

LISTA CRONOLOGICĂ A LUCRĂRILOR DIDACTICE ȘI ȘTIINȚIFICE

Manuale didactice și cărți științifice publicate

1. Todoran, C., Duda, M., & Moldovan, C. (2010). *Produse alimentare agricole*. Editura Todescu, Cluj-Napoca, ISBN 78-606-595-004-7
2. Vârban, D., Muntean, S., & Moldovan, C. (2012). *Fitotehnie, plante tehnice*. Ed. Bioflux, Cluj-Napoca, ISBN 978-606-8191-34-8
3. Muntean, L. S., Cernea, S., Morar, G., Duda, M., Vârban, D., Muntean, S., & Moldovan, C. (2014). *Fitotehnie*. Ed. Risoprint, Cluj-Napoca, ISBN 978-973-53-1273-2
4. Oroian, C., Moldovan, C., & Ghețe, A. (2017). *Plante medicinale și aromatice*. Editura Bioflux, Cluj-Napoca, ISBN 978-606-8887-11-1
5. Muntean, S., Duda, M., Moldovan, C., & Ghețe, A. (2018). *Fitotehnie*. Ed. Risoprint, Cluj-Napoca, ISBN 978-973-53-2274-8
6. Moldovan, C. (2021). *Fitotehnie*. Ed. AcademicPres, Cluj-Napoca, ISBN 978-973-744-924-5
7. Moldovan, C., Vidican, R., & Mălinaș, A. (2022). *Elemente tehnologice la grâu, porumb, floarea-soarelui și rapiță*. Ed. AcademicPres, Cluj-Napoca, ISBN 978-973-744-950-4
8. Moldovan, C. (2024). *Culturi agricole specifice zonei montane*. Ed. AcademicPres, Cluj-Napoca, ISBN 978-630-309-131-0
9. Moldovan, C., Vidican, R., & Mălinaș, A. (2025). *Mazărea, o cultură profitabilă și sustenabilă*. Ed. AcademicPres, Cluj-Napoca, e-978-630-309-150-1

Articole cotate sau indexate ISI ca autor principal (prim-autor/corresponding)

1. Mălinaș, A., Vidican, R., Rotar, I., Mălinaș, C., Moldovan, C. M., & Proorocu, M. (2022). Current status and future prospective for nitrogen use efficiency in wheat (*Triticum aestivum* L.). *Plants-Basel*, 11(2). WOS:000749884700001, <https://doi.org/10.3390/plants11020236>, IF 4
2. Corcoz, L., Păcurar, F., Vaida, I., Pleșa, A., Moldovan, C., Stoian, V., & Vidican, R. (2022). Deciphering the colonization strategies in roots of long-term fertilized *Festuca rubra*. *Agronomy-Basel*, 12(3). WOS:000775558600001 <https://doi.org/10.3390/agronomy12030230>, FI 3.30.
3. Moldovan, C., Nițu, S., Hermeziu, M., Vidican, R., Sandor, M., Gâdea, Ș., David, A., Stoian, V. A., Vâtca, S. D., & Stoian, V. (2022). Growth characteristics of *Dracoce phalum moldavica* L. in relation to density for sustainable cropping technology development. *Agriculture*, 12, 789. WOS:000816185700001, <https://doi.org/10.3390/agriculture12060789>, FI 3,3
4. Moldovan, C., Florian, V., Suci, L., Morea, A., Tărău, A., & Urdă, C. (2022). Influence of seed age on quality, germination and seed health in soybeans. *Scientific Papers. Series A. Agronomy*, 65(2). WOS:000905271500035, https://agronomyjournal.usamv.ro/pdf/2022/issue_2/Art35.pdf

