digital image processing for simultaneous determination of catecholamines and related drugs*, **Talanta** 114 (2013) 117-123

29. Sârbu C., Casoni D*., *Comprehensive evaluation of biogenic amines and related drugs antiradical activity using reactive 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical*, **Central European Journal of Chemistry** 11 (2013) 679-688
28. Sima I. A., Casoni D., Sârbu C., *Simultaneous determination of carbidopa and levodopa using new TLC method and a free as detection reagent*, **Journal of Liquid Chromatography & Related Technologies** 36 (2013) 2395-2404
27. Fort I., Silai I.E., Casoni D., Turdean G.L, *Electrochemical study of isoprenaline and epinephrine at platinum-nanoparticles-chitosan modified graphite electrode*. **Studia UBB Chemia**, LVIII 4 (2013) 193-202
26. Silai I.E., Turdean G.L, Casoni D., *Electrochemical behavior of some catecholamines investigated by cyclic and square-wave voltammetry*. **Studia UBB Chemia** LVIII 4 (2013) 203-211
25. Casoni D., Sârbu C., *Comprehensive evaluation of lipophilicity of biogenic amines and related compounds using different chemically bonded phases and various descriptors*, **Journal of Separation Science** 35 (2012) 915-921
24. Sârbu C., Nascu-Briciu R. D., Casoni D., Kot-Wasik A., Wasik A., Namiesnik J. *Chromatographic lipophilicity determination using large volume injections of the solvents non-miscible with the mobile phase*, **Journal of Chromatography A** 1266 (2012) 53-60
23. Cobzac S.C.A, Casoni D., Pop D., *Tartrazine determination from mustard sample by TLC-Photodensitometry and TLC-Digital processing of images*, **Journal of Planar Chromatography - Modern TLC** 25 (2012) 542-547
22. Cobzac S.C.A, Casoni D., Fazakas A. L., Sârbu C, *Determination of food synthetic dyes in powder for jelly desserts using slit-scanning densitometry and image analysis methods*, **Journal of Liquid Chromatography & Related Technologies** 35 (2012) 1423-1443
21. Casoni D., Boldan A., Cobzac S. C., *TLC-densitometric determination of synthetic food colorants from pharmaceutical powders*, **Studia Universitatis Babeş-Bolyai, Chemia** 57(1) (2012) 83-92
20. Tuhutiu I. A, Casoni D., Sârbu, C., *Comparative study of different TLC-image analysis methods for quantitative evaluation of parabens in pharmaceutical suspensions*, **Studia Universitatis Babeş Bolyai, Chemia** (LVII) (2) (2012) 83-93
19. Casoni D., Tuhutiu I.A., Sârbu C., *Simultaneous determination of parabens in pharmaceutical preparations using High-Performance Thin-Layer Chromatography and image analysis*, **Journal of Liquid Chromatography & Related Technologies** 34 (2011) 805-816
18. Casoni D., Sârbu C, *Modeling of food preservatives chromatographic lipophilicity applying genetic algorithm and multiple linear regression*, **Revue Roumaine de Chimie** 56(4) (2011) 381-390
17. Casoni D., Sârbu C., *Comparative study of different oils and fats impregnated Thin-Layer Chromatographic Layers for the amino-acids lipophilicity estimation*, **Studia Universitatis Babeş-Bolyai, Chemia** LVI, 1 (2011) 45-61
16. Casoni D., Petre J., David V., Sârbu C, *Prediction of pesticides chromatographic lipophilicity from the computational molecular descriptors*, **Journal of Separation Science** 34 (2011) 247-254
15. Sârbu C., Casoni D., Kot-Wasik A., Wasik A., Namieśnik J., *Modeling of chromatographic lipophilicity of food synthetic dyes estimated on different columns*, **Journal of Separation Science** 33 (2010) 2219-2229
14. Casoni D., Cobzac C.S., Sârbu C., *A comparative study concerning the lipophilicity of some synthetic dyes estimated by thin layer chromatography and different computation methods*, **Revista de Chimie (Bucureşti)** 61 (3) (2010) 229-234

