

**UNIVERSITATEA NAȚIONALĂ DE ȘTIINȚĂ SI TEHNOLOGIE POLITEHNICA
BUCUREȘTI**

Centrul Universitar Pitești

Facultatea de Științe, Educație Fizică și Informatică

Departamentul de Științe ale Naturii

LISTA DE LUCRĂRI
a cadrului didactic DOBRESCU CODRUȚA MIHAELA

A. Teza de doctorat

Cercetarea briofitelor din Bazinul Râului Vâlsan. Taxonomie. Morfoanatomie. Corologie, Universitatea din Pitești, domeniul Biologie, 2010., Biologie, 2010

B. Cărți și capitole în cărți publicate în perioada 2000 - 2025

B2. Cărți și capitole în cărți de specialitate naționale ca autor (cu ISBN intern)

1. *TESTE GRILĂ (I) pentru admiterea la specializarea BIOLOGIE (BIOLOGIE VEGETALĂ ȘI ANIMALĂ)*, Editura Universității din Pitești, 2003

2 Dobrescu Codruța – Mihaela, Drăghici Bibica, *SISTEMATICA PLANTELOR INFERIOARE*, Editura Universitaria din Craiova, I.S.B.N. 973-742-510-3; 978-973-742-510-2.

3. *Conservarea diversitatii pteridofitelor din Valea Valsanului*, Editura Universitatii din Pitesti, ISBN 978-606-560-221-2., 2011

4. Dobrescu Codruța Mihaela, *Ghidul de monitorizare a speciilor de plante de interes comunitar din România*, Editura Dobrogea, Constanta, 2015. (TC_8_2015_DSN, TC_8_2015_DSN)

5. Soare L.C., Păunescu A., Dobrescu C.M., Neblea M. A., Dorobăț L.M., *Ferns – a valuable plant resource in modern research*, In *Development of plant extracts and innovative phytosynthesized nanostructures mixtures with phytotherapeutic applications, in order to reduce biocenotic stress in horticultural crops*, Development of plant extracts and innovative phytosynthesized nanostructures mixtures with phytotherapeutic applications, in order to reduce biocenotic stress in horticultural crops, editori Fierascu I., Fierascu R.C., Soare L.C., Ruse Press, ISBN 978-619-91466-2-0, 251 , 2021, (TC_4_2021_DSN)

6. Drăghiceanu O.A., Soare L.C., Șuțan N.A., Fierăscu I., Fierăscu R. C., Dobrescu C.M., *The use of Triticum test in the evaluation of the material's phytotoxicity*, Development of plant extracts and innovative phytosynthesized nanostructures mixtures with phytotherapeutic applications, in order to reduce biocenotic stress in horticultural crops, editori Fierascu I., Fierascu R.C., Soare L.C. Ruse Press, ISBN 978-619-91466-2-0, 2021, (TC_4_2021_DSN)

7. Dobrescu C.M., Dorobăț M. L., Neblea M. A., *Health, safety and environmental (HSE) management and risk mitigation of nanomaterials*, In Khan Z. & Șuțan N. A. (Eds.), *Nanoformulations for Sustainable Agriculture and Environmental Risk Mitigation*, CABI Publishing, 177-210., 2023, (TC_8_2023_DSN)

B5. Manuale didactice, suport de curs

1. Dobrescu Codruța Mihaela, *Sistematica fanerogamelor*, 2025
2. Dobrescu Codruța Mihaela, *Conservarea naturii*, 2025
3. Dobrescu Codruța Mihaela, *Sistematica criptogamelor*, 2025
4. Dobrescu Codruța Mihaela, *Plante medicinale*, 2025
5. Dobrescu Codruța Mihaela, *Cercetarea științifică în biologie*, 2025
6. Dobrescu Codruța Mihaela, *Taxonomie vegetală*, 2023
7. Dobrescu Codruța Mihaela, *Bioindicatori ai calității mediului*, 2025

B6. Îndrumare de laborator, culegere de probleme

1. Dobrescu Codruța Mihaela, *Sistematica Criptogamelor. Caiet de lucrări practice*, 2025
2. Dobrescu Codruța Mihaela, *Sistematica Fanerogamelor. Caiet de lucrări practice*, 2025
3. Dobrescu Codruța Mihaela, *Taxonomie vegetală. Caiet de lucrări practice*, 2023

4. Dobrescu Codruța, *Plante medicinale. Fișe de laborator*, 2025
5. Dobrescu Codruța, Dorobăț Leonard, *Bioindicatori ai calității mediului. Fișe de laborator*, 2025

