

Listă de lucrări

Teza de doctorat

Elena Partal, 2008 - "Eficiența unor metode tehnologice în conservarea și valorificarea apei și reducerea inputurilor la cultura graului de toamnă / Efficiency of some technological methods in water preservation and utilization and input diminution at winter wheat - USAMV București.

1. Cărți sau capitole în cărți de specialitate

1. **Partal, E.** 2022. Verigi tehnologice importante în cultura plantelor de câmp. Editura Total Publishing. ISBN 978-606-9643-25-9

https://www.magazinul-de-carte.ro/coperti_full/348776/verigi-tehnologice-importante-%C3%AEn-cultura-plantelor-c%C3%A2mp.pdf

2. **Sin, G., Partal E.** 2021. Long-Term Effects of Crop Rotation and Fertilization on Weed Infestation in Winter Wheat. In: Dent, D., Boincean, B. (eds) Regenerative Agriculture. Springer, Cham. p: 237-251

https://doi.org/10.1007/978-3-030-72224-1_21,

https://link.springer.com/chapter/10.1007/978-3-030-72224-1_21#chapter-infofile:///C:/Users/Admin/Downloads/regenerative-agriculture-whats-missing-what-do-we-still-need-to-know-9783030722241-3030722244_compress.pdf

3. **Partal, E.** 2008. The influence of different tillage and residue (mulch) on soil moisture for rain-fed crops, Capitol 3, p; 15-19, In Compendium of deliverables of the conservation agriculture course 2008. CIMMYT by Castellanos-Navarrete A.; Govaerts B, (eds).

<https://repository.cimmyt.org/bitstream/handle/10883/549/93381.pdf?sequence=1&isAllowed=y>

2. Articole/ studii publicate în reviste de specialitate și de circulație internațională recunoscute sau în reviste din țară recunoscute de către CNCSIS

- ISI -

1. **Dima, M., Paraschivu, M., Partal, E., Diaconu, A., Drăghici, R., I Titirica, I.** 2023. The impact of the sowing time on peanuts yield's components in marginal sandy soils in Southern Oltenia, Romania. Romanian Agricultural Research, NO. 40. First Online: February, 2023. DII 2067-5720 RAR 2022-30.

<https://www.incda-fundulea.ro/rar/nr40fol/rar40.42.pdf>

2. **Partal, E., Oltenacu, C.V., Paraschivu, M., Cotuna, O., Dima, M., Contescu, E.L.** 2023. Effects of different soil tillage on soil moisture, weed control, yield and quality of maize (*Zea mays* L.). Romanian Agricultural Research, No. 40. First Online: April, 2023. DII 2067-5720 RAR 2023-123.

<https://www.incda-fundulea.ro/rar/nr40fol/rar40.64.pdf>

3. Cotuna, O., Paraschivu, M., Sărățeanu, V., **Partal, E.**, Durau, C.C., (2022). Impact of fusarium head blight epidemics on the mycotoxins' accumulation in winter wheat grains. *Emirates Journal of Food and Agriculture*. 2022. 34(11): 949-962. Indexed in JCR, Journal Citation Reports (Clarivate Analytics) Science Citation Index Expanded (Clarivate Analytics) Master Journal List (Clarivate Analytics) Current Contents - Agriculture, Biology & Environmental Sciences (Clarivate Analytics) (Impact Factor: 1.04)
<https://www.ejfa.me/index.php/journal/article/view/2959/1660>
4. **Partal, E.** 2022. Sunflower yield and quality under the influence of sowing date, plant population and the hybrid. *Romanian Agricultural Research*, No. 39. Print ISSN 1222-4227; Online ISSN 2067-5720. Abstracted/Indexed: Thompson Reuter - ISI Web of Science: Science Citation Index Expanded, Journal Citation, Reports/Science Edition, CAB Abstract. Factor impact: 0,633. **WOS:000838822200001**; <https://www.incda-fundulea.ro/rar/nr39/rar39.44.pdf>
5. Petcu, V., Ciornei, L., Simion, S.P., Grădilă, M., Burtan, S.L., **Partal, E.** 2022. Cover crops from winter wheat, triticale and peas cultivated in pure stands and mixtures—soil and weed suppression benefits. *Romanian Agricultural Research*, NO. 9, Print ISSN 1222-4227; Online ISSN 2067-5720 (FI 2022 = 0,633) Cotată în Science Citation Index Expanded (SCI-EXPANDED). **WOS:000797195000037**; <https://www.incda-fundulea.ro/rar/nr39/rar39.31.pdf>
6. **Partal, E.** 2022. Yields and quality of wheat and maize cultures under the influence of management practices in south area of Romania. *Scientific Papers. Series A. Agronomy*, Vol. LXV, No. 1, pp.475-481. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexed: Web of Science Core Collection (Emerging Sources Citation Index - Thomson Reuters), CNCSIS B+.
https://agronomyjournal.usamv.ro/pdf/2022/issue_1/vol2022_1.pdf
7. Domnariu, H., Postolache, C., Avramescu, S., Lăcătușu, A.R., **Partal, E.** 2022. Long term effects of tillage and fertilization upon microbiota of a Romanian Chernozem under maize monoculture. *Geoderma Regional*, 28, e00463. Indexare: Science Citation Index Expanded, Scopus, INSPEC. 4.201 - Impact Factor. <https://doi.org/10.1016/j.geodrs.2021.e00463>
<https://www.sciencedirect.com/science/article/pii/S2352009421001085>
8. **Partal, E.**, Oltenacu, C.V., Petcu, V. 2021. The influence of sowing date and plant density on maize yield and quality in the context of climate change in southern Romania. *Scientific Papers. Series A. Agronomy*, Vol. LXIV, No. 1, p 508-514. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexată în Web of Science Core Collection (Emerging Sources Citation Index - Thomson Reuters), Index Copernicus, CABI, Directory of Open Access Journals-DOAJ, Ulrich's Periodicals Directory, Google Scholar, Research Bible, PBN (Polish Scholarly Bibliography), Scientific Indexing Service, Scipio, OCLC (WorldCat), CNCSIS B+. **WOS:000704504300067**;
https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art67.pdf
9. Petcu, E., Lazăr, C., Predoi, D., Cîmpeanu, C., Predoi, G., Bartha, S., Vlad, I.A., **Partal, E.** 2021. The effect of hydroxyapatite and iron oxide nanoparticles on maize and winter wheat plants. *Scientific Papers. Series A. Agronomy*, Vol. LXIV, No. 1, pp. 515-519. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexată în Web of Science Core Collection (Emerging Sources Citation Index - Thomson Reuters), Index Copernicus, CABI, Directory of Open Access Journals-DOAJ, Ulrich's Periodicals Directory, Google Scholar, Research Bible, PBN (Polish Scholarly Bibliography), Scientific Indexing

Service, Scipio, OCLC (WorldCat), CNCSIS B+. **WOS:000704504300068**
https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art68.pdf

10. Petcu, E., Vasilescu, L., **Partal, E.** 2020. Variability of seminal roots angle in some Romanian barley genotypes. Scientific Papers. Series A. Agronomy, Vol. LXIII, No. 1, pp.469-474. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexată în Web of Science Core Collection (Emerging Sources Citation Index - Thomson Reuters), Index Copernicus, CABI, Directory of Open Access Journals-DOAJ, Ulrich's Periodicals Directory, Google Scholar, Research Bible, PBN, Scientific Indexing Service, Scipio, OCLC (WorldCat), **WOS:000581115600065**;
https://agronomyjournal.usamv.ro/pdf/2020/issue_1/Art65.pdf
11. **Partal, E.**, Paraschivu. M. 2020. Results regarding the effect of crop rotation and fertilization on the yield and qualities at wheat and maize in South of Romania. Agricultural Sciences & Veterinary Medicine University, Bucharest. Scientific Papers. Series A. Agronomy, Vol. LXIII, No. 2. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexată în Web of Science Core Collection (Emerging Sources Citation Index - Thomson REUTERS), Index Copernicus, CABI, Directory of Open Access Journals-DOAJ, Ulrich's Periodicals Directory, Google Scholar, Research Bible, PBN (Polish Scholarly Bibliography), Scientific Indexing Service, Scipio, OCLC (WorldCat), CNCSIS B+. **WOS:000596730700029**;
http://agronomyjournal.usamv.ro/pdf/2020/issue_2/Art29.pdf
12. Chitimus Alexandra-Dana, Barsan Narcis, Mosnegutu Emilian, Corobana Alina, Nedeff Valentin, Muscalu Oana-Maria, **Partal Elena.** 2020. Influence of soil fertilization systems and crop rotation on physical and chemical properties of the soil. 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), 12-14 November 2020, pp. 1-5, doi: 10.1109/EEAE49144.2020.9278974. **WOS:000659299700016**
<https://ieeexplore.ieee.org/document/9278974>
13. Muscalu Plescan, O.M., Nedeff, F.M., **Partal, E.**, Mosnegutu, E., Panainte-Lehadus, M., Irimia, O., Tomozei, C. 2019. Influence of soil fertilization systems on soil characteristics for a monoculture of sunflower. Scientific Study And Research-Chemistry And Chemical Engineering Biotechnology Food Industry 20(4), pp.585-595. Indexed in: Thompson Reuters-Web Of Science Core Collection-Esci, Chemical Abstracts (USA), CSA (USA), Directory Of Open Access Journals (Sweden), Index Copernicus (Poland), Proquest (USA). Accredited by the Romanian National Council of Scientific Research (CNCS) as B+ type publication. **WOS:000502846500008**
<https://pubs.ub.ro/?pg=revues&rev=csc6&num=201904&vol=4&aid=4958>
14. Muscalu (Plescan), O.M., Nedeff, V., Sandu, I.G., **Partal, E.**, Mosnegutu, E., Barsan, Narcis, S.I., Rusu, D. 2019. Influence on main works systems on physical and chemical properties of the soil. Revista de Chimie, Volume 70, Issue 5, 1726-1730. (FI 2019 = 1,755) Cotată în: European Virtual Institute for Speciation Analysis (EVISA), SCImago Journal & Country Rank, Electronic Journals Library, World Catalogue of Scientific Journals. ISSN Online 2668-8212. **WOS:000470086400043**
<https://doi.org/10.37358/RC.19.5.7202>
<https://revistadechimie.ro/pdf/43%20MUSCALU%20PLESCAN%205%2019.pdf>
15. Muscalu (Pleşcan), O.M., Nedeff, V., Sandu, I.G., Chițimuș, A.D., **Partal, E.**, Bârsan, N., Rusu, D.I. 2019. Influence of Soil Fertilization Systems and Crop Rotation on Soil Chemical Properties. Revista de Chimie, Volumul 70, nr. 2, pg. 536-542, (FI 2019 = 1,755). Publicatie in anul 2019 cu Cotatie Internationala: European Virtual Institute for Speciation

