

LISTA PUBLICAȚIILOR

A. CĂRȚI ȘI CAPITOLE ÎN CĂRȚI DE SPECIALITATE (CU ISBN)

1. **C.L. Chițescu**, Metode moderne de analiză a reziduurilor compușilor farmaceutici. Ed. Zigotto, Galați, 2017. 167 pag. ISBN 978-606-669-254-0
2. **C.L. Chițescu**, G.E. Bahrim, A. Ene. High Resolution Mass Spectrometry-based Methods for Pharmaceuticals Monitoring in Water, Soil, Sediment Chapter 6. In ,’High-performance analytical techniques for the monitoring of toxic chemicals in environment. Methodological guide’’, 2021. Ed. Casa Cartii de Stiinta, pag. 65-84, ISBN 978-606-17-1848-1
3. E. Enachi, A. Ene, **C. L. Chițescu**. Contaminanți emergenți în mediu – efecte ecotoxicologice. Cap. 4 in Ghid metodologic ecotoxicologic de monitorizare a mediului: problematică, tehnici de laborator și investigarea riscului asupra sănătății. Ed. The Institute of Zoology, Republic of Moldova, Chisanau, 2021, pag. 73-93, ISBN 978-9975-157-79-7
4. E. Enachi, A. Ene, **C. L. Chițescu** Emerging contaminants in the environment – ecotoxicological effects. Ecotoxicological methodological guide for environmental monitoring: problematics, laboratory techniques and health risk investigation / BSB27-MONITOX, Joint Operational Programme Black Sea Basin, Institute of Zoology; Center of Research of Hydrobiocenoses and Ecotoxicology; editors: Elena Zubcov, Antoaneta Ene. – Chișinău: S. n., 2021, ISBN 978-9975-157-99-5.

B. ARTICOLE/STUDII IN EXTENSO PUBLICATE IN REVISTE INDEXATE ISI/BDI

Articole publicate în reviste cotate ISI

1. Ciucure C.T., Geana* E-I., **Chitescu C.L.**, Badea S.L., Ionete R.E. Distribution, sources and ecological risk assessment of polycyclic aromatic hydrocarbons in waters and sediments from Olt River dam reservoirs in Romania, *Chemosphere*, 2022. IF 8.943. <https://doi.org/10.1016/j.chemosphere.2022.137024>.
2. Fulga, I., Dragostin, O. M., **Chitescu, C.**, Irimia, I., Pîrăianu, A., Stamate, E., & Fulga, A. (2022). Lethal toxicity induced by combined ingestion of dietary acetic acid and carbamazepine. *Drug and Chemical Toxicology*, 1-5. IF. 2.597 <https://doi.org/10.1080/01480545.2022.2096057>.
3. Costea, L.; **Chițescu, C.*.**; Boscencu, R.; Ghica, M.; Lupuliasa, D.; Mihai, D.P.; Deculescu-Ioniță, T.; Duțu, L.E.; Popescu, M.L.; Luță, E.-A.; Nițulescu, G.M.; Olaru, O.T.; Gîrd, C.E. The Polyphenolic Profile and Antioxidant Activity of Five Vegetal Extracts with Hepatoprotective Potential. *Plants* 2022, 11, 1680. IF 4.684 <https://doi.org/10.3390/plants11131680>