C. Lucrări (articole) ISI / BDI publicate în perioada 2000 - 2025

C1. Articole în reviste cotate ISI Thomson Reuters

1. Soare Liliana Cristina, Emilia Vișoiu, Dobrescu Codruța Mihaela, *In vitro culture and regeneration of the fern Dryopteris affinis, species growing in a protected area*, Romanian Biotechnological Letters, vol. 15(1)(Supplement): 45-54. 2010.
2. Soare Liliana Cristina, Dobrescu Codruța Mihaela, Popescu Monica, Boeru A.G., *The Effects of Some Pesticides on Spore Germination and Gametophyte Differentiation in Athyrium filix-femina (L.) Roth. and Polypodium vulgare L.*, Not Bot Horti Agrobi, 41(2):458-462. 2013.
3. Soare L.C., Visoiu E., Bejan C., Dobrescu C.M., Fierascu I., Iosub I., Paunescu A., *Research on the in vitro bioaccumulation capacity of lead in some pteridophyte species of the romanian flora*, REV. CHIM. (Bucharest), 2015.
4. Șuțan, N. A., Paunescu, A., Topala, C., Dobrescu, C., Ponepal, M. C., Soare, L. C., Tamaian, R., *Aconitine in Synergistic, Additive and Antagonistic Approaches*. *Toxins*, 16(11), 460. 2024.
5. Pisculungeanu S.E., Soare L.C.; Luțu O.A., Păunescu A., Cîrstea G., Negrea A.D., Dobrescu C.M., Ionescu N.A., *Integrated Assesment of Silver Nanoparticles on Plant Growth and Cytogenotoxicity Using Triticum and Allium Bioassays*, Journal of Xenobiotics, 15(5), 147, 2025.
6. Luțu, O.A.; Vintilă N.A.; Soare L.C.; Dobrescu C.M., *Testing biological fertilizers useful for sustainable agriculture*, Scientific Papers. Series B, Horticulture, 69(1), 2025.

C3. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

1. Soare Liliana Cristina, Drăghici Bibica, Dobrescu Codruța Mihaela, *Researches upon the root anatomy at the species in the Lycopodiaceae family*, ACTA HORTI BOTANICI BUCURESTENSIS. 30:49-54 ISSN 0374-1273 ISBN 973-86364-2-6 Indexed Ulrich's Periodicals., 2003
2. Drăghici Bibica, Dobrescu Codruța Mihaela, Florea Mihaela, *Characterization of the useful flora within the Area Leordeni Commune (Argeș county)*, Lucrări științifice U.S.A.M.V.B., Seria B, Vol. XLVIII, București. (BDI: CABI, INDEX COPERNICUS, Ulrich's Periodicals Directory, Google Scholar, PBN (Polish Scholarly Bibliography), Scipio, Cite Factor (Academic Scientific Journals), Scientific Indexing Service), 2005
3. Alina Mihaela Vlăduțu, Codruța Mihaela Dobrescu, Gabriel Bratu, *The physical and chemical description and the analysis of the main perturbing factors of the Valsan hydrographic basin*, Analele Universității Oradea, Fascicula Biologie, Tom XII, I.S.S.N. 1224 – 5119, 2005
4. Soare Liliana Cristina, Dobrescu Codruța Mihaela, *Contribution to knowing the anatomy of the vegetative organs in Hedera L. (Araliaceae)*, Lucrări științifice. Seria Horticultura, Anul LI, vol. 51: 143-148, (BDI CABI), ISSN 1454-7376, Editura Ion Ionescu De La Brad, Iasi, 2008., 2008
5. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Contributii privind cunoasterea morfologiei si anatomiei speciilor de Polytrichaceae din bazinul raului Valsan.*, Analele Stiintifice ale Universitatii Alexandru Ioan Cuza, Iasi, Serie noua, Sectiunea II a – Biologie vegetala, Tom LIV, Supliment: 84-90. ISSN 1223-6578, 2008.
6. Soare Liliana Cristina, Dobrescu Codruța Mihaela, Popescu Maria Alina, *Influenta fungicidului Ridomil Gold Plus asupra cresterii, morfologiei si anatomiei radacinii de mazare – Pisum sativum L.*, Analele Stiintifice ale Universitatii Alexandru Ioan Cuza, Iasi, Serie noua, Sectiunea II a – Biologie vegetala, Tom LIV, Supliment: 143-150. ISSN 1223-6578, 2008.
7. Soare Liliana Cristina, Dobrescu Codruța Mihaela, *Anatomical peculiarities of stem and leaf in Euphorbia splendens*, Lucrări științifice. Seria Horticultura, Anul LII, vol. 52: 95-100, (BDI CABI), ISSN 1454-7376, Editura Ion Ionescu De La Brad, Iasi, 2009.
8. Soare Liliana Cristina, Dobrescu Codruța Mihaela, *Anatomical peculiarities of the vegetative organs in the species Kleinia repens*, Lucrări științifice, Seria B, Horticultură (Vol. LIII: 694-702, ISSN 1222-5312), 2009.
9. Soare Liliana Cristina, Dobrescu Codruța Mihaela, *Adaptation to the environment of the leaf of the brackenfern – Pteridium aquilinum (L.) Kuhn.*, Annals Food Science and Technology, vol 9(1): 131-136. (Index

Copernicus International, CABI, DOAJ, Medical Journals Links, Chemical Abstracts Service (CAS)), ISSN 2065-2828, 2009. , 2009

10. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Physiological effects of the species Glycine max L. in the seed stage*, Annals Food Science and Technology, vol 9(1): 80-85. (BDI: Index Copernicus International, CABI, DOAJ, Medical Journals Links, Chemical Abstracts Service (CAS)), ISSN 2065-2828, 2009

11. Soare L.C., Dobrescu Codruța Mihaela, *Research concerning the populations of Asplenium species in the Valsan Valley protected area*, Oltenia. Studii și comunicări. Științele naturii. Tom 26, No1/2010: 263-268. (BDI: Thomson Reuters Zoological Record, EBSCO, C.N.C.S.I.S. B+), ISSN 1454-6914, 2010., 2010