Analysis (EVISA), SCImago Journal & Country Rank, Electronic Journals Library, World Catalogue of Scientific Journals. ISSN Online 2668-8212, ISSN Print: 1582-9049, ISSN-L: 1582-9049. **WOS:000461982200036**

<https://doi.org/10.37358/RC.19.2.6951>.

<https://revistadechimie.ro/pdf/36%20MUSCALU%202%2019.pdf>

16. Muscalu (Plescan), O.M., Nedeff, V., Chitimus, A.D., Sandu, I.G., **Partal, E.**, Mosnegutu, E., Sandu, I., Rusu, D.I. 2018. Influence of fertilization systems on physical and chemical properties of the soil. *Revista de Chimie*, Volume 69, Issue 11, Pages 3106-3111. (FI 2018 = 1.605). Cotată în: European Virtual Institute for Speciation Analysis, SCImago Journal & Country Rank, Electronic Journals Library, World Catalogue of Scientific Journals, ISSN Online 2668-8212. **WOS:000451931500031**

<https://doi.org/10.37358/RC.18.11.6692>

<http://bch.ro/pdfRC/31%20MUSCALU%2011%2018.pdf>

17. Petcu, E., Băbeanu, N., Popa, O., **Partal, E.**, Pricop, S.M. 2010. Effect of planting date, plant population and genotype on oil content and fatty acid composition in sunflower. *Romanian Agricultural Research*, 27(27), 53-57. Print ISSN 1222-4227; Online ISSN 2067-5720. (FI 2010 = 0,485), Cotată în Science Citation Index Expanded (SCI-Expanded). **WOS:000284238600008**; <https://www.inceda-fundulea.ro/rar/nr27/rar27.8.pdf>

- BDI-

18. Petcu, E., Lazăr, C., Partal, E., Conțescu, L. and Horhocea, D., The influence of genotype, soil tillage and fertilisation on carbon sequestration in maize. *Journal of Applied Life Sciences and Environment*. Vol. 55, Issue 3 (191) / 2022: 351-361. Indexat: J-Gate, CAB International, Web of Science Reviewer Recognition, Service EBSCO FSTA (Food Science and Technology Abstracts) AGRIS (FAO United Nations). <https://doi.org/10.46909/alse-552069>
<https://jurnalalse.com/wp-content/uploads/ALSE3-2022-09.pdf>

19. Mărin, N., **Partal, E.**, Șerban, M., & Dumitru, M. 2022. The research for the development of agricultural recovery technology of sterile landfills resulting from the current exploitation of lignite. *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series*, 52(1), 233-240. <https://anale.agro-craiova.ro/index.php/aamc/article/view/1338/1259>

20. **Partal, E.**, Contescu, L. E., Marin, N., Ciobotaru, D. D., & Serban, M. 2022. Evolution of winter wheat crop under the influence of agrotechnical measures and climate changes. *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series*, 52(1), 300-305. <https://anale.agro-craiova.ro/index.php/aamc/article/view/1348/1268>

21. Măturaru, G., Șerban, M., Lazăr, C., Partal, E., and Marin, N. 2022. Research on the selectivity and efficacy of herbicides for controlling weeds from the wheat crop in pedoclimate conditions from NARDI Fundulea. *Annals of the University of Craiova – Agriculture, Montanology, Cadastre, Series*, 52(1), pp.270-275
<https://anale.agro-craiova.ro/index.php/aamc/article/view/1343/1264>

22. Cotuna, O., Paraschivu, M., Sărățeanu, V., **Partal, E.**, Durău, C.C. Influence of *Fusarium graminearum* infection on the accumulation of mycotoxins in wheat grains. 2021. 2021060429. Doi: 10.20944/preprints202106.0429.v. Indexare: Europe PMC, Google Scholar, Scilit, SHARE, from the Open Science Framework, PrePubMed.
<https://www.preprints.org/manuscript/202106.0429/v1>

23. Barsan, N., Chitimus, A.D., Muscalu (Plescan), O.M., Nedeff, F. M., Sandu. I., **Partal E.**, Sandu. A.V., Panainte Lehadus. M. 2020. Influence of fertilizers on soils used for oleaginous crop. *Revista de Chimie*, Volume 71, nr. 1, p. 233-238. ISSN Online 2668-8212, ISSN Print: 1582-9049, ISSN-L: 1582-9049. După anul 2019 Revista de Chimie este indexată: European Virtual Institute for Speciation Analysis (EVISA), SCImago Journal & Country Rank, CAS - division of the American Chemical Society, Scope Database, Electronic Journals Library, International Committee of Medical Journal Editors (ICMJE) World Catalogue of Scientific Journals.
<https://revistadechimie.ro/pdf/35%20BARSAN%20N%201%2020.pdf>
24. Măturaru, G., Șerban, M., **Partal E.** 2019. Selectivitatea și eficacitatea unor erbicide aplicate toamna în combaterea buruienilor anuale din cultura grâului. *AN. I.N.C.D.A. Fundulea*, Vol. LXXXVII, pag. 175-181.
<https://www.incda-fundulea.ro/anale/87/87.17.pdf>
25. **Partal, E.**, Șerban, M., Maturaru, G. 2017. Influența unor verigi tehnologice asupra îmburuienării la cultura de porumb. *AN. I.N.C.D.A. Fundulea*, VOL. LXXXV, pag.189-195.
<https://www.incda-fundulea.ro/anale/85/85.18.pdf>
26. Dragomir C.L., **Partal E.** 2016. Influence of different levels of water supply on production and economic efficiency under maize cultivated in Dobrogea region of Romania. *Scientific Papers. Series A. Agronomy*, LIX, 289–293. (ISSN 2285-5785, ISSN CD-ROM 2285–5793, ISSN Online 2285–5807, ISSN-L 2285-5785) Is indexed: Web of Science Core Collection (Emerging Sources Citation Index - THOMSON REUTERS), CNCSIS B+.
<https://agronomyjournal.usamv.ro/pdf/2016/Art51.pdf>
27. Stan O., Martura T., **Partal E.**, Jordan H. 2016. Estimarea însușirilor de calitate și vigoare la sămânța noilor genotipuri de porumb, prin metoda coldtest și deteriorare controlată. *Analele INCDA Fundulea*, LXXXIV, 141-156. ISSN 2067-5631 (print) și ISSN 2067-7758 (on line).
<https://www.incda-fundulea.ro/anale/84/84.14.pdf>
28. Cotuna, O., Sarateanu, V., Durau, C., Paraschivu, M., **Partal, E.** 2014. Study on *Ambrosia artemisiifolia* L. roots colonized by arbuscular mycorrhizae in various herbaceous plant communities. *Research Journal of Agricultural Science* (ISSN 2066-1843) vol.46 (1), p.139-144. Indexed: CABI (since 2009), Ulrich's Periodicals Directory (2010), Index Copernicus International (2009), CNCSIS Romania quoted B+.
https://www.rjas.ro/paper_detail/1766
29. Paraschivu, M., Cotuna, O., **Partal, E.**, Paraschivu, M. 2014. Assessment of *blumeria graminis* f. sp. tritici attack on different Romanian winter wheat varieties. *Research Journal of Agricultural Science*, Vol. 46 Issue 2, p264-269. ISSN 2066-1843. Indexed: CABI (since 2009), Ulrich's Periodicals Directory (2010), Index Copernicus International (2009), CNCSIS Romania quoted B+.
https://rjas.ro/paper_detail/1771
30. **Partal, E.**, Paraschivu, M., Cotuna, O. 2014. Influence of seeds treatment on the cereales production. *Research Journal of Agricultural Science*, (ISSN 2066-1843) vol.46 (2), p.270-276. Indexed: CABI (since 2009), Ulrich's Periodicals Directory (2010), Index Copernicus International (2009), CNCSIS Romania quoted B+.
https://www.rjas.ro/paper_detail/1772
31. **Partal, E.**, Sin, G., Alionte, E. 2013. The effect of management practices on the quality of wheat and maize harvest. *Annals of the Academy of Romanian Scientists. Series on Agriculture, Silviculture and Veterinary Medicine Sciences*, 2(1), 82-89. PRINT ISSN 2069 – 1149 ONLINE ISSN 2344-2085.
<https://aos.ro/wp-content/anale/AVol2Nr1Art.11.pdf>