4. Ștefan, C. S., **Chițescu, C. L.**, Manolache, N., Diaconu, C., Elisei, A. M., Beznea, A., & Fulga, I. The investigation of antimicrobial activity of some extracts from *Momordica Charantia* by using as solvent extraction an ionic liquid. *Farmacia Journal*, 2022, Vol. 70, 1, 144-150 IF 1.43. <https://doi.org/10.31925/farmacia.2022.1.21>.
5. Dragostin, I., Dragostin, O. M., Iacob, A. T., Dragan, M., **Chitescu, C. L.**, Confederat, L., & Zamfir, C. L. (2022). Chitosan Microparticles Loaded with New Non-Cytotoxic Isoniazid Derivatives for the Treatment of Tuberculosis: In Vitro and In Vivo Studies. *Polymers*, 14(12), 2310. IF 4.329, <https://doi.org/10.3390/polym14122310>.
6. **C. L. Chițescu**, A. Ene, E-I Geana, A.M.Vasile and C.T. Ciucure. Emerging and persistent pollutants in the aquatic ecosystems of the Lower Danube basin and North West Black Sea region – A review. *Appl. Sci.* 2021; 11(20), 9721. IF 2.679. <https://doi.org/10.3390/app11209721>.
7. Chiriac ER, **Chițescu CL***, Geană E-I, Gird CE, Socoteanu RP, Boscencu R. Advanced Analytical Approaches for the Analysis of Polyphenols in Plants Matrices—A Review. *Separations*. 2021; 8(5):65. IF 2.777, <https://doi.org/10.3390/separations8050065>.
8. Chiriac, E.R.; **Chițescu, C.L***; Sandru, C.; Geană, E.-I.; Lupoae, M.; Dobre, M.; Borda, D.; Gird, C.E.; Boscencu, R. Comparative Study of the Bioactive Properties and Elemental Composition of Red Clover (*Trifolium pratense*) and Alfalfa (*Medicago sativa*) Sprouts during Germination. *Appl. Sci.* 2020, 10, 7249. doi:10.3390/app10207249. <https://www.mdpi.com/2076-3417/10/20/7249>. IF 2.47.
9. Chiriac, E.R.; **Chițescu, C.L***; Borda, D.; Lupoae, M.; Gird, C.E.; Geană, E.-I.; Blaga, G.-V.; Boscencu, R. Comparison of the Polyphenolic Profile of *Medicago sativa* L. and *Trifolium pratense* L. Sprouts in Different Germination Stages Using the UHPLC-Q Exactive Hybrid Quadrupole Orbitrap High-Resolution Mass Spectrometry. *Molecules* 2020, 25, 2321. IF 3.267. <https://www.mdpi.com/1420-3049/25/10/2321>.
10. Blaga, G. V., **Chițescu***, **C. L.**, Lisă, E. L., Dumitru, C., Vizireanu, C., & Borda, D. (2020). Antifungal residues analysis in various Romanian honey samples analysis by high resolution mass spectrometry. *Journal of Environmental Science and Health, Part B*, 55(5), 484-494 . IF 1.697 <https://www.tandfonline.com/doi/abs/10.1080/03601234.2020.1724016>
11. **C.L Chitescu**, E.L. Lisa, I. Fulga, E. Paltenea, M. Moraru, C.V. Georgescu, I.C. Vasile. Comparative Study of Drug Interactions in Benzodiazepine Associated Deaths, *Rev. Chim.* 2018, 69(10): 2768-2775. IF = 1.605 <http://www.revistadechimie.ro/pdf/34%20CHITESCU%2010%2018.pdf>.
12. M. Moraru, **C.L. Chitescu***, A. Nechita, L. A. Macovei, I. Fulga. LC-High-resolution MS Analysis of the Designer Drugs Methylenedioxy-Pyrovalerone (MDPV) and Methylenedioxy-alpha-pyrolidinobutyrophenone (MDPBP) and Their Main Metabolites in Human Urine. *Rev. Chim.* 2018, 69(10):2916-2920. IF = 1.605 www.revistadechimie.ro/pdf/65%20MORARU%20p%2010%2018.pd.
13. **C. L., Chitescu**, Radu, A. D., F. Aciu, M. Moraru, I. Fulga, I. New psychoactive substances (NPSs) abuse in Romania: analytical strategies for drug screening in biological samples using high resolution mass spectrometry. *Romanian journal of legal medicine*, 2018. 26(2), 173-182. IF = 0.488. . <http://www.rjlm.ro/system/revista/46/173-182.pdf>.
14. C. S. Ștefan, V. Lupascu, E. L. Lisa, O. M. Dragostin, E R Chiriac, **C. L. Chitescu**. Determination of Total Polyphenols from *Momordica Charantia* using Ionic Liquid-Assisted