12. Soare Liliana Cristina, Dobrescu Codruța Mihaela, *Preliminary data on edaphic algae in the city of Pitești (Romania)*, Analele Universității din Oradea, Fascicula Biologie, Tom XVII, No1, 186-189. 2010

13. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Aspects regarding morpho-anatomy and chorology of Blindia acuta species in Romania*, Oltenia. Studii și comunicări. Științele naturii. Tom 26, No.2/2010: 23-26. (BDI: Thomson Reuters Zoological Record, EBSCO, C.N.C.S.I.S. B+), ISSN 1454-6914, 2010., 2010

14. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Researches on the algoflora of Lake Ostroveni*, Lucrări științifice. Seria Horticultura, Anul LII, vol. 53(1): 47-52, (BDI: CABI), ISSN 1454-7376, Editura Ion Ionescu De La Brad, Iasi, 2010. , 2010

15. Soare Liliana Cristina, Dobrescu Codruța Mihaela, *Potențialul ornamental al pteridofitelor autohtone*, Lucrări științifice, Vol.II: 120-129. ISBN 978-606-560-084-3, 2010. CAB Abstracts CABI Full Text Ulrich's Periodicals Directory, 2010

16. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Aspects regarding phytoplankton composition from Pecineagu dam*, Oltenia. Studii și comunicări. Științele Naturii. Tom. 27, No. 1/2011, 35-40. (BDI: Thomson Reuters Zoological Record, EBSCO, C.N.C.S.I.S. B+), ISSN 1454-6914, 2011. , 2011

17. Soare Liliana Cristina, Dobrescu Codruța Mihaela, Lascu Liana Elena, *The effect of industrial water on the germination of seeds and the development of seedlings of Pisum sativum L.*, Annals of West University of Timișoara, ser. Biology, vol.14(1), 65 – 72, (BDI: Copernicus), 2011. , 2011

18. Soare Liliana Cristina, Ferdes Mariana, Dobrescu Codruța Mihaela, *Species with potential for anthocyanins extraction in Argeș county flora*, Oltenia. Studii și comunicări. Științele naturii. Tom 27, No2/2011: 19-22. ISSN 1454-6914, 2011. , 2011

19. Soare Liliana Cristina, Dobrescu Codruța Mihaela, Boeru A.G., *Researches on the influence of several pesticides on the root of Cucumis sativus L.*, Lucrări științifice. Seria Horticultura, Anul LII, vol. 53 (1): 65-70, (BDI CABI), ISSN 1454-7376, Editura Ion Ionescu De La Brad, Iasi, 2010., 2011

20. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Researches on pteridophytes from Valsan Valley Protected Area (Argeș County, Romania)*, Analele Științifice ale Universității „Al. I. Cuza” Iași, S. II a Biologie vegetală, 58:2, 89-94, 2012, (TC_7_2012_DSN)

21. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Aspects on the Bryoflora of Ochiu Lake (Argeș County)*, Oltenia. Studii și comunicări. Științele naturii. Tom 28, No2/2012: 13-16, ISSN 1454-6914, 2012. (TC_8_2012_DSN)

22. Liliana Cristina Soare, Ionica Deliu, Ion Iosub, Codruța-Mihaela Dobrescu, Mariana Ferdeș, *New therapeutic formulations with an antibacterial effect, based on plant extracts*, Current Trends in Natural Sciences, vol 1/issue 2: 79-82, 2012., 2012, (TC_15_2012_DSN, TC_15_2012_DSN)

23. Liliana Cristina Soare, Codruța-Mihaela Dobrescu, Monica Neblea, *Diversity of pteridophytes in the protected area of Valsan Valley*, Current Trends in Natural Sciences, vol. 1, issue 1, p: 205-209, 2012, 2012, (TC_8_2012_DSN)

24. Soare Liliana Cristina, Dobrescu Codruța .Mihaela., Burtescu L., Șuțan Anca Nicoleta, *Research on the Influence of two Insecticides on the Gametophyte of some Leptosporangiate Pteridophytes*, Analele Științifice ale Universității „Al. I. Cuza” Iași, s. II a. Biologie vegetală, 59 (2) 5-12, 2013. , 2013, (TC_7_2013_DSN)

25. Soare Liliana Cristina, Dobrescu Codruța-Mihaela, POPESCU Anca Georgiana, *The influence of a copper-containing fungicide on the gametophyte of some non-target pteridophyte species*, Acta Horti Bot. Bucurest. 2013, 40: 49-56, 2013. , 2013, (TC_7_2013_DSN)

26. Soare Liliana Cristina, Dobrescu Codruța Mihaela, Drăghiceanu Oana Alexandra, *The response of pteridophyte spores and gametophytes to the presence of heavy metals in their culture media*, Analele

Universitatii din Craiova, Seria Biologie, Vol XVII (LIV):657-662, 2013., 2013, (TC_7_2013_DSN, TC_7_2013_DSN)

27. Soare Liliana Cristina, Dobrescu Codruța Mihaela, Diaconescu C.G., *Research on the influence of lead acetate on the gametophyte of some pteridophyte species*, Annals of West University of Timișoara, ser. Biology, vol XVII (1), 2014., 2014, (TC_5_2014_DSN, TC_5_2014_DSN)