32. Paraschivu, M., Paraschivu, M., **Partal, E.**, Oltenacu, V.C. 2012. Influence of cultivar and planting density on the attack of *Phytophthora infestans* pathogen and the yield. *Analele Universității din Craiova-Biologie, Horticultură, Tehnologia Prelucrării Produselor Agricole, Ingineria Mediului*, Vol.17 pp.771-774. ISSN–L 1453-1275. Print ISSN 1453-1275 (Online) = ISSN 2393-1426. Indexare: CAB Abstracts and Global Health (by CAB International), Zoological Record (by Thomson Reuters), Index Cope.
https://horticultura.ucv.ro/horticultura/sites/default/files/horticultura/Reviste/Analele/2012/anale_2012_vol2.pdf
33. Paraschivu, M., **Partal, E.**, Paraschivu, M., Oltenacu, V.C. 2012. Influence of treatment with various fungicides formulations on specific pathogens attack to tomato crops. *Analele Universității din Craiova, Biologie, Horticultură, Tehnologia Prelucrării Produselor Agricole, Ingineria Mediului*. Vol.17 pp.765-770. ISSN–L 1453-1275. Print ISSN 1453-1275 (Online) = ISSN 2393-1426. Indexare: CAB Abstracts and Global Health (by CAB International), Zoological Record (by Thomson Reuters), Index Cope.
https://horticultura.ucv.ro/horticultura/sites/default/files/horticultura/Reviste/Analele/2012/anale_2012_vol2.pdf
34. **Partal Elena**, Paraschivu Mirela, Oltenacu Cătălin Viorel, Paraschivu Marius. 2012. Productivity and profitability of maize and sorghum crops in natural conditions from south area. *Annals of the University of Craiova, Agriculture, Montanology, Cadastre Series* (ISSN: 1841-8317, vol. 42 (2), p.214-219. ISSN-L1841-8317, ISSN1841-8317, E-ISSN2066-950X.
<https://anale.agro-craiova.ro/index.php/aamc/article/view/767/727>
35. **Partal, E.**, Paraschivu, M., Oltenacu, C. V., Paraschivu, M. 2012. Productivity and quality of maize and sorghum crops in climatic conditions of Ialomița county. Scientific Symposium with International Participation "65 Years of Higher Agronomic Education and 50 Years of Higher Horticulture Education in Craiova", 15th -16th November 2012, Craiova, Romania. *Annals of the University of Craiova, Agriculture, Montanology, Cadastre Series* (ISSN: 1841-8317), vol. 42 (2), p.208-213, ISSN-L1841-8317, ISSN1841-8317, E-ISSN2066-950X. <https://anale.agro-craiova.ro/index.php/aamc/article/view/766/726>
36. Sin, G., **Partal, E.** 2012. Effect of sowing date and plant density on sunflower yield and its main components. *Proceedings 18th ISC, Mar del Plata, Argentina*.
https://www.isasunflower.org/fileadmin/documents/aaProceedings/18thISAArgentina-vol1/Crop_Management/Effect_of_sowing_date_and_plant_density_on_sunflower_yield_and_its_main_components.pdf
37. **Partal, E.**, Paraschivu, M., Oltenacu, C.V. 2011. Influence of fertilization on the evolution of maize yields. Conference paper: 46th Croatian and 6th International Symposium on Agriculture, Opatija, Croatia, 14-18 February. *Proceedings* pp. 650-653.
<https://www.cabdirect.org/cabdirect/FullTextPDF/2012/20123323806.pdf>
38. Paraschivu, M., **Partal, E.**, Paraschivu, M. 2011. The Evolution of *Septoria tritici* attack to winter wheat in ARDS Simnic area. Book chapter; Conference paper: 46th Croatian and 6th International Symposium on Agriculture, Opatija, Croatia, 14-18 February. *Proceedings* pp.626-630. <https://www.cabdirect.org/cabdirect/FullTextPDF/2012/20123323801.pdf>
39. Paraschivu, M., **Partal, E.**, Paraschivu, A.M. 2010. The influence of sowing time to the evolution of *Pyrenophora tritici-repentis* to a set of winter wheat varieties in ARDS Simnic area. The 6th edition of Scientific Conference with International Participation, „Durable Agriculture-Agriculture of Future,„ and the 22nd edition of National Mycology Symposium, 19th -21th Nov. *Annals of the University of Craiova, Agriculture, Montanology, Cadastre*

series (ISSN 1841-8317), vol. 40/1, p.142-147. ISSN-L1841-8317, ISSN1841-8317.
<https://www.cabdirect.org/cabdirect/FullTextPDF/2011/20113270601.pdf>

40. **Partal, E.**, Paraschivu. M., Oltenacu, C. V. 2010. The influence of sowing time on winter wheat yield and its main components. The 6th edition of Scientific Conference with International Participation, Durable Agriculture-Agriculture of Future, and the 22nd edition of National Mycology Symposium, 19th -21th Nov. Annals of the University of Craiova, Agriculture, Montanology, Cadastre series (ISSN 1841-8317), vol. 40/1, p.148-153. ISSN-L1841-8317, ISSN1841-8317.

<https://www.cabdirect.org/cabdirect/FullTextPDF/2011/20113270602.pdf>

41. Sin, G., **Partal, E.** 2010. Influența rotației și a fertilizării asupra producțiilor de grâu și porumb în contextul variațiilor climatice. AN. I.N.C.D.A. Fundulea, Vol. LXXVIII, NR. 1., pp.101-108. ISSN 2067-5631 (print) și ISSN 2067+7758 (on line).

<https://www.inceda-fundulea.ro/anale/78/78.9.pdf>

42. **Partal, E.**, Paraschivu M., Oltenacu, C.V. 2010. Influența epocii de semănat asupra producției și elementelor de productivitate la graul de toamnă. Analele Universității din Craiova, seria Agricultură - Montanologie - Cadastru Vol. XXXX. Pp 148-153.
https://cis01.ucv.ro/analele_universitatii/agricultura/2010/Vol_40_1_2010.pdf

3. Studii publicate în volumele unor manifestări științifice internaționale recunoscute din țară și din străinătate (cu ISSN sau ISBN)

-

4. Brevete de invenție

-

5. Proiecte de cercetare-dezvoltare-inovare pe bază de contract/grant

Program/denumire proiect	Perioada de derulare/funția în cadrul proiectului
1. Proiect Nucleu P.N. 23-18.03.01 Îmbunătățirea tehnologiilor de semănat și metodelor de control agrofitoropatologic pentru valorificarea eficientă a resurselor de climă și sol.	2023-2026 Responsabil proiect
2. P.I. 6202/2019 - Agreement on studying the effects of novel fertilizers on crop production between National Agricultural Research and Development Institute Fundulea (NARDI) And Sabanci University Inovent (SUI), responsabil partener Romania	2019-2022 Responsabil național
3. Proiect nucleu P.N. 09- 25.03.01 – Elaborarea de secvențe tehnologice noi, specifice agriculturii durabile	2009-2011 Responsabil proiect
4. Proiect Nucleu, PN 16-16.03.02 - Cercetări privind îmbunătățirea și diversificarea tehnologiilor de cultură pentru plantele de cultura în sistem conventional, responsabil proiect	2016-2017 Responsabil proiect
5. Proiect Nucleu, PN 16-16.03.01 - Cercetări privind stabilirea tehnologiei culturii mazării de toamnă	2016-2017 Responsabil proiect

6. Proiect Nucleu, PN 18-39.03.01- Perfecționarea tehnologiilor de cultură ale principalelor culturi de câmp, vizând reducerea impactului negativ al acestora asupra mediului și îmbunătățirea eficienței de valorificare a resurselor naturale	2016-2018 Responsabil proiect
7. Proiect Sectorial ADER 1.5.4 - Cercetări cu privire la influența diferitelor metode de lucrare a solului asupra gradului de îmburuienare, compoziției floristice a speciilor de buruieni, în culturile de câmp și dinamicii apei în sol la culturile de câmp	2019-2022 Director proiect
8. Proiect Nucleu P.N. 19.25.04.01 - Reducerea impactului negativ al schimbărilor climatice asupra performanțelor de producție și calitate la principalele culturi de câmp, prin elaborarea de secvențe tehnologice novative și integrarea acestora în tehnologii de cultură performante și sustenabile	2019-2022 Responsabil proiect
9. Proiect Sectorial ADER 1.2.1. - Identificarea de genotipuri de cereale, oleaginose și plante furajere și elaborarea de elemente tehnologice inovative, adaptate impactului schimbărilor climatice	2011-2015 Membru în echipă
10. PS 2.3.2 – Sisteme de lucrare a solului adaptate condițiilor locale, orientate spre protecția stării agrofizice a solului, a conservării apei și a optimizării economice a managementului agricol	2006-2009 Membru în echipă
11. P.N. 07 – 42.02.01- Elaborarea de tehnologii integrate privind managementul apei, elementelor nutritive și metodelor culturale pentru obținerea de produse agricole sănătoase și cu valoare nutritivă ridicată la plantele de câmp	2006-2009 Membru în echipă
12. P.S. 2.3.1 - Elaborarea de tehnologii integrate și performante de utilizare a resurselor naturale, de creștere a eficienței inputurilor, conservarea solului și protecția mediului pentru principalele culturi de câmp	2006-2010 Membru în echipă
13. P.P.A. 8 - Sisteme de agricultură, tehnologii și metode agrotehnice de utilizare eficientă a apei și reducerea efectelor secetei	2001-2004 Membru în echipă
14. P.A. 312 - Elaborarea de sisteme zonale integrate pentru valorificarea eficientă a resurselor limitate de apă de irigare la principalele culturi de câmp	2002-2006 Membru în echipă