Articole citate sau indexate ISI coautor

5. Oroian, C., Covrig, I., Odagiu, A., Mălinaș, C., & Moldovan, C. (2017). Effects of cultivation systems and environmental conditions on peppermint (*Mentha × piperita* L.) biomass yield and oil content. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 45(2). WOS:000411504400036, <https://doi.org/10.15835/nbha45210857>, FI 0,48,
6. Ghețe, A., Haș, V., Vidican, R., Copândeian, A., Ranta, O., Moldovan, C., Crișan, I., & Duda, M. (2020). Influence of detasseling methods on seed yield of some parent inbred lines of Turda maize hybrids. *Agronomy-Basel*, 10(5). WOS:000541750900066, <https://doi.org/10.3390/agronomy10050603>, FI 3,3
7. Mălinaș, A., Rotar, I., Vidican, R., Iuga, V., Păcurar, F., Mălinaș, C., & Moldovan, C. (2020). Designing a sustainable temporary grassland system by monitoring nitrogen use efficiency. *Agronomy-Basel*, 10(1). WOS:000513232600149, <https://doi.org/10.3390/agronomy10010023>, FI 3,30
8. Vâtca, S. D., Stoian, V. A., Man, T. C., Horvath, C., Vidican, R., Gâdea, Ș., Vâtca, A., Rotaru, A., Vârban, R., Moldovan, C., & Stoian, V. (2021). Agrometeorological requirements of maize crop phenology for sustainable cropping—A historical review for Romania. *Sustainability*, 13, 7719. WOS:000677185100001, <https://doi.org/10.3390/su13147719>, FI 3,3
9. Vidican, R., Mălinaș, A., Ranta, O., Moldovan, C., Marian, O., Ghețe, A., Ghișe, C. R., Popovici, F., & Cătunescu, G. M. (2023). Using remote sensing vegetation indices for the discrimination and monitoring of agricultural crops: A critical review. *Agronomy*, MDPI., WOS:001130905600001, <https://doi.org/10.3390/agronomy11111170>, FI 3,30
10. Pop-Moldovan, V., Corcoz, L., Stoian, V., Moldovan, C., Pleșa, A., Vâtcă, S., & Vidican, R. (2022). Models of mycorrhizal colonization patterns and strategies induced by biostimulator treatments in *Zea mays* roots. *Frontiers in Plant Science*, 13. WOS:000892739800001, <https://doi.org/10.3389/fpls.2022.774567>, FI 4,1
11. Plesa, A ; Vidican, R; Stoian, V ; Ghețe, A; Moldovan, C; Florian, V; Florian, T; Ranta, O; Marian, O, 2019, Behaviour of some Maize Hybrids Under Cojocna Conditions, Proceedings of the International Scientific Congress - Life Sciences, a Challenge for the Future, WOS:000747623800012, <https://www.uaiasi.ro/congres/fisiere/Volum-Congres-2019.pdf>
12. Todoran, C., Morar, G., Florian, T., & Moldovan, C. (2011). Research regarding the influence of the calibres and seeds treatment on the seeds germination interaction with genotype. *Scientific Papers, UASVM Bucharest, Series A*, 54, 314–319. ISSN 1222-5339. WOS:000416369200051, https://agro-bucuresti.ro/site-vechi/english/images/Proiecte/2011/51_Research_regarding_the_influence_of_the_calibres_and_the_seeds_treatment_on_the_seeds_germination_in_interaction_with_the_genotype.pdf

Lucrări BDI prim autor sau autor corespondent

13. Neag (Moldovan), C.-M., Morar, G., Todoran, C.-F., Gheolțan, O. O., & Flutur, R. (2008). Research of influence of photoperiod about potato tuberisation. *Buletinul USAMV Cluj-Napoca, Agriculture*, 65(1), 376. pISSN 1843-5246; eISSN 1843-5386, <https://openurl.ebsco.com/EPDB%3Aagcd%3A7%3A24950215/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Aagcd%3A37587148&crl=c.>