28. Drăghiceanu Oana Andreea, Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Applications of pteridophytes in phytoremediation*, Current Trends in Natural Sciences, Vol. 3(6)68-73, (BDI: SCPIO, Index Copernicus Journal Master List, DOAJ), ISSN-L (online) 2284-953X, ISSN-L 2284-952, 2014, (TC_6_2014_DSN)

29. Dobrescu Codruța Mihaela, Liliana Cristina Soare, *Saxicole Bryophytes from Valsan Keys*, Current Trends in Natural Sciences Vol. 4, Issue 7: 95-99, (BDI: SCPIO, Index Copernicus Journal Master List, DOAJ), 2015. , 2015, (TC_4_2015_DSN)

30. Dorobăț Magdalín Leonard, Dobrescu Codruța Mihaela, *Study regarding the variation of two abiotic parameters (temperature and relative humidity) in the areas with limestone scree in the Leaota Massive*, Oltenia. Studii și Comunicări. Științele Naturii, Tom. 31, No. 1/2015: 193-198, 2015., 2015, (TC_9_2015_DSN)

31. Magdalín-Leonard Dorobăț, Codruța Mihaela Dobrescu, *Study on the dew point temperature in areas with superficial limestone underground environment (Scree) in the Ghimbav Area Leaota Mountains*, 2014, Current Trends in Natural Sciences Vol. 4, Issue 7: 88-94, 2015, (TC_9_2015_DSN,)

32. Daniela Bărbuceanu, Codruța Mihaela Dobrescu, Violeta Boruz, Asea Timuș, *Host plants and climatic preferences of the invasive species Metcalfa pruinosa (Say 1830) (Hemiptera: Flatidae) in some places from Southern Romania*, Current Trends in Natural Sciences Vol. 4, Issue 8: 13-22, 2015, (DSN, TC_9_2015_DSN)

33. Magdalín-Leonard Dorobăț, Codruța Mihaela Dobrescu, *Study on the dew point temperature in areas covered by colluvial mesovoid shallow substratum (crystalline schists scree) in the Leaota Mountains*, 2014, Current Trends in Natural Sciences Vol. 4, Issue 8: 110-116, (SCPIO, Index Copernicus Journal Master List, DOAJ), 2015., 2015, (TC_9_2015_DSN)

34. Oana Alexandra Drăghiceanu, Liliana Cristina Soare, Codruța Mihaela Dobrescu, *Influence of Heavy Metals on Gametophyte Differentiation in two Dryopteris species In Romania's Flora*, Current Trends in Natural Sciences Vol. 4, Issue 8: 37-44, 2015, (TC_9_2015_DSN)

35. Magdalín Leonard Dorobăț, Augustin Nae, Ionuț Popa, Codruța Mihaela Dobrescu, *Ecological factors in the colluvial mesovoid shallow substratum, limestone scree, Căpățâna Mountain (Leaota Massif), winter 2014-2015*, Studii și Cercetări, Biologie, Universitatea "Vasile Alecsandri" din Bacău, 25/1:38 – 42, 2016. , 2016, (TC_7_2016_DSN)

36. Leonard Magdalín Dorobăț, Codruța Mihaela Dobrescu, *Monitoring of ecological factors in the winter of 2014 - 2015 in the colluvial mesovoid shallow substratum from shale in the Leaota Massive.*, Muzeul Olteniei. Oltenia. Studii și comunicări. Științele Naturii. 2016, (TC_7_2016_DSN)

37. Leonard-Magdalín Dorobăț, Codruța Mihaela Dobrescu, *The need to extend the status of protected areas in the Leaota Mountains*, Current Trends in Natural Science, Vol. 5, Nr. 10, 2016, (TC_7_2016_DSN, TC_7_2016_DSN)

38. Leonard-Magdalín Dorobăț, Codruța Mihaela Dobrescu, *Anthropic impact in the western Leaota Mountains.*, Current Trends in Natural Science, Vol. 5, Nr. 10, 2016, (TC_7_2016_DSN)

39. Leonard-Magdalín Dorobăț, Codruța Mihaela Dobrescu, *Comparative study of relative humidity in the shallow subterranean habitats (limestone and shale substratum).*, Muzeul Olteniei Craiova. Oltenia. Studii și comunicări. Științele Naturii. Tom. 33, No. 1/2017, pp.187-192, 2017. (TC_3_2017_DSN)

40. Dorobăț Magdalín Leonard, Nițu Eugen, Popa Ionuț, Giurginca Andrei, Nae Augustin, Baba Ștefan, Dobrescu Codruța Mihaela., *Ecofaunistic researches on some taxonomic invertebrate groups of the edaphic fauna (shale lithosol) from Leaota mountains, 2014 -2015.*, Muzeul Olteniei Craiova. Oltenia. Studii și comunicări. Științele Naturii. Tom. 33, No. 2/2017, pp.107-114, 2017, (TC_3_2017_DSN)

41. Magdalín Leonard Dorobăț, Codruța Mihaela Dobrescu, Anca Gabriela Turtureanu, *The study of the porosity of the limestones in some of the scree in Leaota Massif.*, Current Trends in Natural Science, Vol. 6, Nr. 12, pp. 214-218., 2017, (TC_4_2017_DSN)

42. Magdalín Leonard Dorobăț, Augustin Nae, Ioana Nae, Codruța Mihaela Dobrescu, *New spiders (araneae) from the mesovoid shallow substratum (MSS) fauna, Leaota Mountains (Romania).*, Scientific studies and researches. Series Biology. University of Bacău. 26(2): 19-23., 2017, (TC_3_2017_DSN,)

