Listă de lucrări

Teza de doctorat

Elena Partal, 2008 – "Eficienta unor metode tehnologice in conservarea si valorificarea apei si reducerea inputurilor la cultura graului de toamna / Efficiency of some technological methods in water preservation and utilization and input diminution at winter wheat - USAMV Bucureşti.

1. Cărți sau capitole în cărți de specialitate

1. Sin, G., **Partal Elena.** 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
2. Castellanos-Navarrete A.; Govaerts B, Compendium of deliverables of the conservation agriculture course 2008. CIMMYT. (**Capitol 3:** „The influence of different tillage and residue (mulch) on soil moisture for rain-fed crops", pag. 15-19; - autor **Partal Elena**). 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. **Elena Partal**. 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
2. Victor Petcu, Laurențiu Ciornei, Simona-Petruța Simion, Marga Grădilă, Simona Lavinia Burtan, **Elena Partal**. 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
3. **Partal Elena**. 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
4. Domnariu Horia, Postolache Carmen, Avramescu Sorin, Lăcătușu Anca-Rovena, **Partal Elena**. 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
5. **Partal Elena,** Oltenacu Catalin Viorel, Petcu Victor. 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. SSN 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

6. Petcu Elena, Lazăr Cătălin, Predoi Daniela, Carmen Cîmpeanu, Predoi Gabriel, Bartha Szilárd, Vlad Ioana Andra, **Partal Elena**. 2021. The effect of hydroxyapatite and irone 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
7. Elena Petcu, Liliana Vasilescu, **Elena Partal**. 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
8. **Elena Partal**, Mirela Paraschivu. 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. 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
9. 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
10. Muscalu Plescan Oana-Maria, Nedeff Florin-Marian, **Partal Elena**, Mosnegutu Emilian, Panainte-Lehadus Mirela, Irimia Oana, Tomozei Claudia. 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=cscc6&num=201904&vol=4&aid=4958
11. 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. (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. https://doi.org/10.37358/RC.19.5.7202 **WOS:000470086400043** https://revistadechimie.ro/pdf/43%20MUSCALU%20PLESCAN%205%2019.pdf
12. Oana Maria Muscalu (Pleşcan), Valentin Nedeff, Ioan Gabriel Sandu, Alexandra Dana Chiţimuş, **Elena Partal**, Narcis Bârsan, Dragos Ioan Rusu, 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. https://doi.org/10.37358/RC.19.2.6951. WOS:000461982200036
https://revistadechimie.ro/pdf/36%20MUSCALU%202%2019.pdf

13. 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. (FI 2018 = 1.605). 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.
https://doi.org/10.37358/RC.18.11.6692 **WOS:000451931500031**
http://bch.ro/pdfRC/31%20MUSCALU%2011%2018.pdf
14. Petcu Elena, Băbeanu Narcisa, Popa Ovidiu, **Partal Elena**, Pricop Simona-Mariana. 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.incda-fundulea.ro/rar/nr27/rar27.8.pdf

BDI

15. Cotuna Otilia, Paraschivu Mirela, Sărățeanu Veronica, **Partal Elena,** Durău Carmen Claudia. 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
16. Barsan Narcis, Chitimus Alexandra Dana, Muscalu (Plescan) Oana Maria, Nedeff Florin Marian, Sandu Ion, **Partal Elena**, Sandu Andrei Victor, Panainte Lehadus Mirela. 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
17. Gheorghe Măturaru, Mihaela Şerban, **Elena Partal**. 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
18. **Elena Partal**, Mihaela Șerban, Gheorghe Maturaru. 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
19. 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
20. Stan Olga, Martura Teodor, **Partal Elena**, Iordan Horia. 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
21. Otilia Cotuna, Veronica Sarateanu, Carmen Durau, Mirela Paraschivu, **Elena Partal**. 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
22. Paraschivu Mirela, Cotuna Otilia, **Partal Elena**, Paraschivu Mirela. 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