6. Alte lucrări

-

7. Citari în reviste ISI și volumele conferințelor indexate WOS

Lucrarea citată	Locul citării
1. Petcu E., Babeanu N., Popa O., Partal E., Pricop S. M. 2010. Effect of planting date, plant population and genotype on oil content and fatty	8 citări 1. Ernst, D., Zapletalová, A., Černý, I., Vician, T., & Skopal, J. (2022). Fatty acid composition of sunflower hybrids influenced by year and biostimulators. Journal of Central European Agriculture, 23(4), 764-772. https://hrcak.srce.hr/file/417407

<p>acid composition in sunflower. Romanian Agricultural Research 27 (27), 53-57</p>	<p>2. Radu, I., Gurau, L. R., Florescu, I., Teodoru, A., & Chireceanu, C. Influence of sowing date on the morphological characters and yield components on sunflower hybrids. Scientific Papers. Series A. Agronomy, Vol. LXV, No. 1, 2022 ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807. https://www.researchgate.net/profile/loan-Radu/publication/365702424_INFLUENCE_OF_SOWING_DATE_ON_THE_MORPHOLOGICAL_CHARACTERS_AND_YIELD_COMPONENTS_ON_SUNFLOWER_HYBRIDS/links/637f0db82f4bca7fd08859d4/INFLUENCE-OF-SOWING-DATE-ON-THE-MORPHOLOGICAL-CHARACTERS-AND-YIELD-COMPONENTS-ON-SUNFLOWER-HYBRIDS.pdf</p> <p>3. Ozturk E., Polat T., Sezek M. 2017. The effect of sowing date and nitrogen fertilizer form on growth, yield and yield components in sunflower. Turkish Journal of Field Crops, 22(1), 143-151. https://dergipark.org.tr/en/pub/tjfc/article/312373</p> <p>4. Sezek M., Ozturk E. and Polat T. 2018. Effects of sowing date and intra-row spacing applications on growth and yield of non-oil sunflower in high altitudes. Fresenius Environmental Bulletin 27 (8), pp.5685-5693. https://www.cabdirect.org/cabdirect/abstract/20193150275</p> <p>5. Popa M., Anton G. F., Rîșnoveanu L., Petcu E., Babeanu N. 2017. The effect of planting date and climatic condition on oil content and fatty acid composition in some Romanian sunflower hybrids. AgroLife Scientific Journal, 6(1), 212-21 http://agrolifejournal.usamv.ro/pdf/vol.VI_1/Art29.pdf</p> <p>6. Mehrparvar M., Rokhzadi A., Mohammadi K. 2021. Reduced n application rate in sunflower production through supplying P and K need and dense-planting: a modeling and optimization approach by RSM. Journal of Soil Science and Plant Nutrition, 21(2), 1353-1367. https://link.springer.com/article/10.1007/s42729-021-00445-9</p> <p>7. Pepó P., Novák A. 2017. The impact of crop year and a few agrotechnical elements on the fatty acid composition of LO and HO sunflower (<i>Helianthus annuus</i> L.) oil. JAPS: Journal of Animal & Plant Sciences, 27(4). http://www.thejaps.org.pk/docs/v-27-04/38.pdf</p> <p>8. Liovic I; Mijic A; Gadzo D. 2017 Influence of weather conditions on grain yield, oil content and oil yield of new os sunflower hybrids. Poljoprivreda 23 (1) pp.34-39 https://hrcak.srce.hr/file/269634</p>
<p>2. Partal E., Paraschivu M. 2020. Results regarding the effect of crop rotation and fertilization on the yield and qualities at wheat and maize in South of Romania. Sci. Pap. Ser. A Agron, 2, 184-189.</p>	<p>20 citări</p> <p>1. Paraschivu, M., Matei, G., Cotuna, O., Paraschivu, M. and Drăghici, R., 2022. Management of pests and pathogens in rye crop in dry marginal environment in Southern Romania. Scientific Papers. Series A. Agronomy, 65(1), pp.466-474. https://agronomyjournal.usamv.ro/pdf/2022/issue_1/Art68.pdf</p> <p>2. Bonciu, E., Roșculete, C.A., Oлару, A.L. And Roșculete, E., Changes in the quality of food during storage and the main determining factors. Scientific Papers. Series A. Agronomy, Vol.</p>

- LXV, No. 2, 2022. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785.
https://agronomyjournal.usamv.ro/pdf/2022/issue_2/Art44.pdf
3. Matei, G., Paraschivu, M., Vlăduț, V., Pânzaru, R.L. And Popa, L.D., New genotypes of sweet Sorghum and their biomass yields in the sustainable agriculture system. Scientific Papers. Series A. Agronomy, Vol. LXV, No. 1, 2022. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785.
https://agronomyjournal.usamv.ro/pdf/2022/issue_1/Art61.pdf
4. Bonciu, E., Roșculete, E., Păunescu, R.A., Roșculete, C.A. And Păunescu, G., Cyto-Palynological observations on some pea (*pisum sativum*) genotypes. Scientific Papers. Series A. Agronomy, Vol. LXV, No. 1, 2022. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807.
https://agronomyjournal.usamv.ro/pdf/2022/issue_1/Art32.pdf
5. Puițel AC, Suditu GD, Danu M, Ailiesei G-L, Nechita MT. An Experimental Study on the Hot Alkali Extraction of Xylan-Based Hemicelluloses from Wheat Straw and Corn Stalks and Optimization Methods. *Polymers*. 2022; 14 (9):1662.
<https://www.mdpi.com/2073-4360/14/9/1662/htm>
6. De Souza C.P., Bonciu E. 2022. Progress in genomics and biotechnology, the key to ensuring food security. *Scientific Papers-Series Management Economic Engineering In Agriculture and Rural Development* 22 (1), pp.149-157.
https://managementjournal.usamv.ro/pdf/vol.22_1/volume_22_1_2022.pdf
7. Paraschivu M., Cotuna O., Sarateanu V. 2022. Are food waste and food loss a real threat for food security. *Scientific Papers-Series Management Economic Engineering In Agriculture and Rural Development* 22 (1), pp.479-484.
https://managementjournal.usamv.ro/pdf/vol.22_1/volume_22_1_2022.pdf
8. Păunescu G., Paraschivu M., Păunescu R.A., Roșculete C.A., 2022. The relationship between yield and pathogens attack on the advanced breeding winter wheat lines assessed for adult plant resistance. *Scientific Papers: Management, Economic Engineering in Agriculture & Rural Development*, 22(1).
http://managementjournal.usamv.ro/pdf/vol.22_1/Art58.pdf
9. Bonciu E., Liman R., Cigerci Î.H. 2021. The influence of orange juice on mitosis and in vitro growth to *Hibiscus Esculentus*. *Scientific Papers: Management, Economic Engineering in Agriculture & Rural Development*, 21(4).
http://managementjournal.usamv.ro/pdf/vol.21_4/Art7.pdf
10. Bonciu E., Liman R., Cigerci Î. H. 2021. Genetic bioengineering in agriculture-a model system for study of the mechanism of programmed cell death. *Scientific Papers: Management, Economic Engineering in Agriculture & Rural Development*, 21(4).
http://managementjournal.usamv.ro/pdf/vol.21_4/Art8.pdf