43. Dorobăț M.L., Nitzu E., Popa I., Giurginca A., Nae A., Baba S., Dobrescu C.M., *Researches regarding the invertebrate fauna in the edaphic environment (limestone lithoclastic soil) in the Rudăriței Keys.*, Scientific studies and researches. Series Biology. University of Bacău. 26(2): 67-74., 2017, (TC_3_2017_DSN)
44. Anca Turtureanu, Leonard Magdalin Dorobăț, Codruța Mihaela Dobrescu, *Effects of some human activities in the water catchment area of Argeș, tributary river of the Danube.*, Journal of Danubian Studies and Research. Vol. 7, No. 1/2017, Galați. pp. 122-131., 2017, (TC_3_2017_DSN)
45. Anca Turtureanu, Leonard Magdalin Dorobăț, Codruța Mihaela Dobrescu, *Consequences of the flow regime changes of some tributary waters of the Danube and the sustainable administration of the water resource*, Journal of Danubian Studies and Research. Vol. 7, No. 1/2017, Galați. pp.132-143., 2017, (TC_3_2017_DSN)
46. Magdalin Leonard Dorobăț, Anca Gabriela Turtureanu, Codruța Mihaela Dobrescu, *RESEARCH ON THE POROSITY OF THE MESO-METAMORPHIC CRYSTALLINE SCHIST IN SOME SCREE IN LEAOTA MOUNTAINS*, Current Trends in Natural Sciences Vol. 7, Issue 13, pp. 170-175, 2018, 2018, (TC_4_2018_DSN)
47. Anca Turtureanu, Leonard Magdalin Dorobăț, Codruța Mihaela Dobrescu, *The Conservation of Romania's Biodiversity, a Fundamental Condition for the Sustainable Development*, Journal of Danubian Studies and Research. Vol. 8, No. 1/2018, Galați., 2018, (TC_4_2018_DSN)
48. Anca Turtureanu, Codruța Mihaela Dobrescu, Leonard Magdalin Dorobăț, *The Economic Quantification of the Ecologic Services of Forest Ecosystems*, Journal of Danubian Studies and Research. Vol. 8, No. 1/2018, Galați, 2018, (TC_4_2018_DSN)
49. Magdalin Leonard Dorobăț, Marian Martin Balta, Codruța Mihaela Dobrescu, *COMPARATIVE STUDY OF SOME GEOMECHANICAL PROPERTIES OF THE LIMESTONES AND SHISTS IN THE SCREES OF LEAOTA MASSIF (SOUTHERN CARPATHIANS, ROMANIA)*, Current Trends in Natural Sciences, 7(14), 12-21., 2018, (TC_4_2018_DSN)
50. Magdalin Leonard Dorobăț, Codruța Mihaela Dobrescu, *THE MINERALOGICAL ANALYSIS OF THE LIMESTONE IN THE NORTH-WESTERN AREA OF LEAOTA MASSIF SOUTHERN CARPATHIANS, ROMANIA*, Current Trends in Natural Sciences, 8(15), 162-168., 2019, (TC_5_2019_DSN)
51. Oana Alexandra Drăghiceanu, Irina Fierăscu, Radu Claudiu Fierăscu, Roxana Bradzis, Codruța Mihaela Dobrescu, Liliana Cristina Soare, *Considerations regarding the Triticum phytotoxicity test*, Current Trends in Natural Sciences, 8(15), 48-55., 2019, (TC_11_2019_DSN)
52. Magdalin Leonard Dorobăț, Codruța Mihaela Dobrescu, *Mineralogical Study of the Crystalline Schists of Leaota Masiff, Southern Carpathians, Romania*, Current Trends in Natural Sciences, 8(16), 181-189., 2019, (TC_3_2019_DSN)
53. Codruța Mihaela Dobrescu, Anca Turtureanu, Leonard Magdalin Dorobăț, *The Necessity to Expand the Surface of Protected Areas in Romania*, Journal of Danubian Studies and Research, Vol 9, No 2 (2019), pp. 37-47, ISSN: 2284-5224, 2019, (TC_3_2019_DSN)
54. Leonard Magdalin Dorobăț, Anca Turtureanu, Codruța Mihaela Dobrescu, *Hydro Energy Is Really a "Clean" Energy? Ecological Problems Generated by Hydropower Plants*, Journal of Danubian Studies and Research, Vol 9, No 2 (2019), ISSN: 2392 – 8050, 2019, (TC_3_2019_DSN)
55. Magdalin Leonard Dorobăț, Eugen Nitzu, Ionuț Popa, Andrei Giurginca, Augustin Nae, Ștefan Baba, Codruța Mihaela Dobrescu, *A Systematic Conspectus of the Invertebrate Species Identified in the Scree and Lithosol Areas From The North -Western Sector of The Leaota Mountains (Southern Carpathians), Romania*, "Scientific Studies and Researches.Biology" (SCSB), Number 2, Volume XXVIII, 2020 Code 2019, (TC_5_2019_DSN)
56. Magdalin Leonard Dorobăț, Codruța Mihaela Dobrescu, *Difficulties, errors and correction of them during the collection of samples or during the measuring of some ecological factors (temperature and relative humidity) on the field*, SCSB, Number 2, Volume XXVIII Code [ID]: SCSB201902V28S01A0015 [0005067], 2019, (TC_5_2019_DSN)
57. Magdalin Leonard Dorobăț, Codruța Mihaela Dobrescu, *Types of habitats on limestone and schist (metamorphic crystalline schists) geological substratum in Leaota Mountains, Southern Carpathians (Romania)*, Scientific Study & Research - Biology ISSN: Print ISSN: 1224-919Xel ISSN: 2457-5178; Code: SCSB;SCSB, Number 1, Volume XXVIII, 2019, (TC_1_2019_DSN)