23. **Elena Partal**, Mirela Paraschivu, Otilia Cotuna. 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
24. **Partal Elena,** Sin Gheorghe, Alionte Eliana. 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
25. Paraschivu Mirela, Paraschivu Marius, **Partal Elena**, Oltenacu Viorel Cătălin. 2012. Influence of cultivar and planting density on the attack of Phytophthora infestans pathogen and the yield. Analele Universității din Craiova-Biologie, Horticultură, Tehnologia Prelucrarii 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
26. Paraschivu Marius, **Partal Elena**, Paraschivu Mirela, Oltenacu Viorel Cătălin. 2012. Influence of treatment with various fungicides formulations on specific pathogens attack to tomato crops. Analele Universității din Craiova, Biologie, Horticultură, Tehnologia Prelucrarii 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
27. **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
28. **Partal Elena**, Paraschivu Mirela, Oltenacu Cătălin Viorel, Paraschivu Marius. 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
29. Sin Gheorghe, **Partal Elena**. 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
30. **Elena Partal,** Mirela Paraschivu, Catalin Viorel Oltenacu. 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
31. Marius Paraschivu, **Elena Partal**, Mirela Paraschivu. 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
32. Paraschivu Mirela, **Partal Elena**, Paraschivu Aurelian Marius. 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, E-ISSN2066-950X. https://www.cabdirect.org/cabdirect/FullTextPDF/2011/20113270601.pdf

33. **Partal Elena**, Paraschivu Mirela, Oltenacu Catalin Viorel. 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, E-ISSN2066-950X. https://www.cabdirect.org/cabdirect/FullTextPDF/2011/20113270602.pdf
34. Sin, Gheorghe, **Partal Elena**. 2010. Influenţa rotaţiei şi a fertilizării asupra producţiilor de grâu şi porumb în contextul variaţiilor climatice. AN. I.N.C.D.A. Fundulea, Vol. LXXVIII, NR. l., pp.101-108. ISSN 2067-5631 (print) şi ISSN 2067+7758 (on line). https://www.incda-fundulea.ro/anale/78/78.9.pdf
35. **Partal Elena**, Paraschivu Mirela, Oltenacu Catalin Viorel. 2010. Influenţa epocii de semănat asupra producţiei şi elementelor de productivitate la graul de toamnă. Analele Universităţii 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 ştiinţifice internaţionale recunoscute din ţară şi din străinătate (cu ISSN sau ISBN)

-

4. Brevete de invenţie

-

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

Program/denumire proiect	Perioada de derulare/funcţia în cadrul proiectului
1. 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 naţional
2. Proiect nucleu P.N. 09- 25.03.01 – Elaborarea de secvenţe tehnologice noi, specifice agriculturii durabile	2009-2011 Responsabil proiect
3. Proiect Nucleu, PN 16-16.03.02 - Cercetări privind îmbunătăţirea şi diversificarea tehnologiilor de cultură pentru plantele de cultura în sistem conventional, responsabil proiect	2016-2017 Responsabil proiect
4. Proiect Nucleu, PN 16-16.03.01 - Cercetări privind stabilirea tehnologiei culturii mazării de toamnă	2016-2017 Responsabil proiect
5. Proiect Nucleu, PN 18-39.03.01- Perfecţionarea tehnologiilor de cultură ale principalelor culturi de câmp, vizând reducerea impactului negativ al acestora asupra mediului şi îmbunătăţirea eficienţei de valorificare a resurselor naturale	2016-2018 Responsabil proiect
6. Proiect Sectorial ADER 1.5.4 - Cercetări cu privire la influenţa diferitelor metode de lucrare a solului asupra gradului de îmburuienare, compoziţiei floristice a speciilor de buruieni, în culturile de câmp şi dinamicii apei în sol la culturile de camp	2019-2022 Director proiect