11. Paraschivu M., Cotuna O., Paraschivu M., Ciobanu A., Oltenacu C. V. Infection of *Erwinia Amylovora* on different apple varieties and the impact on fruits quality. *Scientific Papers. Series B, Horticulture*. Vol. LXV, No. 1, 2021
http://horticulturejournal.usamv.ro/pdf/2021/issue_1/Art29.pdf
12. Bonciu E., Păunescu G., Roșculete E., Roșculete C. A., Olaru A. Study of the influence of interaction variety× year× location on winter wheat yield cultivated in different locations in the period 2018-2020. *Scientific Papers. Series A. Agronomy*, Vol. LXIV, no. 1, 2021 issn 2285-5785;
http://agronomyjournal.usamv.ro/pdf/2021/issue_1/art28.pdf
13. Ișlicaru I., Roșculete E., Bonciu E., Petrescu E. 2021. Research on the identification of high productivity winter wheat varieties and lines, tested on luvisol from șimnic in the period 2004-2018. *Scientific Papers. Series A. Agronomy*, Vol. LXIV, No. 1.
http://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art51.pdf
14. Paraschivu M., Matei G., Cotuna O., Paraschivu M., Drăgici R. 2021. Reaction of rye cultivars to leaf rust (*P. recondita* f. sp. *secalis*) in the context of climate change in dry area in southern Romania. *Scientific Papers. Series A. Agronomy*, Vol. LXIV, No. 1, 2021
https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art66.pdf
15. Bonciu E., Paunescu R.A.; Paunescu G. 2021. Waste management in agriculture. *Scientific Papers-Series Management Economic Engineering in Agriculture and Rural Development* 21 (3), pp.219-227.
https://managementjournal.usamv.ro/pdf/vol.21_3/volume_21_3_2021.pdf
16. Bonciu E., Paunescu R.A., (...); Olaru A.L. 2021. Some aspects regarding the food stability and the factors that influence it. *Scientific Papers-Series Management Economic Engineering in Agriculture and Rural Development* 21(3) , pp.229-237.
https://managementjournal.usamv.ro/pdf/vol.21_3/volume_21_3_2021.pdf
17. Dima M., Croitoru M., (...); Bajenaru M.F. 2021. Researches on the behavior of *Jerusalem artichoke* varieties grown on sandy soils in terms of nutritional quality of tubers. *Scientific Papers-Series Management Economic Engineering in Agriculture and Rural Development* 21 (3), pp.309-31.
http://managementjournal.usamv.ro/pdf/vol.21_3/Art35.pdf
18. Drăghici R., Drăghici I., Dima M., Croitoru M, Paraschiv A., Băjenaru M, Matei G., Ciurescu G. 2021. Management of fertilization with non-polluting products in the culture of Cowpea (*Vigna Unguiculata* L. Walp) in the sandy soils conditions. *Scientific Papers: Management, Economic Engineering in Agriculture & Rural Development* 21, no. 3.
http://managementjournal.usamv.ro/pdf/vol.21_3/Art36.pdf
19. Bonciu E., Rosculete E., (...); Olaru A.L. 2021. Some aspects of management of biological agents used in food biotechnology.

Scientific Papers-Series Management Economic Engineering in Agriculture and Rural Development 21 (1).

https://managementjournal.usamv.ro/pdf/vol.21_1/Art11.pdf

20. Paraschivu M., Cotuna O. 2021. Considerations on Covid 19 impact on agriculture and food security and forward-looking statements. Scientific Papers-Series Management Economic Engineering in Agriculture and Rural Development 21 (1).

https://managementjournal.usamv.ro/pdf/vol.21_1/Art66.pdf

3. Muscalu (Plescan) Oana Maria, Nedeff Valentin, Sandu Ioan Gabriel, Partal Elena, Mosnegutu Emilian, Barsan Narcis, Sandu Ion, Rusu Dragos. 2019. Influence on Main Works Systems on Physical and Chemical Properties of the Soil. Revista de Chimie, Volume 70, Issue 5, 1726-1730.

8 citări

1. Chitimus AD; Barsan N; (...); **Partal E.** 2020. Influence of Soil Fertilization Systems and Crop Rotation on Physical and Chemical Properties of the Soil. 7th International Conference on Energy Efficiency and Agricultural Engineering (EE and AE), pp. 1-5, doi: 10.1109/EEAE49144.2020.9278974.

<https://ieeexplore.ieee.org/document/9278974>

<https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000659299700016>

2. Mosnegutu E.F., Panainte-Lehadus M., (...); Tomozei C. 2020. Waste management evaluation in the context of sustainable development. case study. Vasile Alecsandri University Of Bacau. International Journal Of Conservation Science 11 (1) , pp.179-183.

<https://www.proquest.com/openview/0505862470438f5bb46ebbe881befe09/1?pq-origsite=gscholar&cbl=5327637>

3. Chitimus A.D., Nedeff F.M., (...); Tomozei C. 2019. Absorption Capacity of Copper and Lead in the Case of Phragmites Australis Plant Species. Revista de Chimie 70 (11), pp.4035-4039.

<https://revistadechimie.ro/pdf/54%20CHITIMUS%2011%2019.pdf>

<https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000503185300054>

4. Iosob G.A., Nedeff V., (...); Sandu I.G. 2019. The effect of heavy metals (copper and cadmium) on the germination of Bell pepper seeds (Capsicum annuum L. var. Dariana Bac). Revista De Chimie 70 (9), pp.3262-3266.

<https://revistadechimie.ro/pdf/38%20IOSOB%209%2019.pdf>

5. Tirtoaca O., Lehadus M.P.,(...); Sandu A.V. 2019. Experimental results regarding the groundwater quality in Bacau city, Romania. Revista de chimie 70 (9), pp.3378-3382.

<https://revistadechimie.ro/pdf/61%20TIRTOACA%209%2019.pdf>

6. Chitimus A.D., Nedeff V.,(...); Barsan N. 2019. Absorption capacity of heavy metals in the case of Typha latifolia plant species. Revista de Chimie 70 (8) , pp.3058-306.

<https://revistadechimie.ro/pdf/76%20CHITIMUS%208%2019.pdf>

7. Chitimus A.D., Nedeff V.,(...); Barsan N. 2019. Mathematical modeling for the absorption capacity of heavy metals from the soil in the case of phragmites Australis plant species. Revista de Chimie 70(7), pp.2545-2551.

<https://www.revistadechimie.ro/pdf/50%20CHITIMUS%207%2019.pdf>

8. Gradinaru A.C., Solcan G.,(...); Spataru C. 2019. The ecotoxicology of heavy metals from various anthropogenic sources and pathways for their bioremediation. Revista de chimie 70(7), pp.2556-2560.

<p>4. Stan O., Martura T., Partal E., Iordan H. 2016. Estimarea însușirilor de calitate și vigoare la sămânța noilor genotipuri de porumb, prin metoda coldtest și deteriorare controlată. Analele INCDA Fundulea, LXXXIV, 141-156.</p>	<p>https://revistadechimie.ro/pdf/52%20GRADINARU%207%2019.pdf 1 citare Vasilescu L., Stan O., Petcu E., Sîrbu A., Bude A., Petcu V. 2019. Seed vigour index estimation of some romanian winter barley breeding lines. Agronomy Series of Scientific Research/Lucrari Stiintifice Seria Agronomie, 61(2). http://agronomyjournal.usamv.ro/pdf/2019/issue_1/Art70.pdf</p>
<p>5. Partal E., Paraschivu M., Cotuna O. 2014. Influence of seeds treatment on the cereales production. Research Journal of Agricultural Science, 46(2), 270-276.</p>	<p>4 citări 1. Paraschivu, M., Matei, G., Cotuna, O., Paraschivu, M., & Drăghici, R. 2022. Management of pests and pathogens in rye crop in dry marginal environment in Southern Romania. Scientific Papers. Series A. Agronomy, 65(1), 466-474. https://agronomyjournal.usamv.ro/pdf/2022/issue_1/Art68.pdf 2. Bonciu E., 2020. Study regarding the cellular activity in garlic (<i>A. sativum</i>) bulbs affecting by <i>Sclerotium cepivorum</i>. Scientific Papers. Series A. Agronomy, LXIII, 1, pp.186-191. http://agronomyjournal.usamv.ro/pdf/2020/issue_1/Art24.pdf 3. Paraschivu M., Matei G., Cotuna O., Paraschivu, M., Drăghici R. 2021. Reaction of rye cultivars to leaf rust (<i>P. recondita</i> f. sp. <i>secalis</i>) in the context of climate change in dry area in southern Romania. Scientific Papers. Series A. https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art66.pdf 4. Paraschivu M, Cotuna O, Paraschivu M, Ciobanu A, Oltenacu C.V. Infection of <i>Erwinia Amylovora</i> on different apple varieties and the impact on fruits quality. Scientific Papers. Series B, Horticulture. Vol. LXV, No. 1, 2021 http://horticulturejournal.usamv.ro/pdf/2021/issue_1/Art29.pdf</p>
<p>6. Partal E., Sin G., Alionte E. 2013. The effect of management practices on the quality of wheat and maize harvest. Annals of the Academy of Romanian Scientists. Series on Agriculture, Silviculture and Veterinary Medicine Sciences, 2(1), 82-89.</p>	<p>4 citari 1. Paraschivu, M., Matei, G., Cotuna, O., Paraschivu, M., & Drăghici, R. 2022. Management of pests and pathogens in rye crop in dry marginal environment in Southern Romania. Scientific Papers. Series A. Agronomy, 65(1). https://agronomyjournal.usamv.ro/pdf/2022/issue_1/Art68.pdf 2. Bonciu E. 2020. Study regarding the cellular activity in garlic (<i>A. sativum</i>) bulbs affecting by <i>Sclerotium cepivorum</i>. Scientific Papers. Series A. Agronomy, LXIII, 1, 186-191. http://agronomyjournal.usamv.ro/pdf/2020/issue_1/Art24.pdf 3. Paraschivu Mirela, Gh Matei, Otilia Cotuna, M. Paraschivu, Reta Drăghici. 2021. Reaction of rye cultivars to leaf rust (<i>P. recondita</i> f. sp. <i>secalis</i>) in the context of climate change in dry area in southern Romania. Scientific Papers. Series A. Agronomy, Vol. LXIV, No. 1 (500-507). https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art66.pdf</p>