58. Codruța Mihaela Dobrescu, Magdalin Leonard Dorobăț, *Researches on saxicolous bryophytes from the North – Western area of Leaota Mountains*, SCSB, Number 1, Volume XXVIII SCSB201901V28S01A0012 [0005037], 2019, (TC_3_2019_DSN)
59. Magdalin Leonard Dorobăț, Codruța Mihaela Dobrescu, *The Variation of Some Main Ecological Factors (Temperature And Relative Humidity) on Limestone Scree Surfaces, Ghimbav Mountain, Southern Carpathians (Romania)*, Scsb, Number 1, Volume XXVIII SCSB201901v28s01a0017 [0005042], 2019, (Tc_1_2019_DSN)
60. Liliana Cristina Soare, Ionel Marius Lincă, Codruța Mihaela Dobrescu, Oana Alexandra Drăghiceanu, *Researches Concerning the Differentiation of the Gametophyte of the Fern *Athyrium filix-femina* (L.) Roth Under the Influence of a Fungicide Based on Fosetyl-Al*, Scsb, Number 1, Volume XXVIII SCSB201901v28s01a0007 [0005032], 2019, (Tc_11_2019_DSN)
61. Oana Alexandra Drăghiceanu, Codruța Mihaela Dobrescu, Monica Popescu, Liliana Cristina Soare, *The Effects of Nickel on the Morphological and Biochemical Characteristics of Ferns*, SCSB, Number 1, Volume XXVIII SCSB201901v28s01a0010 [0005035], 2019, (Tc_11_2019_DSN)
62. Leonard Magdalin Dorobăț, Anca Turtureanu, Codruța Mihaela Dobrescu, *Some Aspects Regarding the Waste Pollution of Rivers in Romania*, Journal of Danubian Studies and Research Vol. 10 No. 2 (2020) Journal of Danubian Studies and Research, Publishing. Print ISSN: 2284 – 5224 Online ISSN: 2392 – 8050, 2020
63. Leonard Magdalin Dorobăț, Anca Turtureanu, Codruța Mihaela Dobrescu, *Some Considerations about the Economic Problems Generated by Hypertrophication in the Romanian Shore Area of the Black Sea*, Journal of Danubian Studies and Research Vol. 10 No. 2 (2020), 2020
64. Soare, L.C., Fierăscu, I., Fierăscu, R.C., Dobrescu, C.M., Șuțan, A.N., Drăghiceanu, O.A., *The Toxicity of Extracts with Bimetallic Nanoparticles on Ferns Spores Germination*, Current Trends in Natural Sciences, 9(18), 133-138. <https://doi.org/10.47068/ctns.2020.v9i18.018>, 2020, (TC_4_2020_DSN)
65. Drăghiceanu O.A., Șuțan A. N., Dobrescu C.M., Bătut D.N., Soare L.C., Topală C.M., *Characterization in Terms of Composition and Phytotoxicity of Aqueous Spores Extract*, Current Trends in Natural Sciences, 10(20), 53-60. <https://doi.org/10.47068/ctns.2021.v10i20.008>, 2021 (TC_2_2021_DSN)
66. Drăghiceanu O.A., Popescu M., Dobrescu C.M., Soare L.C., *Cadmium chronic exposure. Morphological and biochemical changes on the spores from *Athyrium filix-femina* (L.) Roth, *Dryopteris filix-mas* (L.) Schott and *Dryopteris affinis* (Lowe) Fraser-Jenkins.*, Current Trends in Natural Sciences, 10(19), 06-15. <https://doi.org/10.47068/ctns.2021.v10i19.001>, 2021 (TC_4_2021_DSN)
67. Turtureanu A., Dobrescu C.M., Dorobăț L.M., *Phytoremediation, a Cheaper and Ecological Alternative in Solving Historical Soil Pollution*, Journal of Danubian Studies and Research, Vol. 11 No. 2, 2021 (TC_13_2021_DSN)
68. Turtureanu A., Chitu F., Cretu C.M., Dorobăț L.M., Dobrescu C.M., *Climate Change and the Way to Sustainable Energy Use*, Acta Universitatis Danubius. Œconomica, Vol. 17 No. 5, 2021 (TC_13_2021_DSN)
69. Dorobăț M. L., Turtureanu A., Dobrescu C.M., *Extending the Use of Coal Beyond 2030, A Compromise Solution in the Case of Romania, to Ensure Energy Security*, Journal of Danubian Studies and Research (Print ISSN: 2284 – 5224; Online ISSN: 2392 – 8050), 2022 (TC_7_2022_DSN)
70. Dobrescu C.M., Turtureanu A., Dorobăț M. L., *Some Aspects of the Impact of Invasive Plants in Romania*, Journal of Danubian Studies and Research (Print ISSN: 2284 – 5224; Online ISSN: 2392 – 8050), 2022, (TC_8_2022_DSN)
71. Soare L.C., Șuțan A. N., Dobrescu C.M., Drăghiceanu O.A., *The Allelopathic Potential of *Erigeron annuus* (L.) Desf. Subsp. annuus Extracts on Crop Species*, Studii și Cercetări, Martie 2022, Biologie 31/1 39-43 Universitatea "Vasile Alecsandri" din Bacău, 2022 (TC_2_2022_DSN)
72. Drăghiceanu O.A., Dobrescu C.M., Șuțan A. N., Soare L.C., *The Effect of Spores Extracts with Green Synthesized Bimetallic Nanoparticles on *Cucumis sativus* L.*, Studii și Cercetări Martie 2022 Biologie 31/1 51-56 Universitatea "Vasile Alecsandri" din Bacău, 2022 (TC_3_2022_DSN)
73. Dobrescu C.M., Turtureanu A., Dorobăț L.M., *Algae as biological indicators of water pollution*, Journal of Danubian Studies and Research, Vol 13, issue no. 1, 2023, (TC_15_2023_DSN)
74. Dobrescu C.M., Turtureanu A., Dorobăț L.M., *Use of Plant Species as Pioneers of Colonization in Degraded or Polluted Lands in Romania*, Journal of Danubian Studies and Research, Vol 13, issue no. 1, 2023, (TC_10_2023_DSN)