7. Proiect Nucleu P.N. 19.25.04.01 - Reducerea impactului negativ al schimbărilor climatice asupra performanţelor de producţie şi calitate la principalele culturi de câmp, prin elaborarea de secvenţe tehnologice novative şi integrarea acestora în tehnologii de cultură performante şi sustenabile	2019-2022 Responsabil proiect
8. Proiect Sectorial ADER 1.2.1. - Identificarea de genotipuri de cereale, oleaginose şi plante furajere şi elaborarea de elemente tehnologice inovative, adaptate impactului schimbărilor climatice	2011-2015 Membru în echipă
9. PS 2.3.2 – Sisteme de lucrare a solului adaptate condiţiilor locale, orientate spre protecţia starii agrofizice a solului, a conservarii apei si a optimizarii economice a managementului agricol	2006-2009 Membru în echipă
10. P.N. 07 – 42.02.01- Elaborarea de tehnologii integrate privind managementul apei, elementelor nutritive şi metodelor culturale pentru obţinerea de produse agricole sănătoase şi cu valoare nutritivă ridicată la plantele de câmp	2006-2009 Membru în echipă
11. P.S. 2.3.1 - Elaborarea de tehnologii integrate şi performante de utilizare a resurselor naturale, de creştere a eficienţei inputurilor, conservarea solului şi protecţia mediului pentru principalele culturi de câmp	2006-2010 Membru în echipă
12. P.P.A. 8 - Sisteme de agricultură, tehnologii şi metode agrotehnice de utilizare eficientă a apei şi reducerea efectelor secetei	2001-2004 Membru în echipă
13. 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 şi volumele conferinţelor 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 acid composition in sunflower. Romanian Agricultural Research 27 (27), 53-57	**6 citări** 1. 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 2. 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-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000444528000061 3. Popa M., Anton G. F., Rişnoveanu 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 4. 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 5. 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

	(Helianthus annuus L.) oil. JAPS: Journal of Animal & Plant Sciences, 27(4). http://www.thejaps.org.pk/docs/v-27-04/38.pdf 6. 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
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.	**16 citari** 1. 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 2. De Souza, CP and 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://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000798307300018 3. Are food waste and food loss a real threat for food security. Paraschivu, M; Cotuna, O; (...); Sarateanu, V 2022 | Scientific Papers-Series Management Economic Engineering In Agriculture And Rural Development 22 (1) , pp.479-484. https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000798307300056. 4. 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 5. Bonciu E., Liman R., Cigerci İ.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 6. Bonciu E., Liman R., Cigerci İ. 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 7. 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 8. 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 9. 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

	10. 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 11. Waste management in agriculture,. Bonciu, E; Paunescu, RA; (...); Paunescu, G. 2021 | Scientific Papers-Series Management Economic Engineering In Agriculture And Rural Development 21 (3) , pp.219-227. https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000702305500024 12. Some aspects regarding the food stability and the factors that influence it Bonciu, E; Paunescu, RA; (...); Olaru, AL 2021 | Scientific Papers-Series Management Economic Engineering In Agriculture And Rural Development 21 (3), pp.229-237 https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000702305500025 13. Researches on the behavior of jerusalem artichoke varieties grown on sandy soils in terms of nutritional quality of tubers, Dima, M; Croitoru, M; (...); Bajenaru, MF 2021 | 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 14. Drăghici R., Drăghici I., Dima M., Croitoru M, Paraschiv A., Băjenaru M, Matei G., Ciurescu G. 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 (2021). http://managementjournal.usamv.ro/pdf/vol.21_3/Art36.pdf 15. Some aspects of management of biological agents used in food biotechnology. Bonciu, E; Rosculete, E; (...); Olaru, AL 2021 | Scientific Papers-Series Management Economic Engineering In Agriculture And Rural Development 21 (1) , pp.93-9 https://managementjournal.usamv.ro/pdf/vol.21_1/Art11.pdf 16. Considerations on covid 19 impact on agriculture and food security and forward-looking statements. Paraschivu, M and Cotuna, O. 2021 | Scientific Papers-Series Management Economic Engineering In Agriculture And Rural Development 21 (1) , pp.573-581. 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. https://revistadechimie.ro/pdf/52%20GRADINARU%207%2019.pdf
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.	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
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.	3 citări 1. Bonciu E., 2020. Study regarding the cellular activity in garlic (A. sativum) bulbs affecting by Sclerotium cepivorum. Scientific Papers. Series A. Agronomy, LXIII, 1, pp.186-191. http://agronomyjournal.usamv.ro/pdf/2020/issue_1/Art24.pdf 2. Paraschivu M., Matei G., Cotuna O., Paraschivu,M., Drăghici 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. https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art66.pdf 3. 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
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	3 citari 1. Bonciu E. 2020. Study regarding the cellular activity in garlic (A. sativum) bulbs affecting by Sclerotium cepivorum. Scientific Papers. Series A. Agronomy, LXIII, 1, 186-191. http://agronomyjournal.usamv.ro/pdf/2020/issue_1/Art24.pdf