14. Neag (Moldovan), C.-M., Morar, G., Vâțca, S., & Todoran, C.-F. (2009). Research regarding the influence of some biological factors upon potato tuberisation. *Buletinul USAMV-CN, Agricultură*, 66(1), 411–418. ISSN 1843-5246., <https://doi.org/10.15835/buasvmcn-agr:4279>.
15. Moldovan, C., Morar, G., Vâțca, S., & Todoran, C. (2010). Potato stolonization and tuberization in different ecological conditions. *Buletinul USAMV Cluj-Napoca, Seria Agricultură*, 67(1), 198–203. ISSN 1843-5246, <https://doi.org/10.15835/buasvmcn-agr:5033>.
16. Moldovan, C., Morar, G., Vâțca, S., & Todoran, C. (2010). Research concerning the behavior of some potato varieties in different photoperiodic conditions. *Buletinul USAMV Cluj-Napoca, Seria Agricultură*, 67(1), 338. ISSN 1843-5246.
https://www.academia.edu/87182470/Research_Concerning_the_Behaviour_of_Some_Potato_Varieties_in_Different_Photoperiodic_Conditions
17. Moldovan, C., Morar, G., Vâțcă, S., Todoran, F., 2010, Research Concerning the Behaviour of Some Potato Varieties in Different Photoperiodic Conditions, *Buletinul USAMV Cluj-Napoca, Agriculture*, 7,1, 338, <https://doi.org/10.15835/buasvmcn-agr:5133>
18. Moldovan, C., Morar, G., Vâțca, S., & Todoran, F. (2011). Research concerning the influence of photoperiod upon potato stolonization and tuberization. *Buletinul USAMV Cluj-Napoca, Seria Agricultură*, 68(1), 224–230. ISSN 1843-5246., <https://doi.org/10.15835/buasvmcn-agr:6445>.
- Moldovan, C., Morar, G., Vâțca, S., & Todoran, F. (2011). Potato fertility under photoperiod influence. *Agricultura – Știință și practică*, 3–4(79–80), 26–28.
<https://www.cabidigitallibrary.org/doi/full/10.5555/20123081220>
19. Moldovan, C., Morar, G., & Todoran, F. (2012). Research concerning the biological category of seed potatoes upon tuberization process. *Buletinul UASVM*, 69(1), 53–57. ISSN 1843-5246.
https://www.researchgate.net/publication/357288866_Research_Concerning_the_Biological_Category_of_Seed_Potatoes_upon_Tuberization
20. Moldovan, C., Morar, G., Duda, M., Todoran, C., Dan, I., & Vitoș, I. (2012). Research concerning the storage conditions upon potato stolonization and tuberization. *Agricultura – Știință și practică*, 3–4(83–84), 38–44. <http://journals.usamvcj.ro/agricultura>
21. Moldovan, C., Morar, G., Todoran, F., 2012, Research Concerning the Biological Category of seed Potatoes upon Tuberization Process, *Bulletin UASVM Agriculture*, 69 (1), 53-57, .
<https://doi.org/10.15835/buasvmcn-agr:8654> .
22. Moldovan, C., Morar, G., Duda, M., & Todoran, C. (2014). Potato tuberization in long photoperiodic conditions. *Revista Agricultură – Știință și practică*, 3–4(91–92), 23–31.
<https://www.cabidigitallibrary.org/doi/full/10.5555/20153085687>.
23. Moldovan, C., Morar, G., Duda, M., Ugrutan, F., Brașovean, I., Oroian, C., & Ghețe, A. (2015). Cropping behavior of some sugar beet varieties in Transylvanian plain conditions. *Revista Agricultură – Știință și practică*, 3–4, 40–43. <http://journals.usamvcluj.ro/index.php/agricultura>.
24. Moldovan, C., Duda, M., Vârban, D., Oroian, C., Ratyis, M., Gâdea, Ș., Ghețe, A., Vâțcă, A., & Vâțcă, S. (2017). Researches on the hail effect on maize yield. *Agriculture – Science and Practice*, 3–4(103–104). <https://journals.usamvcluj.ro/index.php/promediu/article/view/12893>.
25. Moldovan, C., Pop, M., Duda, M., Vârban, D., Muntean, S., Oroian, F., & Ghețe, A. (2017). Research concerning the behavior of some maize hybrids in Satu Mare County. *ProEnvironment*, 10, 234–237. <https://journals.usamvcluj.ro/index.php/promediu/article/view/12893>
26. Moldovan, C., Maurer, R., Ghețe, A., Morar, G., Oroian, C., Duda, M., Vârban, D., & Muntean, S. (2018). Research concerning the pretability for cultivation of sweet potato (*Ipomoea batatas*) in the Satu Mare County, Romania. *AAB Bioflux*, 10(3). <http://www.aab.bioflux.com.ro>.