75. Iancu (Greceanu) I.M., Tănase H.I., Dobrescu C.M., Dorobăț M.L., 2023. *The mechanism and biochemistry in oxidative stress a brief overview*. Current Trends in Natural Sciences, 12(24), 84-96. <https://doi.org/10.47068/ctns.2023.v12i24.009> (TC_14_2024_DSN)
76. Tănase, H. I., Dobrescu, C., Turtureanu, A. G., Soare, L. C., Dorobăț, M. L., Hangan, L. T., Bucur, L. A. (2024). *Global Scientific Collaboration in Elaeagnus angustifolia L. Research: An Analysis of Publication Patterns And Key Themes*. Current Trends in Natural Sciences, 13(26), 45-63.
77. Dorobăț, L.M., Turtureanu, A., Dobrescu, C.M., *The Serious Consequences of the Implementation of EU Policies regarding Biofuels*. Journal of Danubian Studies and Research, 14(1), 65–73, 2024 (TC_7_2024_DSN)
78. Dobrescu C.M., Turtureanu A., Popa I., Dorobăț, L.M., *Some Negative Implications of Tourism on the Environment*. Journal of Danubian Studies and Research, 14(1), 93–101, 2024 (TC_7_2024_DSN)
79. Luțu, O. A., Soare, L. C., Fierăscu, I., Fierăscu, R. C., Dobrescu, C. M., Păunescu, A., Șuțan, A. N. 2024. *Phytotoxicity, cytogenotoxicity and antimicrobial potential of extracts with gold-silver bimetallic nanoparticles obtained from pteridophyte spores*. Caryologia, 77(1), 65-82.
80. Tănase, H. I., Dobrescu, C. M., Dănilă, M., Dorobăț, M. L., Hangan, L. T., Bucur, L.A. 2025. *Research on the Carotenoid Content (Beta-Carotene and Lycopene) in the Fruits of Elaeagnus angustifolia L.* Current Trends in Natural Sciences, 14(27), 15-27.
81. Dobrescu, C. M., Turtureanu, A., Popa, I., & Dorobăț, M. L. D. 2025. *The Need to Standardize the Criteria for Classifying Protected Areas within the EU*. Journal of Danubian Studies and Research, 15(2), 57-66.
82. Dorobăț, M. L. D., Turtureanu, A., Popa, I., & Dobrescu, C. M. 2025. *Radon Pollution in Romania– A Serious and Insufficiently Known Problem*. Journal of Danubian Studies and Research, 15(2), 45-56.