Scientists. Series on Agriculture, Silviculture and Veterinary Medicine Sciences, 2(1), 82-89.	2. Paraschivu Mirela, Gh Matei, Otilia Cotuna, M. Paraschivu, Reta Drăghici. 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 (500-507). https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art66.pdf 3. Paraschivu M., Cotuna O., Paraschivu M., Ciobanu A., Oltenacu C.V. 2021. Infection of *Erwinia Amylovora* 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
7. Sin Gheorghe, **Partal, Elena**. 2010. Influenţa rotaţiei şi a fertilizării asupra producţiilor de grâu şi porumb în contextul variaţiilor climatice. An. INCDA Fundulea, 78(1), 101-108.	1 citare Dragomir, C. L. (2019). Effect of different nitrogen doses in different winter wheat production. Scientific Papers. Series A. Agronomy, 62(1), 272-277. http://agronomyjournal.usamv.ro/pdf/2019/issue_1/Art38.pdf
8. 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, 46(2), 264-269.	2 citari 1. Paraschivu Mirela, Gh Matei, Otilia Cotuna, M. Paraschivu, Reta Drăghici. 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 (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 Erwinia Amylovora 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
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.	1 citare Bonciu E. 2020. Study regarding the cellular activity in garlic (A. sativum) bulbs affecting by Sclerotium cepivorum. Scientific Papers. Series A. Agronomy, LXIII, 1, 186-191. http://agronomyjournal.usamv.ro/pdf/2020/issue_1/Art24.pdf
10. 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 Şimnic area. Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series, 40(1), 142-147.	1 citare 1. Zală C. R. 2021. First report of loose smut-Ustilago syntherismae (Schweinitz) Peck ON Digitaria sanguinalis (L.) Scop. In Bucharest-Romania. Scientific Papers. Series A. Agronomy, Vol. LXIV, No. 1. http://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art83.pdf

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.	9 citari 1. Experimental studies on the residual marine and viticultural bioresources valorization for new organic fertilizers. Artem, V; Negreanu-Pirjol, T; (...); Negreanu-Pirjol, BS 2021 | 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 2. Absorption Capacity of Copper and Lead in the Case of Phragmites Australis Plant SpeciesChitimus, AD; Nedeff, FM; (...); Tomozei, C Nov 2019 | REVISTA DE CHIMIE 70 (11) , pp.4035-4039 3. The Effect of Heavy Metals (Copper and Cadmium) on the Germination of Bell Pepper Seeds (Capsicum annuumL. var. Dariana Bac) Iosob, GA; Nedeff, V; (...); Sandu, IG Sep 2019 | REVISTA DE CHIMIE 70 (9), pp.3262-3266. 4. Experimental Results Regarding the Groundwater Quality in Bacau City, Romania. Tirtoaca , O; Lehadus, MP; (...); Sandu, AV Sep 2019 | REVISTA DE CHIMIE 70 (9) , pp.3378-3382. 5. Absorption Capacity of Heavy Metals in the Case of Typha Latifolia Plant Species. Chitimus, AD; Nedeff, V; (...); Barsan, N Aug 2019 | REVISTA DE CHIMIE 70 (8) , pp.3058-3061. 6. Mapping groundwater vulnerability to pollution in the region of adiake, southeast coastal of cote d'ivoire: a comparative study of three (3) methods. Eblin, SG; Anoh, KA; (...); Sandu, AV Jul-sep 2019 | International Journal Of Conservation Science 10 (3) , pp.493-5. https://www.proquest.com/openview/3613f2da4c372a0a7acb23d3fce2a9ba/1?pq-origsite=gscholar&cbl=5327637 7. Mathematical Modeling for the Absorption Capacity of Heavy Metals from the Soil in the Case of Phragmites Australis Plant Species Chitimus, AD; Nedeff, V; (...); Barsan, N Jul 2019 | REVISTA DE CHIMIE 70 (7) , pp.2545-2551 8. The Ecotoxicology of Heavy Metals from Various Anthropogenic Sources and Pathways for their Bioremediation Gradinaru, AC; Solcan, G; (...); Spataru, C Jul 2019 | REVISTA DE CHIMIE 70 (7) , pp.2556-2560 9. WATERSHED - Android Application for the Mineral Waters Classification Misaila, L; Nedeff, FM; (...); Finaru, AL Jun 2019 | REVISTA DE CHIMIE 70 (6) , pp.2212-2217 https://revistadechimie.ro/pdf/52%20GRADINARU%207%2019.pdf
Citări după Google Scholar și Research Gate - BDI	
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 acid composition in sunflower. Romanian Agricultural Research 27 (27), 53-57	**10 citari** 1. 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 2. 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 3. 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 4. 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 5. 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 6. 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 7. 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), 4315-22. https://www.ijcmas.com/abstractview.php?ID=3423&vol=6-7-2017&SNo=449 8. 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 9. 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://hrcak.srce.hr/file/370582 10. 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.	4 citări 1. 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 2. Salceanu C, Olaru L.A., Popescu C.V., Dobre M., Gonţa (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 3. 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 4. 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.	4 citări 1. 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 2. 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 3. Mihăilă V., Corlăteanu L., Melian L., Ganea A., Gore A. 2022. Determinarea potenţialului de păstrare a genotipurilor din colecţia de grâu comun (Triticum aestivum L.) în condiţiile conservării ex situ. In Ştiinţa în Nordul Republicii Moldova: realizări, probleme, perspective (pp. 90-94). https://ibn.idsi.md/sites/default/files/imag_file/p-90-94_0.pdf 4. Melian L., Corlăteanu L., Mihăilă V., Cuțitaru D. 2021. Evaluarea potenţialului de păstrare a seminţelor mostrelor din colecţia de Triticum durum L. In Genetica, fiziologia şi 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.	2 citari 1.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 2. 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
5. **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.	1 citare 1. 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
6. Sin Gheorghe, **Partal, Elena**. 2010. Influenţa rotaţiei şi a fertilizării asupra producţiilor de grâu şi porumb în contextul variaţiilor climatice. An. INCDA Fundulea, 78(1), 101-108.	3 citari 1. Nijloveanu D., Bold N. 2015. A Random Algorithm for Generating Cropping–System Possibilities. In The 10th International Conference on Virtual Learning, Timişoara, Romania. http://c3.icvl.eu/papers2015/icvl/documente/pdf/section3/section3_paper49.pdf 2. Dragomir C. L. 2018. Effect of different nitrogen doses on some autumn wheat production. Lucrari Stiintifice, Universitatea de Stiinte Agricole Si Medicina Veterinara" Ion Ionescu de la Brad" Iasi, Seria Agronomie, 61(2), 109-114. http://www.uaiasi.ro/revagrois/PDF/2018-2/paper/21.pdf

	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. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 40(1), 188-194. https://www.notulaebotanicae.ro/index.php/nbha/article/view/7528/6842
7. 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, 46(2), 264-269.	1 citare 1. Trifan, D., Lungu, E. 2015. Studies on the Influence of Active Substances from Medicinal Plants on Some Pathogen of Wheat Crops. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture, 72(2), 603-605. https://journals.usamvcluj.ro/index.php/agriculture/article/viewFile/11378/9508
8. Sin Gheorghe, **Partal E.** 2012. Effect of sowing date and plant density on sunflower yield and its main components. *Proceedings18th ISC, Mar del Plata, Argentina.*	1 citare 1. Degianski A., Pîrşan P. 2018. Assessment of the interaction between some technological factors and environmental conditions regarding sunflower yield. JOURNAL of Horticulture, Forestry and Biotechnology, 22(2), 69-75. https://www.usab-tm.ro/Journal-HFB/2018/Volum%2022(2)%20PDF/13Degianski%20Alexander.pdf
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	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
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.	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
11. Cotuna Otilia, Paraschivu Mirela, Sărățeanu Veronica, **Partal Elena,** Durău Carmen Claudia. Influence of Fusarium graminearum infection on the accumulation of mycotoxins in wheat grains. Preprints 2021, 2021060429. Doi: 10.20944/preprints 202106.0429.v.	1 citare Attila Berényi1, 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

Dr. ing. PARTAL Elena partal-