13. Cobzac C.S., Casoni D., Sârbu C., *An improved sample preparation of starch-based foods for synthetic dyes analysis*, **Studia Universitatis Babeş-Bolyai, Chemia XLV, 2 (Tom II)** (2010) 227-235
12. Casoni D., Kot-Wasik A., Namieśnik J., Sârbu C., *Lipophilicity data for some preservatives estimated by reversed-phase liquid chromatography and different computation methods*, **Journal of Chromatography A** 1216 (2009) 2456-2465
11. Casoni D., Sârbu C., *The lipophilicity of parabens estimated on reverse phases chemically bonded and oil-impregnated plates and calculated using different computation methods*, **Journal of Separation Science** 32 (14) (2009) 2377-2384
10. Casoni D., Sârbu C., *Lipophilicity of some preservatives estimated by RP-TLC using stationary phases with different polarity*, **Chromatographia** 70 (2009) 1277-1282
9. Moţ A.C., Sopenar F., Casoni D., Cobzac S.C., Sârbu C., *Simultaneous Spectrophotometric Determination of Some Food Dyes from Mixture Using Principal Component Regression*, **Revista de Chimie (Bucureşti)** 60(7) (2009) 647-652
8. Casoni D., Briciu R.D., Veres D., *The separation of some preservatives by thin layer chromatography*, **Studia Universitatis Babeş-Bolyai, Chemia LIII, 4** (2008) 77-84
7. Briciu R. D., Casoni D., Bischin C., *Thin layer chromatography separation of some carotenoids, retinoids and tocopherols*, **Studia Universitatis Babeş-Bolyai, Chemia LIII, 4** (2008) 67-75
6. Hodişan T, Casoni D., Beldean-Galea M. S., Cimpoiu C., *Identification and quantification of tocopherols in vegetable oils by Thin-Layer Chromatography*, **Journal of Planar Chromatography - Modern TLC** 21(3) (2008) 213-215
5. Cimpoiu C., Casoni D., Hosu A., Miclăuş V., Damian G., Hodişan T., *Separation and identification of eight hydrophilic vitamins using a new TLC method and Raman spectroscopy*, **Journal of Liquid Chromatography & Related Technologies** 28(16) (2005) 2551-2559
4. Soran M.L, Hodişan T, Curtui M., Casoni D., *TLC separation of rare earths using di(2-ethylhexyl)dithiophosphoric acid as complexing reagen*, **Journal of Planar Chromatography - Modern TLC** 18(102) (2005) 160-163
3. Sârbu C., Casoni D., Darabanţu M., Măiereanu C., *Quantitative structure-retention and retention-activity relationship of some 1,3-oxazolidine systems by RP-HPTLC and PCA*, **Journal of Pharmaceutical and Biomedical Analysis** 35 (2004) 213-219
2. Casoni D., Cimpoiu C., Miclăuş V., Hodişan T., Gaspar C., *Optimization of the ternary mobile phases used in Thin-Layer Chromatography by the "Window Diagrams" method*, **Studia Universitatis Babeş-Bolyai, Chemia XLIX, 1** (2004) 85-92
1. Cimpoiu C., Miclăuş V., Damian G., Puia M., Casoni D., Bele C., Hodişan T., *Identification of new phthalazine derivatives by HPTLC-FTIR and characterization of their separation using some molecular properties*, **Journal of Liquid Chromatography & Related Technologies** 26(16) (2003) 2687-2696

E. Articole ştiinţifice indexate în BDI (din lista CNCSIS)

1. Dorina Casoni, Simona Codruţa Cobzac, *Effect of temperature and mobile-phase pH on the chromatographic behavior of some preservatives in normal and reversed-phase TLC*, **Acta Universitatis Cibiniensis, seria F, Chemia, 12** (2009) 77-90.
2. Dorina Casoni, Rodica Domnica Briciu, *Lipophilicity of parabens estimated by Reversed-Phase High Performance Thin-Layer Chromatography and different computation methods*, **Acta Universitatis Cibiniensis, seria F, Chemia, 11(1)** (2008) 83-91.

3. Rodica Domnica Briciu, Dorina Casoni, *Lipophilicity estimation of some flavonoids by Reversed-Phase Thin-Layer Chromatography*, **Acta Universitatis Cibiniensis, seria F, Chemia**, 11(1) (2008) 71-81.

F. Comunicări orale la conferințe internaționale

1. Eda Bükler, Dorina Casoni, Investigating the in-vitro diuretic activity and rosmarinic acid content of extracts from *Olea europaea* L. Ayvalik and *Olea europaea* L. Gemlik for potential health and medicinal purposes, **International Conference on Nanobiotechnology and Pharmacy (ICNANOP - 2024)**, 9- 10 Iulie, 2024, Istanbul, Turcia.
2. Dorina Casoni, Melinda Carmen Szasz, Ileana-Maria Simion, *Sensitive HPTLC method for simultaneous determination of adrenergic drugs prohibited in sport*, **27th International Symposium on Separation Sciences (ISSS 2023)**, September 24th -27th, 2023, Cluj-Napoca, Romania.