27. Ghețe, A. B., Duda, M. M., Vârban, D. I., Vârban, R., Moldovan, C., & Muntean, S. (2018). Maize (*Zea mays*), a prospective medicinal plant in Romania. *Hop and Medicinal Plants*, 26(1–2). Ed. AcademicPres, Cluj-Napoca.
<https://ftp.sarmiscomex.ro/index.php/hamei/article/view/13231>
28. Moldovan, C., Bărdaș, M., Ghețe, A., Cornea, R., Morar, G., & Oroian, C. (2020). Research on the identification of potato genotypes suitable for cultivation under the conditions of the new climatic changes. *ProEnvironment*, 13, 100–109.
<https://journals.usamvcluj.ro/index.php/promediu/article/view/14009>.
29. Suci, D. L., Vârban, D., Muntean, S., Moldovan, C., Horga, V., Mărginean, R., & Duda, M. M. (2022). The use of rapeseed for medicinal purposes. *Hop and Medicinal Plants*, 30(1–2). ISSN 2360-0179 (print), ISSN 2360-0187 (electronic).
<https://journals.usamvcluj.ro/index.php/hamei/article/view/14452>
30. Moldovan, C., Suci, L., Pleșa, A., Mălinaș, A., & Vidican, R. (2024). Research on the productive performance of some Romanian pea varieties in ecological and conventional systems. *Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Agriculture*, 81(2).
https://www.researchgate.net/publication/386259557_Research_on_the_Productive_Performance_of_Some_Romanian_Pea_Varieties_in_Ecological_and_Conventional_Systems

Lucrări BDI coautor sau autor

31. Paulette, L., Morar, G., Oroian, I., Sîrbu, C., Gheolțan, O., & Neag (Moldovan), C.-M. (2009). Protection and conservation of the soil properties influenced by organic agriculture system. *Buletinul USAMV Cluj-Napoca, Seria Agricultură*, 66(1), 425–432. ISSN 1843-5246.
https://www.academia.edu/71910561/Protection_and_Conservation_of_the_Soils_Properties_Influenced_by_the_Organic_Agriculture_System
32. Hodîșan, N., Morar, G., & Neag (Moldovan), C.-M. (2009). Research on the allelopathic effect between the invasive species *Ambrosia artemisiifolia* L. ("Floarea pusteii") and some agricultural crops. *Buletinul USAMV Cluj-Napoca, Seria Agricultură*, 66(1), 354–361. ISSN 1843-5246.
https://openurl.ebsco.com/EPDB%3Agcd%3A16%3A14562816/detailv2?sid=ebsco%3Aplink%3AAscholar&id=ebsco%3Agcd%3A48637316&crl=c&link_origin=scholar.google.ro
33. Todoran, C.-F., Morar, G., & Neag (Moldovan), C.-M. (2009). Research concerning the sowing depth on the sprouting rhythm and growing vigour in maize plants. *Buletinul USAMV-CN, Agricultură*, 66(1), 570. ISSN 1843-5246.
https://d1wqtxts1xzle7.cloudfront.net/78660849/3929-libre.pdf?1642141219=&response-content-disposition=inline%3B+filename%3DResearch_Concerning_the_Influence_of_the.pdf&Expires=1737310291&Signature=Kn2Ej0AJww0vYG4xIXhH-Pttb9tUPYiLhFQc6F8f17Rg1bI1OUHzbkvt1dpMkVibjJfs0Tl4QaN6XXGtHDwjcg0756RsqFd~asrlvOoA6qapT5jRrIWRy05DRUou6lrD2n9rOEu0Eu6bYAT7rZ9DNRr8sfxCRqwV8nFX9SkPktvasnJhLqIkJRfTlwP6MBsWUZBN2A6CzJIM6C5IY4YFZCbaYK~FFhFqP7~1UGaoYwsrdvfi oHA01oOuOjB8Oqe7z939ls-iQmKVmAk4Chl3ECV4m~ZTun1gDU2LJy0yQfh1iY-Vw2tAx9ru2Bzjtj28EHpnaYMQtsiah9IducFA_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA

34. Todoran, C., Morar, G., Florian, T., Florian, C. V., & Moldovan, C. (2011). Research regarding the calibre influence on the depth of the seeding on the raising rhythm and growth vigour at the main hybrids cultivated in Transylvania. *Research Journal of Agricultural Science*, 43(1), 199–206. <https://openurl.ebsco.com/EPDB%3Agcd%3A10%3A13382874/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A67158465&crl=c> .
35. Todoran, C., Morar, G., Florian, T., Moldovan, C., & Florian, V. (2011). Results regarding germination and percent of the raising plants under the influence of biotic and abiotic factors. *ProEnvironment*, 4, 215–219. <https://ftp.sarmiscomex.ro/index.php/promediu/article/view/8122/6914>
36. Dan, A. I., Duda, M. M., & Moldovan, C. (2012). Research regarding the influence of plant density on the hemp seed productions (*Cannabis sativa* L.). *Agricultura – Știință și practică*, 3–4(83–84), 24–28. <https://www.cabidigitallibrary.org/doi/full/10.5555/20133096482>
37. Todoran, C., Florian, T., Moldovan, C., & Florian, V. (2012). Research on the vigor of corn hybrids appreciated by uniformity blossoming and production obtained. *Agricultura – Știință și practică*, 3–4(83–84), 51–55. <https://www.proquest.com/openview/ee3e1c4f29c8936cb52cc2815c717562/1?pq-origsite=gscholar&cbl=2046431>.
38. Vitoș, I. Z., Morar, G., Motica, R., Mike, L., & Moldovan, C. (2013). Research on the optimum shape and size of potato ridges. *Bulletin UASMV Serie Agriculture*, 70(1), 243–250. Cluj-Napoca, Romania. Print ISSN 1843-5246; Electronic ISSN 1843-5386. <https://pdfs.semanticscholar.org/f88c/ffda9093136947b8e1aada1e19e84476d7e5.pdf>
39. Duda, M. M., Matei, C. F., Vârban, D. I., Muntean, S., & Moldovan, C. (2013). The results of cultivating the species *Agastache foeniculum* (Pursh) Kuntze at Jucu, CJ. *Bulletin UASMV Serie Agriculture*, 70(1), 214–217. Cluj-Napoca, Romania. Print ISSN 1843-5246; Electronic ISSN 1843-5386. https://www.researchgate.net/profile/Sorin-Muntean/publication/304014414_The_Results_of_Cultivating_the_Species_Agastache_foeniculum_Pursh_Kuntze_at_Jucu_CJ/links/57630c8f08ae192f513e3e7a/The-Results-of-Cultivating-the-Species-Agastache-foeniculum-Pursh-Kuntze-at-Jucu-CJ.pdf
40. Vitoș, I. Z., Morar, G., Mike, L., & Moldovan, C. (2014). Research on the optimum shape and size of potato ridges – Partial results from trial year 2013. *Buletin USAMV*. Print ISSN 1843-5262; Electronic ISSN 1843-536X. https://openurl.ebsco.com/EPDB%3Agcd%3A14%3A14563598/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A99970253&crl=c&link_origin=scholar.google.ro
41. Dan, A. I., Duda, M. M., Moldovan, C., & Florian, T. (2014). The influence of different seeding space and organic fertilization level upon production and mass of 1000 seeds, recorded in some hemp varieties. *Buletin USAMV*. Print ISSN 1843-5246; Electronic ISSN 1843-5386. https://www.researchgate.net/profile/Teodora-Florian/publication/281434543_The_Influence_of_Different_Seeding_Space_and_Organic_Fertilization_Level_upon_Production_and_Mass_of_1000_Seeds_Recorded_in_Some_Hemp_Varieties

