

## ISI-quoted Journals

1. **Bucur D.**, Moca V., **2012** - *The influence of improvement procedures and a tile drainage system on soil physical properties in a north-east Romanian experimental site*, Irrigation and Drainage, 61 (3), 386 - 397. DOI: 10.1002/ird.653, ISSN 1531-0353 (IF 0.685)
2. **Bucur D.**, Jitareanu G., Ailincai C., **2011** - *Effects of long-term soil and crop management on the yield and on the fertility of eroded soil*, Journal of Food, Agriculture & Environment, 9 (2), 207-209, ISSN 1459-0255 (IF 0.517)
3. **Bucur D.**, Jitareanu G., Ailincai C., Tsadilas C., Ailincai Despina, Mercus A., **2007** - *Influence of soil erosion on water, soil, humus and nutrient losses in different crop systems in the Moldavian Plateau, Romania*, Journal of Food, Agriculture & Environment, Vol. 5 (2), 261-264, ISSN 1459-0255 (IF 0.517).
4. **Bucur D.**, Savu P., **2006** - *Considerations for the design of intercepting drainage for collecting water from seep areas*, Journal of Irrigation and Drainage Engineering, Reston, SUA, vol. 132, Issue 6, 597-599, ISSN 0733-9437 (IF 1.22). DOI: 10.1061/(ASCE)0733-9437(2006)132:6(597)
5. Corduneanu F., **Bucur D.\***, Cimpeanu S.M., Apostol I.C., Strugariu Al., **2016** - *Hazards resulting from hydrological extremes in the upstream catchment of the Prut River*, Water Resources, 43 (1), 42-47 (IF 0.361).
6. Corduneanu Flaviana, Vintu V., Balan Isabela, Crenganis Loredana, **Bucur D.\***, **2016** - *Impact of drought on water resources in north - eastern Romania. Case study - Prut River*, Environmental Engineering and Management Journal, 15(6), 1213-1222, ISSN 1582-9596 (IF 1.065).
7. Moca V., Popia A., Savu C., Cardei Mihaela, **Bucur D.\***, **2016** - *Updating the basic topographic plans from the cadastral territories with pipe drainage system*, Environmental Engineering and Management Journal, 15(6), 1259-1268, ISSN 1582-9596 (IF 1.065).
8. Todosi C., Niculita M.\*, Boca B., **Bucur D.**, **2016** - *Reservoir sedimentation analysis using GIS techniques in the bahluiet catchment in the perspective of sustainable agricultural development*, Journal of Environmental Protection and Ecology, 17, No 3, 1095-1104 (IF 0,734).
9. Ciocinta Ramona Carla, Harja Maria, **Bucur D.\***, Buema Gabriela, **2013** - *Optimization of the conditions for conversion of coal ash into zeolite material*, Journal of Food, Agriculture & Environment, Vol. 11 (1), 1108 - 1112, ISSN 1459-0255 (IF 0.435)
10. Fortuna Maria Emiliana, Harja Maria, **Bucur D.**, Cimpeanu S. M., **2013** - *Obtaining and Utilizing Cellulose Fibers with in-Situ Loading as an Additive for Printing Paper*, Materials, 6, 4532-4544; doi:10.3390/ma6104532, ISSN 1996-1944 (IF 2.247).
11. Hutanu Cr., Cimpeanu S.M., **Bucur D.\***, **2013** - *The achievement and exploitation of the database of vineyard Cadastre Informational System as a Cadastral Informational System - CIS*, Journal of Food, Agriculture & Environment, Vol. 11 (2), 729-736 (IF 0.435).
12. Savic R., Maksimovic Livija, Cimpeanu S., **Bucur D.\***, Ondrasek G., Vasin J., Harja Maria, Milic S., **2013** - *Hazardous and harmful substances in sediments of the Jegricka stream*, Journal of Food, Agriculture & Environment, Vol. 11 (1), 1152-1156, ISSN 1459-0255 (IF 0.435).