G. Contribuții prin participare cu poster la conferințe internaționale

1. Casoni Dorina, Mureșan Angelica-Silvia, *New approach for the in-vitro evaluation of antioxidant potential of medicinal plants extracts using Thin-Layer Chromatography assisted by Image Analysis*, **26th International Symposium for High-Performance Thin-Layer Chromatography**, 9–11 Septembrie 2024, Budapesta, Ungaria.
2. Cobzac Simona, Casoni Dorina, *Characterization of some pepper hydroalcoholic extracts by using thin layer chromatography coupled with image analysis*, **26th International Symposium for High-Performance Thin-Layer Chromatography**, 9–11 Septembrie 2024, Budapesta, Ungaria
3. Dorina Casoni, Larisa Silveșan, *Evaluation of substrate-interaction effect on the antioxidant potential of adrenergic drugs using thin-layer chromatography with image analysis method*, **50th International conference of Slovak Society of Chemical Engineering – SSCHE 2024**, Tatranské Matliare, Slovakia, 20-24 May, 2024.
4. Cobzac Simona Codruța Aurora, Casoni Dorina, *Evaluation of the antioxidant activity of medicinal plants extracts based on the antiradical efficiency parameters determined by spectrophotometric assays*, **50th International conference of Slovak Society of chemical Engineering, SSCHE**, Tatranske Matliare, Slovacia, 20-24 Mai, 2024
5. Simona Codruta Aurora Cobzac, Dorina Casoni, *Determination of antioxidant potential of some medicinal plants extracts based on the ABTS⁺ separation using micro-HPTLC-IA*, **49th International Conference of SSCHE**, Tatranske Matliare, Slovacia, 15 - 18 May, 2023.
6. Dorina Casoni, Ileana-Maria Simion, Melinda Carmen Szasz, *New chromatographic approach for rapid evaluation of antioxidant potential of adrenergic dugs*, **49th International Conference of SSCHE**, Tatranske Matliare, Slovakia, 15 - 18 May, 2023.
7. Eniko Covaci, Dorina Casoni, Simona Codruța Aurora Cobzac, *Elemental profile and antioxidant potential of selected medicinal plants from Romanian flora*, **49th International Conference of SSCHE**, Tatranske Matliare, Slovacia, 15 - 18 May, 2023.
8. Cobzac Simona Codruța Aurora, Casoni Dorina, *Potential use of micro-HPTLC-IA for the antioxidant activity evaluation of some medicinal plant extract from Romanian flora*, **7th International Symposium on Phytochemicals in Medicine and Food**, August 2 – August 7, 2023, Beijing, China.
9. Casoni Dorina, Cobzac Simona Codruța Aurora, Hosu Anamaria Delia, *New micro-HPTLC method assisted by image analysis for rapid determination of total antioxidant potential of*

- medicinal plants extracts*, **16th World Congress on Polyphenols Applications**, September 28-29, 2023, Corinthia Palace, Malta.
10. Dorina Casoni, Alexandra-Gabriela Kiraly, Simona Codruța Cobzac, *New method for rapid identification and determination of selective adrenergic drugs using the micro-TLC approach*, **Conferința Națională de Chimie, Ediția XXXVI**, Călimănești-Căciulata, 04-07 octombrie 2022.
 11. Casoni Dorina, Sârbu Costel, *Antioxidant Activity of Biogenic Amines and Related Compounds Estimated by 1,1-Diphenyl-2-Picrylhydrazyl (DPPH•) Test*, **12th Eurasia Conference on Chemical Sciences (EuAsC2S-12)**, 16 - 21 April 2012, Corfu, Grecia.
 12. Casoni Dorina, Sârbu Costel, *Antioxidant activity of catecholamines and related compounds by RP-TLC and digital processing of images of chromatographic plates*, **29th International Symposium on Chromatography (29th ISC 2012)**, 9 - 13 Septembrie 2012, Toruń, Polonia.
 13. Casoni Dorina, Tuhuțiu (Sima) Ioana Anamaria, Sârbu Costel, *Lipophilicity of biogenic amines precursors, metabolites and related drugs estimated by RP-TLC and different computational methods*, **1st International Conference on Analytical Chemistry (RO - ICAC'2012), Analytical Chemistry for a Better Life**, 18 – 21 Septembrie 2012, Târgoviște, România,
 14. Cobzac Simona Codruța, Fazakas Alexandru, Casoni Dorina, Sârbu Costel, *Simultaneous determination of food synthetic dyes in gelatin desserts by using new Thin-Layer Chromatographic techniques and digital processing of images*, **Healthy nutrition and public health**, 13-16 mai 2011, Brașov, România.
 15. Casoni Dorina, Sârbu Costel, *Lipophilicity of Biogenic Amines Estimated by Thin-Layer Chromatography and Computational Methods*, **17th International Symposium on Separation Sciences**, 5-9 septembrie, 2011, Cluj-Napoca România.

Data
20.12.2024

Casoni Dorina