- Solvent Extraction. Proceedings of The Romanian National Congress of Pharmacy – 17th Edition, Bucharest, Romania, 26th-29th September 2018, p. 209-213. Filodiritto Editore – Proceedings, Bologna, 2018, ISBN 978-88-85813-28-1 (indexed ISI in 2019)
15. **C. L. Chițescu**, M. Lupoae, A.M. Elisei. Pharmaceutical residues in the environment. New european integrated programs required. *Revista de Chimie* 2016; 67(4):1008-1013, ISSN 0034-7752. IF = 1.232.
<http://www.revistadechimie.ro/pdf/CHITESCU%20%20C%20%205%2016.pdf>.
 16. **C. L. Chițescu**, G. Kaklamanos, A. I. Nicolau, A. A. M. (Linda) Stolker. High Sensitive Multiresidue Analysis of pharmaceuticals and antifungals in surface water using U-HPLC - Q - Exactive Orbitrap HRMS. Application to the Danube River Basin on Romanian Territory. *Science of the Total Environment*, 2015; 532:501–511, ISSN: 0048-9697, IF= 4.51. DOI:[10.1016/j.scitotenv.2015.06.010](https://doi.org/10.1016/j.scitotenv.2015.06.010).
 17. **C. L. Chițescu**, A. I. Nicolau. Preliminary Survey of Pharmaceutical Residues in Some Important Romanian Rivers. *Toxicological & Environmental Chemistry*, 2015; 96(9):1333-1345, ISSN: 0277-2248, IF = 0.83.
<http://www.tandfonline.com/doi/abs/10.1080/02772248.2015.1005092>.
 18. **C. L. Chițescu**, A. I. Nicolau, H.J. van der Fels-Klerx. Quantitative modelling to estimate the transfer of pharmaceuticals through the food production system. *Journal of Environmental Science and Health, part B*, 2014; 49(7):457-67, ISSN: 0360-1234, IF 1.469.
<http://www.tandfonline.com/doi/abs/10.1080/03601234.2014.896659>.
 19. **C. L. Chițescu**, A. Nicolau, A. A. M. (Linda) Stolker. Uptake of oxytetracycline, sulfamethoxazole and ketoconazole from fertilized soils by plants. *Food Additives & Contaminants part A*, 2013; 30(6):1138-46. . ISSN: 1944-0049, IF 2.602.
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 20. **C. L. Chițescu**, E. Oosterink, J. de Jong, A. A. M. (Linda) Stolker. Accurate mass screening of pharmaceuticals and fungicides in water, by U-HPLC-Exactive Orbitrap MS. *Analytical and Bioanalytical Chemistry*, 2012; 403(10): 2997-3011. ISSN: 1618-2642, IF 3.778.
<https://link.springer.com/article/10.1007/s00216-012-5888-8>.
 21. **C. L. Chițescu**, E. Oosterink, J. de Jong, A. A. M. (Linda) Stolker. Ultrasonic or accelerated solvent extraction followed by U-HPLC-high mass accuracy MS for screening of pharmaceuticals and fungicides in soil and plant samples, *Talanta* 2012; 88: 653-662. ISSN: 0039-9140, IF 3.826. <https://doi.org/10.1016/j.talanta.2011.11.054>.
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<http://www.tandfonline.com/doi/abs/10.1080/19440049.2011.577098>.

Articole publicate în reviste cotate BDI

1. M Moraru, C. L **Chițescu**, S Moraru, I Fulga, A Nechita. **2015**. Case presentation an unusual suicide due to ingestion of lidocaine and diazepam in a young adult with takotsubo cardiomyopathy—a case report and literature review. *Annals of “Dunărea de Jos” University of Galați Medicine*, Fasc. XVII, no 1, ISSN 1583-2074; revistă acreditată CNCSIS categoria B+ (cod 931). http://medugal.ro/cuprins/1_2015.pdf