	<p>4. Paraschivu M., Cotuna O., Paraschivu M., Ciobanu A., Oltenacu C.V. 2021. Infection of <i>Erwinia Amylovora</i> on different apple varieties and the impact on fruits quality. Scientific Papers. Series B, Horticulture, Vol. LXV, Issue 1, Print ISSN 2285-5653, 211-219. http://horticulturejournal.usamv.ro/pdf/2021/issue_1/Art29.pdf</p>
<p>7. Sin Gheorghe, Partal, Elena. 2010. Influența rotației și a fertilizării asupra producțiilor de grâu și porumb în contextul variațiilor climatice. An. INCDA Fundulea, 78(1), 101-108.</p>	<p>1 citare Dragomir, C. L. (2019). Effect of different nitrogen doses in different winter wheat production. Scientific Papers. Series A. Agronomy, 62(1). http://agronomyjournal.usamv.ro/pdf/2019/issue_1/Art38.pdf</p>
<p>8. Paraschivu M., Cotuna, O., Partal E., Paraschivu M. 2014. Assessment of <i>Blumeria graminis</i> f. sp. tritici attack on different Romanian winter wheat varieties. Research Journal of Agricultural Science, 46(2), 264-269.</p>	<p>2 citari 1. Paraschivu Mirela, Gh Matei, Otilia Cotuna, M. Paraschivu, Reta Drăghici. 2021. Reaction of rye cultivars to leaf rust (<i>P. recondita</i> f. sp. secalis) in the context of climate change in dry area in southern Romania. Scientific Papers. Series A. Agronomy, Vol. LXIV, No. 1 (500-507). https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art66.pdf 2. Paraschivu M., Cotuna O., Paraschivu M., Ciobanu A., Oltenacu C.V. 2021, Infection of <i>Erwinia Amylovora</i> on different apple varieties and the impact on fruits quality. Scientific Papers. Series B, Horticulture, Vol. LXV, Issue 1, Print ISSN 2285-5653, 211-219. http://horticulturejournal.usamv.ro/pdf/2021/issue_1/Art29.pdf</p>
<p>9. Dragomir C. L., Partal E. 2016. Influence of different levels of water supply on production and economic efficiency under maize cultivated in Dobrogea region of Romania. Scientific Papers-Series A, Agronomy, 59, 289-293.</p>	<p>1 citare Bonciu E. 2020. Study regarding the cellular activity in garlic (<i>A. sativum</i>) bulbs affecting by <i>Sclerotium cepivorum</i>. Scientific Papers. Series A. Agronomy, LXIII, 1, 186-191. http://agronomyjournal.usamv.ro/pdf/2020/issue_1/Art24.pdf</p>
<p>10. Paraschivu M., Partal E., Paraschivu A. M. 2010. The influence of sowing time to the evolution of <i>Pyrenophora tritici-repentis</i> to a set of winter wheat varieties in ards Șimnic area. Annals of the University of Craiova-Agriculture, Montanology,</p>	<p>1 citare 1. Zală C. R. 2021. First report of loose smut-<i>Ustilago syntherismae</i> (Schweinitz) Peck ON <i>Digitaria sanguinalis</i> (L.) Scop. In Bucharest-Romania. Scientific Papers. Series A. Agronomy, Vol. LXIV, No. 1. http://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art83.pdf</p>

Cadastre Series, 40(1), 142-147.	
<p>11. Oana Maria Muscalu (Plescan), Valentin Nedeff, Alexandra Dana Chitimus, Ioan Gabriel Sandu, Elena Partal, Emilian Mosnegutu, Ion Sandu, Dragos Ioan Rusu. 2018. Influence of fertilization systems on physical and chemical properties of the soil. Revista de Chimie, Volume 69, Issue 11, Pages 3106-3111.</p>	<p>9 citări</p> <p>1. Artem V., Negreanu-Pirjol T.,(...); Negreanu-Pirjol B.S. 2021. Experimental studies on the residual marine and viticultural bioresources valorization for new organic fertilizers. University Politehnica Of Bucharest. Scientific Bulletin Series B-Chemistry And Materials Science 83 (2) , pp.65-7. https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezd61_128800.pdf</p> <p>2. Chitimus A.D., Nedeff F.M.,(...); Tomozei C. 2019. Absorption capacity of copper and lead in the case of phragmites australis plant species. Revista De Chimie 70(11) , pp.4035-4039 https://revistadechimie.ro/pdf/54%20CHITIMUS%2011%202019.pdf</p> <p>3. Iosob G.A., Nedeff V., (...); Sandu I.G. 2019. The effect of heavy metals (copper and cadmium) on the germination of Bell pepper seeds (Capsicum annum L. var. Dariana Bac). Revista De Chimie 70 (9). https://revistadechimie.ro/pdf/38%20IOSOB%2009%202019.pdf</p> <p>4. Tirtoaca O., Lehadus M.P., Sandu A.V. 2019. Experimental results regarding the groundwater quality in Bacau city, Romania. Revista de chimie 70 (9), pp.3378-3382. https://revistadechimie.ro/pdf/61%20TIRTOACA%2009%202019.pdf</p> <p>6. Eblin S.G., Anoh K.A.,(...); Sandu A.V. 2019. Mapping groundwater vulnerability to pollution in the region of Adiake, southeast coastal of Cote D'ivoire: a comparative study of three (3)methods. International Journal of Conservation Science 10 (3), pp.493-5. https://www.proquest.com/openview/3613f2da4c372a0a7acb23d3fce2a9ba/1?pq-origsite=gscholar&cbl=5327637</p> <p>7. Chitimus A.D., Nedeff V.,(...); Barsan N. 2019. Mathematical modeling for the absorption capacity of heavy metals from the soil in the case of Phragmites australis plant species. Revista De Chimie 70 (7) , pp.2545-2551 https://www.revistadechimie.ro/pdf/50%20CHITIMUS%2007%202019.pdf</p> <p>8. Gradinaru A.C., Solcan G.,(...); Spataru C. 2019. The ecotoxicology of heavy metals from various anthropogenic sources and pathways for their bioremediation. Revista de chimie 70 (7), pp.2556-2560. https://revistadechimie.ro/pdf/52%20GRADINARU%2007%202019.pdf</p> <p>9. Misaila L., Nedeff F.M., (...); Finaru A.L. 2019 . WATERSHED - Android application for the mineral waters classification. Revista de Chimie 70 (6) , pp.2212-2217 https://revistadechimie.ro/pdf/52%20GRADINARU%2007%202019.pdf</p>
12. Petcu, V., Ciornei, L, Simion, S.P., Grădilă, M.,	3 citări

<p>Burtan, S.L., Partal, E., 2022. 2022. Cover crops from winter wheat, triticale and peas cultivated in pure stands and mixtures—soil and weed suppression benefits. Romanian Agricultural Research, Nr.9. https://www.incda-fundulea.ro/rar/nr39/rar39.31.pdf</p>	<p>1. Constantinescu, M., Rodino, M., Butu, A., Butu, M., Todirică, C., Popa, M., ... & Sima, N. (2023). Nitrogen management trends for agricultural and environmental science. Romanian Agriculture Research, 40, 1-12. https://www.incda-fundulea.ro/rar/nr40fol/rar40.51.pdf</p> <p>2. Petcu, V., Bubueanu, C., Casarica, A., Săvoiu, G., Stoica, R., Bazdoaca, C., & Horhocea, D. EFFICACY OF Trichoderma harzianum and Bacillus subtilis as seed and vegetation application combined with integrated agroecology measures on maize. Romanian Agricultural Research, No. 40, 2023 https://www.incda-fundulea.ro/rar/nr40fol/rar40.59.pdf</p> <p>3. Cofas, E., & Bălăceanu, C. T. evaluation of the biomass energy production potential in agricultural holdings in relation to their size case study for cop farms in Romania. Romanian Agricultural Research, No. 40, 2023 https://www.incda-fundulea.ro/rar/nr40fol/rar40.6.pdf</p>
<p>13. Domnariu, H., Postolache, C., Avramescu, S., Lăcătușu, A. R., & Partal, E. 2022. Long term effects of tillage and fertilization upon microbiota of a Romanian Chernozem under maize monoculture. Geoderma Regional, 28, e00463. https://www.sciencedirect.com/science/article/abs/pii/S2352009421001085</p>	<p>1 citare</p> <p>1. Boyarshin, K. S., Adamova, V. V., Wentao, Z., Obuhova, O. Y., Kolkova, M. V., Nesterenko, V. A., ... & Batlutskaya, I. V. 2023. The Effect of Long-Term Agricultural Use on the Bacterial Microbiota of Chernozems of the Forest-Steppe Zone. Diversity, 15(2), 191. https://www.mdpi.com/1424-2818/15/2/191</p>
<p>14. Cotuna, O., Paraschivu, M., Sărățeanu, V., Partal E., Durău C.C. 2022. Impact of fusarium head blight epidemics on the mycotoxins' accumulation in winter wheat grains. Emirates Journal of Food and Agriculture, 34(11). https://www.ejfa.me/index.php/journal/article/view/2959/1660</p>	<p>1 citare</p> <p>1. Johns, L. E., Bebbler, D. P., Gurr, S. J., & Brown, N. A. (2022). Emerging health threat and cost of Fusarium mycotoxins in European wheat. Nature Food, 3(12), 1014-1019. https://www.nature.com/articles/s43016-022-00655-z</p>
<p>Citări după Google Scholar și Research Gate - BDI</p>	
<p>1. Petcu E., Babeanu N., Popa O., Partal E., Pricop S. M. 2010. Effect of</p>	<p>11 citări</p> <p>1. Wang, L., Wang, L., Tan, M., Yu, H., Wang, J., Li, Y., & Wang, L. 2022. Rapid identification and preliminary evaluation of quality</p>

planting date, plant population and genotype on oil content and fatty acid composition in sunflower. Romanian Agricultural Research 27 (27), 53-57

characters of oilseed sunflower by near infrared spectroscopy. Oil Crop Science, 7(3), 142-148.

