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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., Ailincăi 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., Ailincăi C., Tsadilas C., Ailincăi 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**).
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10. 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**)
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19.06.2017

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