D. Lucrări (articole) publicate în perioada 2000 - 2025 în reviste și volume de conferințe cu referenți (neindexate)

D1. Articole în reviste

1. Dobrescu Codruța Mihaela, Savu Ancuța, *Fitoterapia – o alternativă pentru viitor*, Sesiunea de Comunicări Științifice ”Studii și cercetări în educație fizică, antrenament sportiv și activitate psiho-medicală”; Editura Universității din Pitești; ISBN 973-9450-16-4., 2000.
2. Dobrescu Codruța Mihaela, *Tratamente naturiste în sprijinul traumatismelor la sportivi*, Conferința Internațională: Curricula Specifică Învățământului Superior, Pitești, ISSN: 1453-1194, vol II. , 2003.
3. Dobrescu Codruța Mihaela, *Modul de viață și importanța mușchilor*, Revista „Ecos 2004”, Editura Cultura, Pitești, ISSN 1222-4545. , 2004.
4. Alina Mihaela Vlăduțu, Codruța Mihaela Dobrescu, Gabriel Bratu, *The analysis of the main perturbing factors and the physical - chemical description of the Vâlsan hydrographic basin, in the condition of year 2005.*, Proceedings 36th International Conference of IAD. Austrian Committee DanubeResearch / IAD, Vienna. ISBN 13: 978-3-9500723-2-7. 2006, p. 410-414., 2006.
5. Dobrescu Codruța Mihaela, *Specii de muști cu structură particulară a frunzei*, Revista, “ECOS 2006”, Editura Cultura, Pitești, I.S.S.N. 1222 – 4545., 2006.
6. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *A contribution to the criptogamic flora from Vâlsan river's basin the Făgăraș mountains*, Proceeding of the 6th International Conference of Phd Students, University of Miskolc, Hungary: 177-182, 2007. 2007.
7. Dobrescu Codruța Mihaela, Liliana Cristina Soare, *Aspects regarding mossflora from the protected area Vâlsan Valley*, În Proceedings of the Second Conference Research People and Actual Tasks on Multidisciplinary Sciences, Lozenec, Bulgaria, 10-12 iunie 2009, Publisher Bulgarian National Multidisciplinary Scientific Network of the Professional Society for Research work, printing House Angel Kunchev University of Rousse, vol. 3: 206-210, ISSN 1313-7735, 2009.
8. Soare Liliana Cristina, Vișoiu E., Dobrescu Codruța Mihaela, *Ex situ and in situ conservation of pteridophytes biodiversity in the protected area Vâlsan Valley*, In Proceeding of the Second Conference Research People and Actual Tasks on Multidisciplinary Sciences, Lozenec, Bulgaria, 10-12 iunie 2009, Publisher Bulgarian National Multidisciplinary Scientific Network of the Professional Society for Research work, printing House Angel Kunchev University of Rousse, vol. 3: 237-242, ISSN 1313-7735, 2009, 2009
9. Alina Mihaela Vlăduțu, Dobrescu Codruța Mihaela, *The influence of the hydroelectrical construction on the physical-chemical and biological characteristics of the Dambovița River (Văcărești Dam)*,

Proceedings of the Second Conference Research People and Actual Tasks on Multidisciplinary Sciences, Lozenec, Bulgaria, 10-12 iunie 2009, ISSN 13137735, 2009.

10. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Importanța taxonomică a sporogonului, (Bryophyta)*, Natura, Seria III, vol. 53(1):30-42 (Societatea de Științe Biologie din România), ISSN: 1843-5858, 2011.

11. Dobrescu Codruța Mihaela, Liliana Cristina Soare, *The human impact and conservation on bryophytes from Valsan Valley protected area*, In Proceeding of the third International Conference Research People and actual tasks on multidisciplinary sciences, Lozenec, Bulgaria, 8-10.06.2011. Publisher Bulgarian National Multidisciplinary Scientific Network of the Professional Society for Research work, Vol. 3 (Social and human sciences. Economic Sciences. Ecology and Environment protection. Land and Water Use and Environment, Physics, Chemistry, Biology): 51-55, 2011.

12. Soare Liliana Cristina, I. Deliu, Dobrescu Codruța Mihaela, *Researches concerning microbiota in the fern rhizosphere from Valsan Valley protected area*, In Proceeding of the third International Conference Research People and actual tasks on multidisciplinary sciences, Lozenec, Bulgaria, 8-10.06.2011. Publisher Bulgarian National Multidisciplinary Scientific Network of the Professional Society for Research work, Vol. 3 (Social and human sciences. Economic Sciences. Ecology and Environment protection. Land and Water Use and Environment, Physics, Chemistry, Biology): 266-270, 2011.

13. Vișoiu E., L.C. Soare, Dobrescu Codruța Mihaela, *Aspects concerning the multiplication and in vitro conservation of the fern Polypodium vulgare L.*, In Proceeding of the third International Conference Research People and actual tasks on multidisciplinary sciences, Lozenec, Bulgaria, 8-10.06.2011. Publisher Bulgarian National Multidisciplinary Scientific Network of the Professional Society for Research work, Vol. 3 (Social and human sciences. Economic Sciences. Ecology and Environment protection. Land and Water Use and Environment, Physics, Chemistry, Biology): 223-227, 2011.

14. Dobrescu Codruța Mihaela, Soare Liliana Cristina, *Researches on bryophytes communities from the Vâlsan River Basin*, MARISIA XXXII STUDII ȘI MATERIALE ȘTIINȚELE NATURII, 75-79, Târgu-Mureș, 2012, Editura MEGA, ISSN 1016-9652, 2012.

15. Horia Ionuț Tănase, Codruța Mihaela Dobrescu, Anca Gabriela Turtureanu, Magdalin Leonard Dorobăț, Laurențiu-Tony Hangan, Laura Adriana Bucur, *Elaeagnus angustifolia L. in contemporary science: findings from a scientometric analysis*, 5th INTERNATIONAL CONGRESS ON KHAZAR SCIENTIFIC RESEARCH AND INNOVATION, December 26-28, 2024, Turkestan, Kazakhstan, FULL TEXTS BOOK VOLUME-1, ISBN - 978-625-378-092-0, 2024.

16. Dorobăț Magdalin Leonard, Turtureanu Anca Gabriela, Dobrescu Codruța Mihaela, Popa Ionuț, *Research on some abiotic ecological factors in the area of the mountains course of the Vâlsan River, Făgăras Mountain, Romania*, 5th INTERNATIONAL CONGRESS ON KHAZAR SCIENTIFIC RESEARCH AND INNOVATION, December 26-28, 2024, Turkestan, Kazakhstan, FULL TEXTS BOOK VOLUME-1, ISBN - 978-625-378-092-0, 2024.

Data: 20.01.2026