2. M Moraru, C. L. **Chitescu**, I Fulga, A Nechita. **2015**. Case presentation a fatal case of multiple drug abuse. *Annals of "Dunărea de Jos" University of Galați Medicine*, Fasc. XVII, no 1, ISSN 1583-2074; revistă acreditată CNCSIS categoria B+ (cod 931). http://medugal.ro/cuprins/1_2015.pdf
3. **C. L. Chitescu**, D. Borda, L. Dumitrașcu, A. I. Nicolau, **2014**. Determination of polar pharmaceutical residues in water using gas chromatography–mass spectrometry. *Annals of "Dunărea de Jos" University of Galați, Fascicle II, Mathematics, Physics, Theoretical Mechanics* . **2014** Vol. 37, p10-16. . ISSN 2067-2071. Revistă acreditată CNCSIS categoria B+ (cod 214). http://www.phys.ugal.ro/Annals_Fascicle_2/Year2014/0CuprinsDT.htm
4. Paul Lupoae, Victor Cristea, Gabriela Gurau, **Carmen Chitescu**, Rodica Dinica, Mariana Lupoae, Tomas Kovalczuc. Comparison between lyophilized and classic dried samples of curly pondweed (*Potamogeton ceispus* L.) for in vitro antioxidant and antimicrobial evaluation, *Annals of "Dunărea de Jos" University of Galați, Fascicle II, Mathematics, Physics, Theoretical Mechanics*, Vol. 37, p10-16. . ISSN 2067-2071. Revistă acreditată CNCSIS categoria B+ (cod 214) **2014**, pag 58-64. http://www.phys.ugal.ro/Annals_Fascicle_2/Year2014/0CuprinsDT.htm
5. I. C. Prodan, I. Fulga, **C. L. Chitescu**, et. al. **2013**. Atypical combination-zopiclone and LPG in a case of planned complex suicide. *Annals of "Dunărea de Jos" University of Galați Medicine*, Fasc. XVII, no 1:115-119,. ISSN 1583-2074; revistă acreditată CNCSIS categoria B+ (cod 931). http://medugal.ro/nr%20curent%201%202011/1_2013.htm
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7. C. L. Chitescu, Anca Nicolau, 2011. Another point of view on side effects of antifungal compounds used in veterinary medicine, *Medicamentul Veterinar / Veterinary Drug*, 5 (1), 68-74 ISSN 1843-9527, indexata in baze de date BDI (Index Copernicus, Cite Factor, etc) <http://www.veterinarypharmacon.com/docs/929-2011-ART.5.pdf>.
8. C. L. Chitescu, Anca Nicolau, 2010. Contamination of food with residues of antibiotics in the sulphonamide class, risk can be avoided. *Medicamentul Veterinar / Veterinary Drug*, 4 (2), 1-11. ISSN 1843-9527, indexata in baze de date BDI (Index Copernicus, Cite Factor, etc) <http://www.veterinarypharmacon.com/docs/606-2010-%20ART.3.pdf>.

**C. ARTICOLE PUBLICATE ÎN REZUMAT ÎN REVISTE ȘI VOLUMELE UNOR
MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE SI NATIONALE
RECUNOSCUTE DIN ȚARĂ CU ISSN SAU ISBN**

1. **Chitescu C.L.**, Ene A., Geana E.-I., Vasile A.M. Ciucure C.T. Pollutants in the Aquatic Ecosystems of the Lower Danube and North Western Black Sea Basins. Keynote presentation la 23rd International Conference "New Cryogenic and Isotope Technologies for Energy and Environment"- EnergEn 2021, Băile Govora, Romania, October 26 – 29, **2021** ISSN: **2810-3203**