[s/links/5648dbb908ae9f9c13ebaada/The-Influence-of-Different-Seeding-Space-and-Organic-Fertilization-Level-upon-Production-and-Mass-of-1000-Seeds-Recorded-in-Some-Hemp-Varieties.pdf](https://www.cabidigitallibrary.org/doi/full/10.5555/20143245430)

42. Duda, M. M., Rusu, T., Vârban, D. I., Muntean, L., Muntean, S., Moldovan, C., & Duda, B. M. (2013). Climate monitoring of hops in Seleuş, Sighişoara area, RO. *Hop and Medicinal Plants*, 21(1–2), ISSN 1454-7805.

<https://www.cabidigitallibrary.org/doi/full/10.5555/20143245430>

43. Duda, M. M., Vârban, D. I., Muntean, S., Moldovan, C., & Olar, M. (2013). Use of species *Agastache foeniculum* (Pursh) Kuntze. *Hop and Medicinal Plants*, 21(1–2), ISSN 1454-7805.

<https://doi.org/10.15835/hpm.v21i1-2.10071>

44. Duda, S., Muntean, L. S., Duda, M. M., Vârban, D. I., Muntean, S., & Moldovan, C. (2013). Reflections on the importance of the cultivation of the species *Cynara scolymus* L. in Romania. *Hop and Medicinal Plants*, 21(1–2), ISSN 1454-7805. <https://doi.org/10.15835/hpm.v21i1-2.10073>

45. Ardelean, A. E., Morar, G., Ciobanu, F., Moldovan, C., & Deak, J. (2013). Crop technology of pyrethrum in the environmental conditions of Cluj County. *Hop and Medicinal Plants*, 21(1–2), ISSN 1454-7805.

<https://ftp.scaiul-distribution.ro/index.php/hamei/article/view/10072>

46. Mariş, C., Duda, M. M., Moldovan, C., & Olar, M. (2013). Uses of St. John's Wort (*Hypericum perforatum* L.). *Hop and Medicinal Plants*, 21(1–2), ISSN 1454-7805.

<https://ftp.scaiul-distribution.ro/index.php/hamei/article/view/10074>

47. Giurgiu, R. M., Morar, G. A., Dumitraş, A., Boancă, P., Duda, B. M., & Moldovan, C. (2014). Study regarding the suitability of cultivating medicinal plants in hydroponic systems in controlled environment. *Research Journal of Agricultural Science*, 46(2). ISSN 2066-1843.

https://openurl.ebsco.com/EPDB%3Agcd%3A10%3A25601306/detailv2?sid=ebsco%3Aplink%3AAscholar&id=ebsco%3Agcd%3A99765611&crl=c&link_origin=scholar.google.ro

48. Duda, M. M., Cernea, S., Vârban, D. I., Goncariuc, M., Muntean, L., Muntean, S., Moldovan, C., Olar, M., & Gheţe, A. (2015). Adaptation measures for the technology on growing hops in the context of global warming. *Hop and Medicinal Plants*, 23(1–2), 54–58. ISSN 2360-0179 (print), ISSN 2360-0187 (electronic). <https://www.cabidigitallibrary.org/doi/full/10.5555/20163165103>

49. Vârban, D., Baci, F., Vârban, R., & Moldovan, C. (2015). The study of *Lycopersicon esculentum* rooting in aero-hydroponic system. *Analele Universităţii din Oradea, Fascicula: Protecţia Mediului*, 25, 201–207.

https://protmed.uoradea.ro/facultate/publicatii/protectia_mediului/2015A/hort/03.%20Varban%20Dan%20Ioan.pdf