13. Harja Maria, Buema Gabriela, Sutiman D. M., Munteanu C., **Bucur D.**, **2012** - *Low cost adsorbents obtained from ash for copper removal*, Korean Journal of Chemical Engineering, Springer. 29(12), 1735-1744 DOI: 10.1007/s11814-012-0087-z (IF 1.059)
14. Harja Maria, Rusu Lacramioara, **Bucur D.**, Munteanu C., Ciocinta Ramona Carla, **2012** - *Fly ash-derived zeolites as adsorbents for Ni removal from waste water*, Revue Roumaine de chimie, 57(6), 587-597, ISSN 0035-3930, (IF 0.331).
15. Chiorescu Esmeralda, **Bucur D.**, Tigaret Gh., **2011** - *Contributions to the improvement of pollution control in lakes and an application for the Govora Lake*, Environmental Engineering and Management Journal, 10(10), 1503-1510, ISSN 1582-9596 (IF 1.004)
16. Ciocinta Ramona Carla, Harja Maria, **Bucur D.**, Rusu Lacramioara, Barbuta Marinela, Munteanu C., **2012** - *Improving soil quality by adding modified ash*, Engineering and Management Journal, 11(2), 297-305, ISSN 1582-9596 (IF 1.004)
17. Harja Maria, **Bucur D.\***, Cimpeanu S. M., Ciocinta Ramona Carla, Gurita Ana Andreea, **2012** - *Conversion of ash on zeolites for soil application*, Journal of Food, Agriculture & Environment, Vol. 10 (2), 1056-1059, ISSN 1459-0255 (IF 0.517).
18. Petrović Sofija, Dimitrijević M., Cimpeanu S. M., **Bucur D.\***, Gurita Ana Andreea, Harja Maria, Maksimović livija, Belić M., **2012** - *Spike yield stability in wheat grown under stress conditions of alkaline soil*, Journal of Food, Agriculture & Environment, Vol. 10 (2), 480-484, ISSN 1459-0255 (IF 0,517).
19. Dimitrijevic M., Petrovic Sofija, Cimpeanu Carmen, **Bucur D.\***, Belic M., **2011** - *Cereals and Aegilops genus biodiversity survey in the west Balkans: Erosion and preservation*, Journal of Food, Agriculture & Environment, Vol. 9 (3&4), 219-225, ISSN 1459-0255 (IF 0.517)
20. Ailincăi C., Jitareanu G., **Bucur D.\***, Mercus A., **2011** - *Influence of tillage practices and fertilization on crop yields and soil properties in long-term crop rotation (soybean-wheat-maize) experiments*, Journal of Food, Agriculture & Environment, Vol. 9 (1), 285-289, (IF 0.517)
21. Ailincăi C., Jitareanu G., **Bucur D.\***, Mercus A., **2011** - *Protecting the soil from erosion by cropping systems and fertilization in Moldavian Plateau*, Journal of Food, Agriculture & Environment, Vol. 9 (1), 570-574, ISSN 1459-0255 (IF 0.517)
22. Pejić B., Maksimović Livija, Cimpeanu S., **Bucur D.\***, Milic S., Cupina B., **2011** - *Response of soybean to water stress at specific growth stages*, Journal of Food, Agriculture & Environment, Vol. 9 (1), 280-284, ISSN 1459-0255 (IF 0.517)
23. Ailincăi C., Jitareanu G., **Bucur D.\***, Ailincăi Despina, **2007** - *Influence of sewage sludge on maize yield and quality and soil chemical characteristics*, Journal of Food, Agriculture & Environment, Vol. 5 (1), 310-313, ISSN 1459-0255 (IF 0.517).
24. Jitareanu G., Ailincăi C., **Bucur D.\***, **2007** - *Soil fertility management in North-East Romania*, Journal of Food, Agriculture & Environment, Vol. 5 (3&4), 349-353, (IF 0,517).
25. Nicolescu C., Sovaiala Gh., Matache Gabriela, **Bucur D.**, Popescu Alina Iolanda, **2011** - *The development of the water body in an enclosure from the Danube meadow, using the half captive aquifer*, 11th

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26. Jitareanu G., Ailincăi C., **Bucur D.\***, 2007 - Influence of tillage systems on soil physical and chemical characteristics and yield in soybean and maize grown in the Moldavian Plain (North-Eastern Romania), 17th Conference of the International-Soil-Tillage-Research-Organisation, Christian Albrechts Univ, Kiel, Germany, AUG 28-SEP 02, 2006, Soil Management for Sustainability, Book Series: Advances in Geoecology, 38, 370-379.

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