2. Ciucure T., **Chitescu C.L.**, Geana E-I. Multiclass organic contaminants residues in fish muscle tissue of different species collected from middle and lower course of the Olt River, Romania. Poster prezentat la 23rd International Conference "New Cryogenic and Isotope Technologies for Energy and Environment"- EnergEn 2021, Băile Govora, Romania, October 26 – 29, **2021**. ISSN: 2810-3203
3. **C.L. Chitescu**, A. Ene, G. Bahrim, E. Enachi. Pharmaceutical residues monitoring in surface water in Romania. Status and concerns. MONITOX International Conference "Environmental Toxicants in Freshwater and Marine Ecosystems in the Black Sea Basin", Kavala, GREECE, September 8th-11th, **2020**. Publisher: Organotiki OEEEditor: Thomas Spanos, Antoaneta Ene, Valasia Iakovoglou ISBN: 978-618-85036-0-1
4. E. Enachi, **C. Chițescu**, G. Bahrim, A. Ene. Highly sensitive multiresidue analysis of antibiotics and anti-inflammatory drugs from the aquatic ecosystems. Volum Abstracte. MONITOX International Conference "Environmental Challenges in the Black Sea Basin: Impact on Human Health", Galati, Romania, September 23rd-26th, **2020** Publisher: Casa Cartii de Stiinta, Cluj Napoca Editor: Antoaneta Ene, Liliana Teodorof ISBN: 978-606-17-1691-3
5. A. Ene, **C. L. Chitescu**, E.Carmona, G.Bahrim Ecological risk assessment of pharmaceuticals in aquatic ecosystems Volum abstracte: MONITOX International Conference "Environmental Challenges in the Black Sea Basin: Impact on Human Health", Galati, Romania, September 23rd-26th, **2020** Publisher: Casa Cartii de Stiinta, Cluj NapocaEditor: Antoaneta Ene, Liliana Teodorof.ISBN: 978-606-17-1691-3
6. M. Moraru, **C.L. Chitescu**, N. Ionescu, I. Fulga, Methemoglobinemie fatala indusa de expunerea la sulfametoxazol la un copil de 3 luni. Prezentare de caz. Poster prezentat la *Congresul National de Medicina Legala ed. XVIII*, Cheile Gradistei, 24-26 Mai, **2018**, Volum de rezumate, ISSN 2343-7529.
7. V. Mihalcea, I. Fulga, E.L. Lisa, **C.L. Chitescu**, Aplicatii ale cromatografiei de lichide pentru determinarea unor substante medicamentoase in probe post-mortem. *Congresul National Galmed – 2018*, Galati, 22-25 martie, **2018**. Volum de rezumate, ISSN 537-4907.
8. M. Lungu, A. Chiriac., **C.L. Chitescu**, Spectrometria de masa de inalta rezolutie utilizata cu succes pentru identificarea catinonelor sintetice in probe biologice. *Congresul National Galmed – 2018, Galati, 22-25 martie, 2018*. Volum de rezumate, ISSN 537-4907.
9. **C.L. Chitescu**, F. Alciu, I. Fulga, A.D. Radu, Application od High Resolutionn Mass Spectrometry for Toxicology of New Psychoactive Durgs (NPSs) in Biological Samples, Prezentare invitata la *Congresul National de Toxicologie*, ed II, 3-4 nov. **2017**, Bucuresti, Volum de rezumate ISSN 2601-1077.
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12. **C. L. Chițescu**, A. Nicolau, A. A. M. (Linda) Stolker. Uptake of pharmaceuticals from fertilized soils by plants; *EuroResidue VII Conference*, Egmond aan Zee, The Netherlands, 14-16 May, **2012**. Conference proceedings Book: Residues of veterinary drugs in food. Volume 1, pp.83-86. ISBN: 97894617331843.
13. **C. L. Chițescu**, A. A. M. (Linda) Stolker. The use of High Resolution MS in pharmaceuticals residue screening and its application to water samples from Romanian rivers. *1st International Conference on Analytical Chemistry RO-IAC"2012– Analytical Chemistry for a Better Life*, Targoviste, Romania, 18-21 Sept., **2012**. Book of Abstracts, pp 63-63. ISBN 978-973-712-705-1
14. **C. L. Chițescu**, E. Oosterink, J. de Jong, A. A. M. (Linda) Stolker. Accurate mass screening of pharmaceuticals and fungicides in water, by U-HPLC Exactive Orbitrap MS, *5th International Symposium on Recent Advances in Food Analysis – RAFA*, Prague, Czech Republic. **2011**. Book of Abstracts: pp. 377. ISBN: 978-80-7080-795-8.