50. Gheţe, A., Copândeian, A., Haş, I., Duda, M., Haş, V., Tinca, E., Călugăr, R. E., Varga, A., & Moldovan, C. (2016). Moisture loss dynamics in some inbred lines, parental forms of maize hybrids, created at ARDS Turda. Vol. 48, No. 1.

https://openurl.ebsco.com/EPDB%3Agcd%3A8%3A25601512/detailv2?sid=ebsco%3Aplink%3AAscholar&id=ebsco%3Agcd%3A117581155&crl=c&link_origin=scholar.google.ro

51. Vârban, D. I., Vârban, R., Duda, M. M., Muntean, S., & Moldovan, C. (2016). The influence of substrates on rooting of *Salvia officinalis* L. cuttings. *Hop and Medicinal Plants*, 24(1–2).
<https://journals.usamvcluj.ro/index.php/hamei/article/view/12600>
52. Vârban, D. I., Vârban, R., Tofană, M., Rotar, A. M., Moldovan, C., & Ghețe, A. (2017). The study of composition and antibacterial activity of the volatile oil of the Sevastopolis lavender variety, cultivated in climatic conditions of Cluj-Napoca. *Hop and Medicinal Plants*, 25(1–2).
<https://journals.usamvcluj.ro/index.php/hamei/article/view/12881>
53. Oroian, C., Moldovan, B., Oroian, I., Odagiu, A., Moldovan, C., & Iederan, C. (2018). Research concerning the use of medicinal plants: A case study in Bistrița-Năsăud. *ProEnvironment*, 11, 41–46.
<https://journals.usamvcluj.ro/index.php/promediu/article/view/13192>
54. Hermeziu, M., Moldovan, C., Hermeziu, R., & Nițu, S. (2018). Weeds control in potato crop using different metribuzin doses. *Agricultura*, 1–2.
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/13025>
55. Olar, M. V., Olar, M., Duda, M. M., Vârban, D. I., Moldovan, C., Bărbieru, V., Ghețe, A. B., & Olar, V. M. (2018). Tall fescue variety (*Festuca arundinacea* Schreber) Napoca 2. *Romanian Journal of Grassland and Forage Crops*, 17.
https://sropaj.ro/documente/ro/revista/articole/RJGFC-17-2018_art-4.pdf
56. Hermeziu, M., Moldovan, C., Hermeziu, R., Nițu, S., & Oroian, C. (2019). Influence of some cultivation technologies on weeding and production in potato. *ProEnvironment/ProMediu*.
<https://journals.usamvcluj.ro/index.php/promediu/article/view/13542>
57. Vârban, D. I., Vârban, R., Tomoș, L., Duda, M. M., Moldovan, C., Muntean, S., Cincea, R. R., & Ghețe, A. B. (2019). Concept and effect of the application of the BD product 500 on the rooting of some mint cuttings. *Hop and Medicinal Plants*.
<https://journals.usamvcluj.ro/index.php/hamei/article/view/13593>
58. Nițu (Năstase), S., Hermeziu, M., Bărcăscu, N., Moldovan, C., Ghețe, A., & Morar, G. (2019). The use of *Primula officinalis* Hill. species in phytotherapy: Aspects of biology and technology. *ProEnvironment*, 12, 187–192.
<https://journals.usamvcluj.ro/index.php/promediu/article/view/13653>
59. Mărginean, R. R., Filip, E., Suci, L. A., Muntean, S., Moldovan, C., Suci, D. L., & Duda, M. M. (2021). Barley (*Hordeum vulgare*), a cereal with medicinal and health benefits. *Hop and Medicinal Plants*, 29(1–2). ISSN 2360-0179 (print), ISSN 2360-0187 (electronic).
<https://journals.usamvcluj.ro/index.php/hamei/article/view/14229>
60. Sabău, R., Duda, M. M., Urdă, C., Vârban, D., Muntean, S., Moldovan, C., Mărginean, R., & Suci, D. (2021). Phytotherapeutic uses of sweet lupine (*Lupinus* spp.): A review. *Hop and Medicinal Plants*, 29(1–2). ISSN 2360-0179 (print), ISSN 2360-0187 (electronic).
<https://journals.usamvcluj.ro/index.php/hamei/article/view/14232>
61. Bălint, C., Odagiu, A., Moldovan, C., Burduhos, P., & Brașovean, I. (2022). The use of microwave irradiation for stimulating some quantitative traits in flax. *Research Journal of Agricultural Science*, 54(1), ISSN 2668-926X.
https://openurl.ebsco.com/EPDB%3Aagcd%3A12%3A25602172/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Aagcd%3A161424940&crl=c&link_origin=www.google.com

62. Mesaros, D., Duda, M., Moldovan, C., & Muntean, S. (2023). Internet of things applied in grain reception base. Scientific Bulletin of the Electrical Engineering Faculty, 22(2), 60–64. ISSN 2286-2455.

<https://sciendo.com/article/10.2478/sbeef-2022-0022>

63. Vidican, R., Pleșa, A., Moldovan, C., Florian, V., Suciu, D., & Suciu, L. (2023). Study on the adaptability of some sorghum hybrids in the pedoclimatic conditions of Jucu, Cluj County. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Agriculture, 80(1).

https://www.researchgate.net/publication/378355805_Study_on_the_Adaptability_of_some_Sorghum_Hybrids_in_the_Pedoclimatic_Conditions_of_Jucu_Cluj_County

64. Vidican, R., Mălinaș, A., Moldovan, C., Pleșa, A., & Ranta, M. (2023). Assessment of greenhouse gas emissions from dairy farming using the Cool Farm Tool. Journal of Applied Life Sciences and Environment, 55(3), 323–333.

https://www.researchgate.net/publication/369006693_ASSESSMENT_OF_GREENHOUSE_GAS_EMISSIONS_FROM_DAIRY_FARMING_USING_THE_COOL_FARM_TOOL

65. Varga, A., Urdă, C., Galben, R. D., Vârban, D., Muntean, S., Moldovan, C., Balaș, S., & Duda, M. M. (2023). Soybean trypsin inhibitor activity: A review. Hop and Medicinal Plants, 31(1–2), 151–160.

<https://journals.usamvcluj.ro/index.php/hamei/article/view/14745>

66. Horga, V. A., Suciu, D. L., Hulujan, I. B., Costin, A. D., Ciontea, S. Ș., Vârban, D., Moldovan, C., Muntean, S., & Duda, M. M. (2024). Therapeutic properties and use for medicinal purposes of Agastache species. Hop and Medicinal Plants, 32(1–2), 22–34.

<https://journals.usamvcluj.ro/index.php/hamei/article/view/15017>

67. Suciu, D. L., Moldovan, C., Costin, A. D., Horga, V., & Duda, M. M. (2024). Research on row spacing and sowing period influence on rapeseed production parameters. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Agriculture, 81(2).

https://www.researchgate.net/publication/386264432_Research_on_Row_Spacing_and_Sowing_Period_Influence_on_Rapeseed_Production_Parameters

Brevete obținute

1. Brevet pentru soi de plante, nr. 00331, la soiul Napoca 2, specia Paius înalt - Festuca arundinacea -Olar Mihai, Olar Marius Viorel, Olar Viorica, Morar Gavrița Ambrozie, Duda Matei Marcel, Varban Dan Ioan, Muntean Sorin, Moldovan Cristina, Ciornei Dascal Vasilica

2. Brevet pentru soi de plante nr. 449/20.12.2016 la soiul „Vlarom” de păiuș înalt (Festuca arundinacea Schreber). Autori: Olar Mihai, Rotar Ioan, Vidican Roxana, Morar Gavril, Duda M. Matei, Vârban Dan, Olar Marius, Mireșan Vioara, Muntean Sorin, Moldovan Cristina

Conf.dr. Cristina-Maria MOLDOVAN