<https://www.sciencedirect.com/science/article/pii/S209624282200029X>

2. Oshundiya F. O., Olowe V. I. O., Sowemimo F. A., Odedina J. N. 2014. Seed yield and quality of sunflower (*Helianthus annuus* L.) as influenced by staggered sowing and organic fertilizer application in the humid tropics. *Helia*, 37(61), 237-255.

<https://www.degruyter.com/document/doi/10.1515/helia-2014-0012/html>

3. Yasin M., Mahmood A., Ali A., Aziz M., Javaid M. M., Iqbal Z., Tanveer A. 2013. Impact of varying planting patterns and fertilizer application strategies on autumn planted sunflower hybrid. *Cercetari Agronomice in Moldova*, 56, 39-51.

https://www.researchgate.net/publication/271311774_Impact_of_Varying_Planting_Patterns_and_Fertilizer_Application_Strategies_on_Autumn_Planted_Sunflower_Hybrid

4. Aires Á. C. A. 2002. Calidad de aquenio y aceite de girasol. Efectos del genotipo, factores ambientales y su interacción y relación con el rendimiento y sus componentes (Doctoral dissertation, Universidad de Buenos Aires).

<https://core.ac.uk/download/pdf/144233891.pdf>

5. Emam S., Awad A. 2017. Impact of plant density and humic acid application on yield, yield components and nutrient uptakes of sunflower (*Helianthus annuus* L.) grown in a newly reclaimed soil. *Journal of Soil Sciences and Agricultural Engineering*, 8(11), 635-642. https://jssae.journals.ekb.eg/article_38094.html

6. Andrianasolo F., Debaeke P., Champolivier L., Maury P. 2016. Analysis and modelling of the factors controlling seed oil concentration in sunflower: a review. *OCL Oilseeds and fats crops and lipids*, 23(2), 1-12.

<https://pdfs.semanticscholar.org/3a7c/f20a5cfbc1964edd3dd226ed43efbd6f4d4c.pdf>

7. Yasin M., Mahmood A., Iqbal Z. 2011. Growth and yield response of autumn planted hybrid sunflower (*Helianthus annuus* L.) to varying planting densities under... *Int. J. Agric. Appl. Sci.* Vol, 3(2).

https://www.academia.edu/download/50829640/Growth_and_yield_response_of_autumn_plan20161211-21741-1q62ocx.pdf

8. Ravichandran S., Srinivasan K. 2017. Growth and yield of Kharif sown sunflower as influenced by plant density and nutrient management. *International Journal of Current Microbiology and Applied Sciences*, 6(7).

<https://www.ijcmas.com/abstractview.php?ID=3423&vol=6-7-2017&SNo=449>

9. Zidan M. A., Fayed T. B., ElSarag E. I., Hassanein M. K. 2015. Effect of sowing dates on performance of sunflower crop under northern of sinai conditions. *Sinai Journal of Applied Sciences*, 4(2), 59-68.

https://journals.ekb.eg/article_78497_a70454cd313f6c531cd0edcfecd20b4c.pdf

10. Mijić A., Liović I., Sudarić A., Gadžo D., Duvnjak T., Šimić B., Markulj Kulundžić A. 2021. Influence of Plant Density and Hybrid on Grain Yield, Oil Content and Oil Yield of Sunflower. *Agriculturae Conspectus Scientificus*, 86(1), 27-33. <https://hrcaj.srce.hr/file/370582>

11. Panaitescu L., Pricop S. M., Lungu M. L., Moise I., Panaitescu R., Niță S. 2016. Sustainable management of the grain sorghum crop-Sorghum bicolor L. in Dobrudja Plateau from Romania. *International Journal of Sustainable Agricultural Management and Informatics*, 2(1), 53-65.

<https://www.inderscienceonline.com/doi/abs/10.1504/IJSAMI.2016.077270>

2. **Partal E.**, Paraschivu M. 2020. Results regarding the effect of crop rotation and fertilization on the yield and qualities at wheat and maize in South of Romania. *Sci. Pap. Ser. A Agron*, 2, 184-189.

6 citări

1. Sălceanu, Călin, Mirela Paraschivu, Otilia Cotuna, Veronica Sărățeanu, Marilena Alina Prioteasa, and Iuliana Svetlana Flondor. "Global pesticide market: size, trends, forecasts." *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series* 52, no. 2 (2022):146-157.

<https://anale.agro-craiova.ro/index.php/aamc/article/view/1401/1326>

2. Paraschivu, M., Matei, G., Drăghici, R., Paraschivu, M., Cotuna, O. And Popa, L.D., 2022. Genetic and chemical approaches to manage rye leaf rust (*Puccinia recondita* F. Sp. Secalis) in natural conditions from marginal areas. *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series*, 52(2), pp.122-133.

<https://anale.agro-craiova.ro/index.php/aamc/article/view/1398/1323>

3. Astakhova Ya.V., Gasanova I.I., Kulyk A.O. 2021. Efficiency of winter wheat cultivation depending on sowing dates and fertilization in the Northern Steppe of Ukraine. *Bulletin of Poltava State Agrarian Academy*, (4), 91-97.

<https://journals.pdaa.edu.ua/visnyk/article/view/1577/1975>

4. Salceanu C, Oлару L.A., Popescu C.V., Dobre M., Gonța (Sună) L. M. 2021. Foliar and stem chemical control of the invasive species *Ailanthus Altissima* from pastures. *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series*, 51(2), 103-111.

<https://anale.agro-craiova.ro/index.php/aamc/article/view/1286/1215>

5. Dima M., Drăghici R., Elena E., Netcu F. 2021. Research on the influence of planting density on biomass production in Jerusalem artichoke grown on sandy soils. *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series*, 51(1), 97-104.

<https://anale.agro-craiova.ro/index.php/aamc/article/view/1194/1124>

6. Bonciu E., Păunescu R.A., Rosculete E., Florea D., 2021. The variability of some characters and their correlations with the yield of an extensive assortment of autumn wheat varieties, tested on the chernozem from ARDS Caracal. *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series*, 51(1), pp.244-260.

<https://anale.agro-craiova.ro/index.php/aamc/article/view/1284/1213>

3. Stan O., Martura T., Partal E., Iordan H. 2016. Estimarea însușirilor de calitate și vigoare la sămânța noilor genotipuri de porumb, prin metoda coldtest și deteriorare controlată. Analele INCDA Fundulea, LXXXIV, 141-156.

5 citări

1. Mihăilă, V., Corlăteanu, L., Melian, L., Ganea, A., & Gore, A. (2022). Determinarea potențialului de păstrare a genotipurilor din colecția de grâu comun (*Triticum aestivum* L.) în condițiile conservării ex situ. In Știința în Nordul Republicii Moldova: realizări, probleme, perspective (pp. 90-94). https://ibn.idsi.md/vizualizare_articol/157462
2. David I., 2018. Study of the germination capacity of maize seeds exposed to low temperatures. Annals" Valahia" University of Târgoviște-Agriculture, 12(1), pp.18-21. <https://www.cabdirect.org/cabdirect/abstract/20183231180>
3. David I., 2017. Researches on the influence of low temperatures on the germination capacity and vigor of the seeds of wheat varieties. Annals" Valahia" University of Târgoviște-Agriculture, 11(2), pp.1-5. <https://www.cabdirect.org/cabdirect/abstract/20183016545>
4. Mihăilă V., Corlăteanu L., Melian L., Ganea A., Gore A. 2022. Determinarea potențialului de păstrare a genotipurilor din colecția de grâu comun (*Triticum aestivum* L.) în condițiile conservării ex situ. In Știința în Nordul Republicii Moldova: realizări, probleme, perspective (pp. 90-94). https://ibn.idsi.md/sites/default/files/imag_file/p-90-94_0.pdf
5. Melian L., Corlăteanu L., Mihăilă V., Cuțitaru D. 2021. Evaluarea potențialului de păstrare a semințelor mostrelor din colecția de *Triticum durum* L. In Genetica, fiziologia și ameliorarea plantelor (pp. 68-71). https://ibn.idsi.md/sites/default/files/imag_file/68-71_40.pdf

4. Partal E., Paraschivu M., Cotuna O. 2014. Influence of seeds treatment on the cereales production. Research Journal of Agricultural Science, 46(2), 270-276.