D. ARTICOLE PUBLICATE ÎN REZUMAT ÎN REVISTE ȘI VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE SI NATIONALE FARA ISSN SAU ISBN

1. E.-I. Geană, C. T. Ciucure, **C L Chitescu**, A. M. Iordache, R. E. Ionete. Screening and target analysis of emerging organic contaminants in water and sediments using U-HPLC-Q-Exactive Orbitrap HRMS. Case study of middle and lower course of Olt river, Romania. 9th Edition of Scientific Conference of Doctoral Schools-UDJG, 10th - 11th of June **2021**. Galati, Romania.
2. Blaga*G.V., **Chitescu C.L.**, Borda D., Vizireanu C. Evaluation of pesticide residues in honey from different geographic regions of Romania using U-HPLC-Q-EXACTIVE ORBITRAP HRMS Presentare orală la: World Congress and Expo on Nutrition Science and Food Chemistry, 16-17 Septembrie **2020**, Barcelona, Spania.
<https://scientifictechnovisions.com/2020/?event=nutritionalscience>.
3. Blaga G.V., Chiriac E.R.*, **Chitescu C.L.**, Borda D., Vizireanu C. Comparative analysis of polyphenolic compounds in red clover (*Trifolium pratense*) and alfalfa (*Medicago sativa*) sprouts by UHPLC –ESI / HRMS / MS. Presentare orală la: World Congress and Expo on Nutrition Science and Food Chemistry, 16-17 Septembrie **2020**, Barcelona, Spania.
<https://scientifictechnovisions.com/2020/?event=nutritionalscience>.
4. Monica Moraru, **Carmen Lidia Chitescu**. Modern analytical approaches in drug abuse testing. Poster prezentat la: Project system of Complex SEM analysis. International Conference. Prague, 18 - 19 November **2019**
5. Roxana Vlasie, **Chitescu C L**, Lisa E. Importanța preparării probelor în analiza cantitativă și calitativă a compușilor farmaceutici din probe biologice prin cromatografie de lichide. Presentare orală la GALMED **2019**; Congres Național cu participare internațională pentru studenți, farmaciști și medici, rezidenți 21-24 martie, Galati
6. M. Moraru, **C. L. Chitescu**, L. A. Moroianu, Iuliu Fulga, Pica Syndrome in an Institutionalized 32-Year-Old Female With Psychiatry Pathology an Unusual Postmortem Case Diagnostic, *Conferința Clujeană de Medicină Legală*, Cluj, **2018**

7. I. Fulga, M. Moraru, **C. L. Chitescu**, L. A. Moroianu, Diagnostic postmortem al sindromului PICA la o persoană cu patologii psihiatrice. Raport de caz, Prezentare orală la: *Conferința Regională Zilele Medicale de la Dunărea de Jos 1-2 nov. 2018*, Galați-Braila.
8. G.V. Blaga (Costea), **C. L. Chitescu**, C. Vizireanu, Application of UHPLC-Q-Exactive Orbitrap HRMS in antifungal residues detection in honey. Poster prezentat la *Conference AGRI-FOOD 2017 "Agriculture and food for the XXI century"* May 11-13, **2017**, Sibiu, Romania.
9. **C. L. Chitescu**, A. Doina Radu, F. Aciu, I. Fulga. Analytical strategies to identify new psychoactive substances using LC-High-Resolution MS. Poster prezentat la: *National Congress of Legal Medicine*, Murighiol, România, 25-27 Mai, **2017**.
10. **C. L. Chitescu**, G. Kaklamanos, A. I. Nicolau, A. A. M. (Linda) Stolker. High Sensitive Multiresidue Analysis of pharmaceuticals and antifungals in surface water using U-HPLC - Q - Exactive Orbitrap HRMS. Application to the Danube River Basin on Romanian Territory. Poster prezentat la: *Euroanalysis*, Bordeaux, Franța, 06-10 Septembrie **2015**.
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16. M. Moraru, **C. L. Chitescu**, I. Fulga. Consecințele fatale ale abuzului multiplu de substanțe psihoactive. Raport de caz. Prezentare orală la *Congresul Național de Medicină Legală, Sinaia România*, Mai **2014**.

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Semnătura:

