



LISTA INTEGRALĂ A LUCRĂRILOR ȘTIINȚIFICE

I. Articole in extenso în reviste cotate ISI cu factor de impact

1. Cara Irina Gabriela, Topa D*, Puiu, I, Jitareanu, G., 2022 - Biochar a promising strategy for pesticide-contaminated soils, Agriculture-Basel, Volume12, Issue10, DOI10.3390/agriculture12101579, WOS:000874171300001 **autor corespondent** (FI 3.408).

2. Fortuna Maria E., Ungureanu Elena, Jitareanu Doina, **Țopa D.**, Harabagiu Valeria, 2022 - Effects of Hybrid Polymeric Material Based on Polycaprolactone on the Environment. MDPI Materials Volume15, Issue14, DOI10.3390/ma15144868. WOS:000833611900001 (FI 3.748).

3. Teliban, GC, Stoleru, V., Birescu Geanina, Mihalache Gabriela, Burducea, M., Munteanu, N., **Țopa, D.**, Gheorghe, M., Radeanu Georgiana, Popa Lorena-Diana, Vladut, NV, 2022 - The response of runner bean crop to irrigation and fertilization. Romanian Agricultural Research, vol. 39, ISSN 1222-4227, WOS:000797195000026 (FI 0.671).

4. **Țopa D.**, Cara Irina Gabriela*, Jităreanu G., 2021 - Long term impact of different tillage systems on carbon pools and stocks, soil bulk density, aggregation and nutrients: A field meta-analysis. Catena, vol .199. WOS:000608022600018 (FI 6.367).
<https://doi.org/10.1016/j.catena.2020.105102>.

5. Cara Irina Gabriela, Filip Manuela, Bulgariu Laura, Raus L., **Țopa D***, Jităreanu G., 2021 - Environmental remediation of metribuzin herbicide by mesoporous carbon- rich from wheat straw: MDPI – Applied Sciences, WOS:000659600400001, **autor corespondent** (FI 2.838). <https://doi.org/10.3390/app11114935>.

6. Cara Irina Gabriela[†], **Țopa D.[†]**, Raus L.*, Calistru Anca Elena, Filipov F., Jitareanu G., 2021 - Selective and Sensitive Quantification of Acetochlor and S-Metolachlor in Maize and Soybean Plant Samples by Gas Chromatography-Tandem Mass Spectrometry. MDPI, vol - Agriculture. ([†]**These authors contributed equally to this paper**). WOS:000642620800001, (FI 3.408). <https://doi.org/10.3390/agriculture11040283>

7. Simioniuc, D.P., Simioniuc, V., **Țopa D.**, van den Berg, M., Prins, U., Bebeli Penelope, Gabur, I., 2021 - Assessment of Andean lupin (*Lupinus mutabilis*) Genotypes for Improved Frost Tolerance. MDPI - Agriculture. Volume11 Issue 2., WOS:000621995600001, (FI 3.408) DOI10.3390/agriculture11020155.

8. Corduneanu Flaviana, **Țopa, D***, Balan, Isabela-Elena, Balan, I., Boti, I., Pricop, C., Cretu Alina, Bucur, D., 2021 - Northeast Romania water resources management in the context of climate change issue - Iasi County case study. Romanian Agricultural Research, vol. 38, ISSN 1222-4227, WOS:000681706500043, **autor corespondent** (FI 0.671).

9. Burtan Lavinia, **Țopa D.***, Gerard Jităreanu, Calistru Anca Elena, Lucian Răus, Cara Irina Gabriela, Sirbu Carmen, Cioroianu Traian, 2020 - The influence of conservative tillage systems on physicochemical properties and yield under a Cambic Chernozem from Northeastern part of Romania. Romanian Agricultural Research, no. 37, WOS:000640525700018, **autor corespondent** (FI 0.671).



10. Cara Irina Gabriela, **Topa D.**, Calistru Anca Elena, Motrescu Iuliana, Bulgariu Laura, Jităreanu G.*, 2020. Agri-wastes as a low-cost adsorbent for nicosulfuron herbicide - Environmental Engineering and Management Journal, volume 19/2020, No. 2., ISSN: 1582-9596, eISSN: 1843-3707, WOS:000531733600015, (FI 2018 – 1.186).

11. Răus L., Jităreanu G., Ailincăi C., Pârvan Lavinia, **Topa D.***, 2016 - Impact of different soil tillage systems and organo-mineral fertilization on physical properties of the soil and on crops yield in pedoclimatical conditions of Moldavian Plateau. Romanian Agricultural Research, no. 33, WOS:000387093600013, **autor corespondent** (FI 0.671).

12. Calistru Anca Elena, **Topa D.**, Rostek, J., Puschmann, D.u., Peth, S., Horn, R. Jitareanu, G - 2016. Soil physical properties and winter wheat yield as affected by different tillage systems. Journal of Environmental Protection and Ecology. Volume: 17, Issue: 3, Pages: 978-989. ISSN 1311-5065, WOS:000385910400017, (FI 0.507).

13. Cara Irina Gabriela, Lucia Carmen Trinca, Alina Elena Trofin, Ana Cazacu, **Topa D.**, Catalina Anisoara Peptu, Jitareanu G., 2015 - Assessment of some straw-derived materials for reducing the leaching potential of Metribuzin residues in the soil. Applied Surface Science 358 (2015) 586–594, WOS:000366220500012, (FI 7.392).

II. Articole in extenso în reviste cotate ISI fără factor de impact (Emerging Sources Citation Index)

1. Filipov, F., Capsuna, S., Aostacioaei, T., **Topa, D*.**, 2021 - Amplification of compaction and salinization of polytunnels soils with coarse texture after mulching with plastic foil. Scientific paper - Seria A Agronomy. Volume 64. Issue 2. ISSN 2285-5785, WOS:000755946400005, **autor corespondent**.

2. Balan I., Hogas H., Crenganis Loredana, Balan Isabela, Corduneanu Flaviana, **Topa D.**, 2021 - Research on the infiltrations in an earth dam. Case study: Cuibul Vulturilor Reservoir, Vaslui County, Romania. Present Environment and Sustainable Development, Volume15, Issue1. ISSN 1843-5971. WOS:000672244200016, DOI10.15551/pesd2021151016.

3. Filipov F., **Topa, D*.**, 2020 - Amplification of soil compaction between ridges after using plastic mulch on entire surface in plastic tunnels from North-east of Romania. Scientific paper - Seria A Agronomy. Volume 63. Issue 2. ISSN 2285-5785, WOS:000596730700003, **autor corespondent**.

4. Corduneanu Flaviana, Cimpeanu S.M., Iordache S., **Topa D.**, Pricop C.I, Balan Isabela-Elena, Bucur D., 2019 - The impact of meteorological drought case study - Northeastern Romania. Scientific papers-series e-land reclamation earth observation & surveying environmental engineering, volume: 8, Pages: 71-78, WOS:000484814100010.

5. Cara Irina Gabriela, Lipșa F.D., Cara M.S., Burtan Lavinia, **Topa D.***, Jităreanu G., 2017 - Dissipation of acetochlor and residue analysis in maize and soil under field conditions. AgroLife Scientific Journal - Volume 6, Number 1, ISSN 2285-5718, WOS:000404437800006, **autor corespondent**.



III. Articole in extenso în volume proceedings indexate Thomson - Reuters

1. **Țopa D.***, Ailincăi C., Cara Irina Gabriela, Calistru Anca Elena, Cuconoiu Cristina, Capsuna S., Jitareanu G., 2019 - Effects of Conservative Tillage on Soil Quality and Crop Productivity in Moldavian Plateau. PROCEEDINGS OF THE International Scientific Congress “Life sciences, a challenge for the future” (17th-18th October 2019, Iasi, Romania). Filodiritto International Proceedings. ISBN 978-88-85813-63-2, WOS:000747623800023.

2. Cuconoiu Cristina, **Țopa D.***, Calistru Anca-Elena, Jităreanu G., 2019 - Soil Properties Analysed Under Different Tillage Systems at Ezareni Research Station. PROCEEDINGS OF THE International Scientific Congress “Life sciences, a challenge for the future” (17th-18th October 2019, Iasi, Romania). Filodiritto International Proceedings. ISBN 978-88-85813-63-2, WOS:000747623800008, *autor corespondent*.

3. Cara Irina Gabriela, **Țopa D.**, Jitareanu G.*, 2019 - Assessment of Biochar Derived Agri-Waste on the Sorption of Metribuzin Pesticide. PROCEEDINGS OF THE International Scientific Congress “Life sciences, a challenge for the future” (17th -18th October 2019, Iasi, Romania). Filodiritto International Proceedings. ISBN 978-88-85813-63-2, WOS:000747623800004.

4. Mihășan M., Stefan Marius, Gorgan L., Raus L., **Țopa D.**, Simona Dunca, 2009 - New insights in PGPR - FEBS Journal, 276:13,170. WOS:000267069900523, (FI – 5.622).

IV. În reviste în extenso indexate în baze de date internaționale (Copernicus, CABI, Pubmed, Scopus etc.)

1. **Țopa D**, Jităreanu G., Răus L., Cara M., 2007 – Influența diferitelor sisteme convenționale și neconvenționale de lucrare a solului asupra indicilor hidrofizici și compactării solului. Lucrări științifice, seria Agronomie, Iasi, vol. 50, ISSN 1454-7414.

2. **Țopa D**, Jităreanu G., 2007. The modification of macrostructural hydrostability degree caused by different tillage systems at winter wheat. Lucrări științifice, seria Agronomie, Iasi, vol. 50, ISSN 1454-7414.

3. **Țopa D**, Jităreanu G., 2007 - Influența sistemelor de lucrare a solului asupra categoriilor de porozitate la cultura grâului de toamnă. „Compactarea solurilor – procese și consecințe”, Ed. „Risoprint” Cluj Napoca, ISBN 978-973-751-417-2.

4. **Țopa D.**, Răus L., Cara M., Jităreanu G., 2008. The Dynamics of Some Physical Characteristics of a Cambic Chernozem under Conventional and Minimum Tillage Systems. Sisteme de lucrări minime ale solului. Al V-lea simpozion cu participare internațională 18-19 iulie 2008, Risoprint Cluj-Napoca, ISBN-978-973-751-845-3.

5. **Țopa D.**, L. Raus, M. Cara, G. Jitareanu, 2008 - The modification of physical properties of a cambic chernozem under conventional and conservative tillage. Lucrări științifice, seria Agronomie, vol. 51, ISSN 1454-7414.

6. **Țopa D.**, Jităreanu G., Ailincăi C., 2009. The influence of reduced tillage systems on physical properties of a cambic chernozem from Moldavian Plateau. IASVM Bucharest, Series A, Vol. LII, 2009, ISSN 1222-5339.



7. **Topa D.**, Jităreanu G., Răus L., Cara M., 2009. Soil structure and the effect of management practices on a cambic chernozem. *Lucrari stiintifice, seria Agronomie*, vol. 52, ISSN 1454-7414.

8. **Topa D.**, Jităreanu G., Ailincăi C., Răus L., 2010. Effect of tillage intensity on soil aggregation on a cambic chernozem. 19TH National Soil Science Conference “Evaluation and use of soil resource, environmental protection and rural development in the North-eastern part of Romania”. *Lucrari stiintifice, seria Agronomie*, vol. 53(3), ISSN 1454-7414.

9. **Topa D.**, Chiriac Ghe., Cara M.S., Raus L., Jităreanu G., 2010 -, The influence of conservation tillage systems on productivity elements in the maize crop on the Moldavian Plain - *Lucrari stiintifice, seria Agronomie* vol. 53, ISSN 1454-7414.

10. **Topa D.**, Chiriac Ghe., Cara M.S., Raus L., Jităreanu G., 2010 - The influence of conservation tillage systems on productivity elements in the maize crop on the Moldavian Plain. *Analele Universitatii din Craiova – Agricultura, Montanologie, Cadastru – Lucrari stiintifice*, vol. XXXX/A 2010. ISSN 1841-8317.

11. **Topa D.**, Chiriac G., Galeș D., Cara M., Jităreanu G., 2011 - Cercetări privind influența lucrărilor solului asupra indicilor compactării cernoziomului cambic din zona Ezăreni – Iași. Al 6-lea Simpozion cu participare internațională "Sisteme de lucrări minime ale solului" – USAMV Cluj – Napoca, ISSN 2247-7535.

12. **Topa D.**, Ailincăi C., Jităreanu G., 2011 - Soil compaction influence on winter wheat yield and soil physical properties. *Lucrări științifice, seria Agronomie* vol. 54, ISSN 1454-7414.

13. **Topa D.**, Ailincăi C., Răus L., Cara M., Jităreanu G., 2012 - Tillage effects on soil structure and grain yield of maize. *Lucrări științifice, seria Agronomie* vol. 55(2), ISSN 1454-7414.

14. **Topa D.**, Răus L., Cara M., Ailincăi C., Jităreanu G., 2013 - The influence of soil management systems on soybean yield and quality traits of crop in pedoclimatical conditions of Moldavian Plateau. *Lucrări științifice, seria Agronomie* vol. 56(1), ISSN 1454-7414.

15. **Topa D.**, Gales D., Chiriac G., Răus L., Jităreanu G., 2013 - Impact of plowing on some soil physical properties under hybrid seed corn production. *ProEnvironment 6 (2013)* 183 – 186, Cluj-Napoca, ISSN 1844-6698, eISSN 20661363.

16. **Topa D.**, Filipov F., Cara M., Chiriac Ghe., Coroi I., 2013 – Observation on some soil physical properties in Cotnari vineyard. *Lucrări științifice, seria Horticultura* vol. 55 (supliment), ISSN 1454-7376.

17. **Topa D.***, Jitareanu G., Ailincăi C., Raus L., 2013. The effect of reduced tillage on soil physical properties and winter wheat yield response. *Journal of Food, Agriculture and Environment* vol. 3-4. 2174 - 2177.2013, Print ISSN: 1459-0255, Electronic ISSN: 1459-0263.

18. Raus L., Onisie T., Jitareanu G., **Topa D.**, M. Ștefan., 2005 – Impactul sistemelor de lucrare asupra stării fizice și hidrofizice a solului la cultura de fasole. *Lucrări științifice, seria Agronomie, Iasi*, vol. 48, ISSN 1454-7414.

19. Raus L., Onisie T., Jitareanu G., **Topa D.**, 2005 - Modificarea proprietăților fizice și hidrofizice ale solului sub influența diferitelor sisteme de lucrare la cultura grâului de toamnă. *Lucrări științifice, seria Agronomie, Iasi*, vol. 48, ISSN 1454-7414.



20. Raus L., Jitareanu G., Onisie T., **Țopa D.**, 2005 – Influența diferitelor sisteme de lucrare a solului asupra proprietăților fizice și hidrofizice la cultura porumbului. Lucrări științifice, seria Agronomie, Iasi, vol. 48, ISSN 1454-7414.

21. Ailincăi C., Despina Ailincăi, Maria Zbanț, Ad. Mercuș, **D. Țopa**, M. Cara, 2006 – The Influence of Fertilization and Erosion on Maize Crop, Grown on Eroded Soil, and on Soil Agrochemical and Biological Characteristics. Cercetări Agronomice în Moldova nr.4/2006, ISSN 0379-5837.

22. Răus L., **Țopa D.**, Cara M., 2007 - Eficiența energetică la cultura grâului de toamnă în diferite variante tehnologice. Lucrări științifice, seria Agronomie, Iasi, vol. 50, ISSN 1454-7414.

23. Ailincăi C., Jitareanu G., Bucur D., Ailincăi Despina, Mercus A., Balan A., **Țopa D.**, 2007 - Investigation on the influence of crop rotation and fertilization on wheat yield, soil erosion and fertility in Moldova Plain. Lucrări științifice, seria Agronomie, Iasi, vol. 50, ISSN 1454-7414.

24. Ailincăi C., Despina Ailincăi, Maria Zbanț, Ad. Mercuș, **Țopa D.**, M. Cara - The Effect of Different Fertilization Systems on Wheat Yield, Erosion and Fertility of Eroded Soils from the Moldavian Plateau. Cercetări Agronomice în Moldova nr.4-2007, ISSN 0379-5837.

25. Ailincăi C., Despina Ailincăi, Maria Zbanț, Ad. Mercuș, **Țopa D.**, M. Cara - Investigations on the Influence of Crop Rotation and Organo-Mineral Fertilization on Maize Yield and Physical-Chemical Characteristics of Cambic Chernozem in the Moldavian Plain. Cercetări Agronomice în Moldova nr.3 - 2007, ISSN 0379-5837.

26. Ailincăi C., C. Tsadilas, J. Sgouras, Despina Ailincăi, D. Bucur, Adriana Balan, **Țopa D.**- The Change of Physical and Chemical Characteristics in Cambic Chernozem, as Influenced by Soil Erosion, in the Moldavian Plain. Cercetări Agronomice în Moldova nr.1 - 2007, ISSN 0379-5837.

27. Cara M., Jitareanu G., Filipov F., Coroi Irina, **Țopa D.**, 2008 - The effect of some soil tillage systems on the pedomorphological indicators. Lucrări științifice, seria Agronomie, vol. 51 ISSN 1454-7414.

28. Ștefan M., Mihasan M., Raus L., **Țopa D.**, Simona DUNCA, 2008 - Agriculture applications of some rhizobacterial strains isolated from Moldavian Plain cambic - chernozemic soils. Revista Lucrări științifice, seria Agronomie, vol. 51 ISSN 1454-7414.

29. Despina Ailincăi, C. Ailincăi, Maria Zbanț, Ad. Mercuș, **Țopa D.**- Influence of Organo-Mineral Fertilization on Wheat and Maize Crops and the Evolution of Soil Fertility under Long-Term Experiments in the Moldavian Plain. Cercetări Agronomice în Moldova nr.3-2008, ISSN 0379-5837.

30. Ailincăi C., Despina Ailincăi, Maria Zbanț, Mercuș Ad., **Țopa D.** - Influence of crop rotation and long-term fertilization on wheat and maize yield and soil fertility in the Moldavian Plain - Cercetări Agronomice în Moldova nr.3-2008, ISSN 0379-5837.

31. Ailincăi C., C. Tsadilas, J. Sgouras, Despina Ailincăi, Ad. Mercuș, **Țopa D.**, M. Cara - Effects of Long-Term Fertilization on the Fertility of Erosion-Affected Soils from the Moldavian Plateau. Cercetări Agronomice în Moldova nr.1-2008, ISSN 0379-5837.



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32. Raus L., **Topa D.**, Jitareanu G., 2009. The effect of different soil tillage systems on soil structure characteristics, in maize crop from the Moldavian Plain. *Lucrari stiintifice, seria Agronomie*, vol. 52, ISSN 1454-7414.

33. Cara M.S., Jităreanu G., Coroi Irina, **Țopa D.**, 2009. The effect of maleic polyelectrolyte „PONILIT GT1” on soil structure at soybean crop. *Lucrări științifice, seria Agronomie*, Iasi, vol. 52, ISSN 1454-7414.

34. Cara M.S., Jitareanu G., Coroi Irina, **Topa D.**, 2009. The influence of tillage systems on hydric stability of structural aggregates in winter wheat crop during 2006-2007. *UASVM Bucharest, Series A, Vol. LII*, 2009, ISSN 1222-5339.

35. Cara M.S., Jităreanu G., Irina Coroi, **Topa D.**, 2009. The effect of maleic polyelectrolyte „Ponilit GT1” on soil structure at maize crop. “Durable Agriculture – Agriculture of the Future” 5th Edition – Craiova 20-21 November.

36. Urzică C., Dumitru M., Dorneanu A., Parvan Lavinia, Mușat M, **Topa D.**, Radu Alexandra, 2009. The use of Basfoliar 36 Extra in some crops on different soil types”. *Durable Agriculture – Agriculture of the Future” 5th Edition – Craiova 20-21 November.*

37. Musat M., Radu Alexandra, Sevastel M., Parvan Lavinia, **Topa D.**, Urzică C., 2009 - The evolutions of soils from Băesti valley hydrographic basin under the influence of anti-erosion works in different versions of the exploitation“. *Durable Agriculture – Agriculture of the Future” 5th Edition – Craiova 20-21 November.*

38. Radu Alexandra, Musat M., Sevastel M., Parvan Lavinia, **Topa D.**, Urzică C., 2009 - The physical and hydro-physical properties of erodosols and eroded soil subtypes from Slănic hydrographic river basin, Buzău County. “Durable Agriculture – Agriculture of the Future” 5th Edition – Craiova 20-21 November.

39. Stefan M., Mihasan M., Raus L., **Topa D.**, Hritcu L., 2009 - Rhizosphere bacteria help protein accumulation in soybean seed. *Analele Stiintifice ale Universitatii” Al. I. Cuza” – Iasi, Sectiunea 2 - Genetica si Biologie Moleculara*, Vol. 10, nr. 2. ISSN 1582-3571.

40. Raus L., **Țopa D.**, M.S. Cara, G. Jităreanu, 2010 - The evolution of main soil physical characteristics as influenced by unconventional tillage systems. *Analele universitatii din Craiova – Agricultura, Montanologie, Cadastru – Lucrari stiintifice*, vol. XXXX/A 2010. ISSN 1841-8317.

41. Cara M.S., G. Jităreanu, F. Filipov, Irina Coroi, **Țopa D.**, G. Chiriac, 2010 - The effect of carboxylic polyelectrolyte „Ponilit gt1” on soil structure at maize crop. *Analele universitatii din Craiova – Agricultura, Montanologie, Cadastru – Lucrari stiintifice*, vol. XXXX/A 2010. ISSN 1841-8317.

42. Galeș D.C., **Țopa D.**, Chiriac Ghe., Răus L., Jităreanu G., 2013 - The Influence of Aquasorb on Maize and Soybean Yield and Economic Efficiency in Moldavian Plain Native. *ProEnvironment 6 (2013) 233 – 237*, Cluj-Napoca, ISSN 1844-6698, eISSN 20661363.

43. GALEȘ Daniel Costel, Feodor FILIPOV, Eugen Gabriel TEODORESCU SOARE, **Țopa D.C.**, Gerard JITĂREANU 2016 - The effect of aquasorb on some soil physical properties under pedoclimatical conditions of the Moldavian Plain. *Lucrări științifice, seria Agronomie*, Iasi, vol. 59 (2), ISSN 1454-7414.



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44. GALEȘ Daniel Costel, Feodor FILIPOV, Raluca DONOSĂ, **Țopa D.C.**, Gerard JITĂREANU 2016 - The effect of aquasorb on some morpho-physiological parameters of the plants under the pedoclimatical conditions from Moldavian Plateau. *Lucrări științifice, seria Agronomie*, Iasi, vol. 59 (2), ISSN 1454-7414.

45. CALISTRU Anca-Elena, Irina Gabriela CARA, Denis ȚOPA, Gerard JITĂREANU 2016 - Analyzing soil porosity under different tillage systems using X-ray microtomography. *Lucrări științifice, seria Agronomie*, Iasi, vol. 59 (1), ISSN 1454-7414.

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47. GALEȘ Daniel, Feodor FILIPOV, Cristina CUCONOIU, **Țopa D.**, Eugen TEODORESCU SOARE, 2017 - The influence of aquasorb on soil moisture and some morpho-physiological properties in maize crop. *Lucrări Științifice – vol. 60(2)/2017, seria Agronomie*. ISSN: 1454-7414.

48. Cuconoiu Cristina, **Țopa D.**, Anca-Elena CALISTRU, Gerard JITĂREANU - The influence of tillage systems on soil physical properties for winter wheat crop (*Triticum aestivum* L.) at Ezareni Research Station. *Lucrări Științifice – vol. 61(2)/2018, seria Agronomie*.

49. CIOBĂNIȚĂ Maria-Mihaela, **Țopa D.**, Costel Daniel GALEȘ, Simina RĂILEANU, Costică AILINCĂI, 2018 - The effects of strip cropping system, grass buffers strips and slope position on some physico-chemical properties at cambic chernozem from Iasi County. *Lucrări Științifice – vol. 61(1)/2018, seria Agronomie*.

50. Cara M., Jitareanu G., Filipov F., Coroi I., Topa D., 2008. Effect of soil tillage systems on pedomorfological and physical soil indicators. *Scientific Papers, Agronomy*, 51, p. 279-284.

VII. Publicații apărute în lucrări/volume ale unor manifestări științifice internaționale din străinătate

1. **Țopa D.**, Răus L., Cara M., Jităreanu G., 2008. The Influence OF Conventional and Unconventional Tillage Systems on the Physical Properties of a Cambic chernozem from the North-East of Romania. „Soil and Water Conservation, Climate Change and Environmental Sensitivity”, 15th International Congress of the ISCO, 18-23 May 2008, Budapest – Hungary ISBN 978 963 9545 205.

2. **Țopa D.**, Jităreanu G., Cara M., 2008. The Physical Changes of a Cambic Chernozem Soil from the North-East of Romania under Different Tillage Practices. *AgEng 2008 – International Conference on Agricultural Engineering – Agricultural & Biosystems Engineering for a Sustainable World*, 23-25 June, 2008, Crete, Greece.

3. **Țopa D.**, Ailincăi C., Raus L., Antonescu M., Jitareanu G., Effect of tillage on soybean crop yield and physical properties on a cambic chernozem, 2012, International Conference on Safety, Health and Welfare in Agriculture and Agro – food Systems “Ragusa SHWA 2012 – ITALIA. ISBN 978-88-905473-4-8.

4. **Țopa D.**, Jităreanu G., Ailincăi C., Răus L., 2014 - Long-term tillage systems impacts on soil physical properties and agronomic productivity of a Romanian Cambic Chernozem (abstract). 20th World Congress of Soil Sciences, June 8-13, 2014 Jeju – Korea.



5. **Țopa D.**, Răus L., Ailincăi C., Galeș D. C. Cara I., Calistru A., Jităreanu G., 2016 - The variability of physical and hydraulic soil properties and grain yield of maize under no-till in the agroecosystem from Țigănași -Northeast Romania, 2016 - European Society for Soil Conservation Conference, 15-18 June 2016, Cluj-Napoca, ISBN 978-973-595-982-1.

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