4 citări

1. Sălceanu, C., Paraschivu, M., Cotuna, O., Sărățeanu, V., Prioteasa, M. A., & Flondor, I. S. 2022. GLOBAL PESTICIDE MARKET: SIZE, TRENDS, FORECASTS. Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series, 52(2), 146-157. <https://anale.agro-craiova.ro/index.php/aamc/article/view/1401/1326>
2. Paraschivu, M., Matei, G., Drăghici, R., Paraschivu, M., Cotuna, O., & Popa, L. D. 2022. Genetic and chemical approaches to manage rye leaf rust (*puccinia recondita* f. sp. *secalis*) in natural conditions from marginal areas. Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series, 52(2), 122-133. <https://anale.agro-craiova.ro/index.php/aamc/article/view/1398/1323>
3. Paraschivu M., Cotuna O., Paraschivu M., Olaru A. 2019. Effects of interaction between abiotic stress and pathogens in cereals in the context of climate change: an overview. Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series, 49(2), 413-424. <https://anale.agro-craiova.ro/index.php/aamc/article/view/992/938>
4. Paraschivu Mirela, Cotuna Otilia, Paraschivu Marius, Matei Gh. 2020. Three main pathogens that affect apples during storage and their influence on fruits quality. Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series, 50(2), pp.116-125. <https://anale.agro-craiova.ro/index.php/aamc/article/view/1097/1031>

<p>5. Partal E., Sin G., Alionte E. 2013. The effect of management practices on the quality of wheat and maize harvest. <i>Annals of the Academy of Romanian Scientists. Series on Agriculture, Silviculture and Veterinary Medicine Sciences</i>, 2(1), 82-89.</p>	<p>3 citări</p> <p>1. Sălceanu, C., Paraschivu, M., Cotuna, O., Sărățeanu, V., Prioteasa, M. A., & Flondor, I. S. 2022. Global pesticide market: size, trends, forecasts. <i>Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series</i>, 52(2), 146-157. https://anale.agro-craiova.ro/index.php/aamc/article/view/1401/1326</p> <p>2. Paraschivu, M., Matei, G., Drăghici, R., Paraschivu, M., Cotuna, O., & Popa, L. D. 2022. Genetic and chemical approaches to manage rye leaf rust (<i>Puccinia recondita</i> F. sp. secalis) in natural conditions from marginal areas. <i>Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series</i>, 52(2), 122-133. https://anale.agro-craiova.ro/index.php/aamc/article/view/1398/1323</p> <p>3. Paraschivu M., Cotuna, O., Paraschivu, M., Olaru A. 2019. Effects of interaction between abiotic stress and pathogens in cereals in the context of climate change: an overview. <i>Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series</i>, 49(2), 413-424. https://anale.agro-craiova.ro/index.php/aamc/article/view/992/938</p>
<p>6. Sin G., Partal, E. 2010. Influența rotației și a fertilizării asupra producțiilor de grâu și porumb în contextul variațiilor climatice. <i>An. INCDA Fundulea</i>, 78(1), 101-108.</p>	<p>3 citari</p> <p>1. Nijloveanu D., Bold N. 2015. A Random Algorithm for Generating Cropping-System Possibilities. In <i>The 10th International Conference on Virtual Learning, Timișoara, Romania</i>. http://c3.icvl.eu/papers2015/icvl/documente/pdf/section3/section3_paper4_9.pdf</p> <p>2. Dragomir C. L. 2018. Effect of different nitrogen doses on some autumn wheat production. <i>Lucrari Stiintifice, Universitatea de Stiinte Agricole Si Medicina Veterinara " Ion Ionescu de la Brad" Iasi, Seria Agronomie</i>, 61(2), 109-114. http://www.uaiasi.ro/revagrois/PDF/2018-2/paper/21.pdf</p> <p>3. Grigoras M. A., Popescu A., Pamfil D., Ioan H. A. S., Gidea M. 2012. Conservation agriculture versus conventional agriculture: the influence of agriculture system, fertilization and plant protection on wheat yield. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i>, 40(1), 188-194. https://www.notulaebotanicae.ro/index.php/nbha/article/view/7528/6842</p>
<p>7. Paraschivu M., Cotuna, O., Partal E., Paraschivu M. 2014. Assessment of <i>Blumeria graminis</i> f. sp. tritici attack on different Romanian winter wheat varieties. <i>Research Journal of Agricultural Science</i>, 46(2), 264-269.</p>	<p>1 citare</p> <p>1. Trifan, D., Lungu, E. 2015. Studies on the Influence of Active Substances from Medicinal Plants on Some Pathogen of Wheat Crops. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture</i>, 72(2), 603-605. https://journals.usamvcluj.ro/index.php/agriculture/article/viewFile/11378/9508</p>
<p>8. Sin Gheorghe, Partal E. 2012. Effect of sowing date and plant density on sunflower yield and its main components. <i>Proceedings I</i></p>	<p>1 citare</p> <p>1. Degianski A., Pîrșan P. 2018. Assessment of the interaction between some technological factors and environmental conditions regarding sunflower yield. <i>JOURNAL of Horticulture, Forestry and Biotechnology</i>, 22(2), 69-75. https://www.usab-tm.ro/Journal-HFB/2018/Volum%2022(2)%20PDF/13Degianski%20Alexander.pdf</p>

<p>8th ISC, Mar del Plata, Argentina.</p>	
<p>9. Cotuna O., Paraschivu M., Sărățeanu V., Partal E., Durău C. C. 2021. Influence of Fusarium graminearum Infection on the Accumulation of Mycotoxins in Wheat Grains</p>	<p>1 citare 1. Berényi A., Tóth B., Cseuz L., Mesterházy Á., Vágvölgyi C., Meszlényi T. 2021. Natural fusarium toxin contamination of wheat in southern part of Hungary. Review on Agriculture and Rural Development, 10(1-2), 65-70. http://www.analecta.hu/index.php/rard/article/view/39183/42558</p>
<p>10. Muscalu O. M., Nedeff V., Sandu I. G., Partal E., Mosnegutu E., Barsan N., Rusu D. 2019. Influence of main works systems on physical and chemical properties of the soil. Rev. Chim., 70(5), 1726-1730.</p>	<p>1 citare Chitimus A. D., Barsan N., Mosnegutu E., Corobana A., Nedeff V., Muscalu O. M., Partal, E. 2020. Influence of soil fertilization systems and crop rotation on physical and chemical properties of the soil. 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE) (pp. 1-5). IEEE. https://ieeexplore.ieee.org/abstract/document/9278974</p>
<p>11. Cotuna O., Paraschivu M., Sărățeanu V., Partal E., Durău C.C. Influence of Fusarium graminearum infection on the accumulation of mycotoxins in wheat grains. Preprints 2021, 2021060429. Doi: 10.20944/preprints202106.0429.v.</p>	<p>1 citare Attila Berényi, Ákos Mesterházy, László Cseuz, Csaba Vágvölgyi, Tamás Meszlényi, Beáta Tóth. Natural fusarium toxin contamination of wheat in southern part of Hungary. Review on Agriculture and Rural Development 2021 vol. 10 (1-2) ISSN 2677-0792. DOI: 10.14232/rard.2021.1-2.65-70. https://epa.oszk.hu/04100/04130/00013/pdf/EPA04130_rard_2021_01-02_065-070.pdf</p>
<p>12. Petcu, V., Ciornei, L., Simion, S.P., Grădilă, M., Burtan, S.L., Partal, E., 2022. Cover crops from winter wheat, triticale and peas cultivated in pure stands and mixtures—soil and weed suppression benefits. Romanian Agricultural Research, Nr.9. https://www.incdafundulea.ro/rar/nr39/rar39.31.pdf</p>	<p>1 citare 1. Petcu, V., & Traian, C. 2022. Beneficiile culturilor de acoperire asupra culturilor agricole. In Culturile de acoperire: investiție pentru terenul agricol (pp. 64-84). Total Publishing. https://orprints.org/id/eprint/45864/1/Victor%20Petcu%20-%20Cioroianu%20Traian%20-%20Cap%20II%20-%20Beneficiile%20culturilor%20de%20acoperire%20asupra%20culturilor%20agricole.pdf</p>
<p>13. Domnariu, H., Postolache, C., Avramescu, S., Lăcătușu, A. R., & Partal, E. (2022). Long term effects of tillage and fertilization upon microbiota of a Romanian</p>	<p>2 citări 1. Česna, J., Golub, G., Kukharets, S., Hutsol, T., Medvedskyi, O., Slobodian, S., ... & Stroianovska, L. (2022). Substantiation of the Radius of Curvature of the Chisel Plow Point of the Working Bodies of Tillage Implements. Agricultural Engineering, 26(1), 231-241. http://www.tsatu.edu.ua/ettp/wp-content/uploads/sites/25/10.2478_agriceng-2022-0018-2.pdf</p>

<p>Chernozem under maize monoculture. Geoderma Regional, 28, e00463. https://www.sciencedirect.com/science/article/abs/pii/S2352009421001085</p>	<p>2. Petcu, E., Lazăr, C., Partal, E., Conțescu, L., & Horhocea, D. The influence of genotype, soil tillage and fertilisation on carbon sequestration in maize. Journal of Applied Life Sciences and Environment. Vol. 55, Issue 3 (191) / 2022: 351-361. https://jurnalalse.com/wp-content/uploads/ALSE3-2022-09.pdf</p>
<p>14. Cotuna, O., Paraschivu, M., Sărățeanu, V., Partal E., Durău C.C. 2022. Impact of fusarium head blight epidemics on the mycotoxins' accumulation in winter wheat grains. Emirates Journal of Food and Agriculture, 34(11). https://www.ejfa.me/index.php/journal/article/view/2959/1660</p>	<p>2 citări</p> <p>1. Ford, M. N. (2021). Investigating the Effects of Non-thermal Air Plasma on Five Grains and Their Economically Important Pathogens (Doctoral dissertation). https://digital.library.adelaide.edu.au/dspace/handle/2440/136022</p> <p>2. Berényi, A., Mesterházy, Á., Cseuz, L., Vágvölgyi, C., Meszlényi, T., & Tóth, B. (2021). Natural Fusarium Toxin Contamination of Wheat in Southern Part of Hungary. Review on Agriculture and Rural Development, 10(1-2), 65-70. http://www.analecta.hu/index.php/rard/article/view/39183</p>

Semnatura,



Dr. ing. PARTAL Elena