

LISTA LUCRĂRILOR RELEVANTE

pentru realizările profesionale proprii

1 Lucrări publicate în reviste ISI cu factor de impact

1.a singur, prim autor/autor corespondent

1. **Bucur Roxana Dana**, Harja Maria, **2012** - *Homogeneous Areas Delimitation by Considering the Energy Demand for Plants Growing in Covered Spaces*, Environmental Engineering and Management Journal, **11** (2), pp. 253-257, ISSN 1582-9596, (**Impact Factor: 1,117**).
2. Bliuc Irina, Lepadatu Daniel, Iacob Adrian, Judele Loredana, **Roxana Dana Bucur**, **2016** - *Assessment of Thermal Bridges Effect on Energy Performance and Condensation Risk in Buildings Using DoE and RSM Methods*, European Journal of Environmental and Civil Engineering, 20(8), 1-19, DOI:10.1080/19648189.2016.1172032 (**Impact Factor: 0.897**)
3. Barbuta Marinela, Marin Emanuela, Cimpeanu S. M., Paraschiv G., Lepadatu D., **Bucur Roxana Dana**, **2015** - *Statistical Analysis of the Tensile Strength of Coal Fly Ash Concrete with Fibers Using Central Composite Design*, Advances in Materials Science and Engineering, vol. 2015, Article ID 486232, pp. 1 - 7. DOI:10.1155/2015/486232, ISSN 1687-8434 (**Impact Factor: 1,01**).

1.b Co-autor

4. Harja Maria, Cimpeanu Carmen, **Bucur Roxana Dana**, **2012** - *The influence of hydrodynamic conditions on the synthesis of ultra-thin calcium carbonate*, Journal of Food Agriculture & Environment, 10 (2), 1191-1195 (**Impact factor: 0.435**)
5. Nicolescu C., Cimpeanu S., **Bucur Roxana Dana**, Burnichi Floarea, Sovaiala Gh., **2010** - *System of rainwater collection, storage and pumping*, Journal of Food, Agriculture & Environment, **8** (3&4), pp. 1326-1328, ISSN 1459-0255, (**factor de impact 0,425**)

2. Lucrări publicate în reviste cotate ISI (Proceedings)

6. **Bucur Roxana Dana**, Barbuta Marinela, Konvalina Petr, Serbanoiu Adrian Alexandru, Bernas Jaroslav, **2017** - *Studies for Understanding Effects of Additions on the Strength of Cement Concrete*, 9th IOP Conference Series - Materials Sciences and Engineering, vol. 246, September 13-16, **2017** Prague, Czech Republic, DOI: 10.1088/1757-899X/246/1/012036, (Proceedings Paper) ISSN: 1757-8981.
7. Barbuta Marinela, **Bucur Roxana Dana**, Serbanoiu A. Al., Burlacu Andrei, **2017** - *Combined effect of fly ash and fibers on properties of cement concrete*, Procedia



Engineering, Elsevier, **181**, 280 - 284, doi: 10.1016/j.proeng.2017.02.390 (Proceeding), ISSN 1877-7058.

3. Lucrari în volumele Conferintelor Internationale cu peer-review

1. **Bucur Roxana Dana**, Barbuta Marinela, Harja Maria, Baran Irina, 2017 - *Influence of Tire Waste over Durability of Polymer Concrete*, *International Journal of Civil and Structural Engineering*, 4 (1), 83 – 88, ISSN 2372-3971

4. Cărți:

1. **Bucur Roxana Dana**, 2018. *Construcții agrozootehnice*, Editura „Ion Ionescu de la Brad” Iași, ISBN 978-973-147-280-5, 305 pagini
2. **Bucur Roxana Dana**, 2011. *Construcții horticole*, Editura „Ion Ionescu de la Brad” Iași, ISBN 978-973-147-077-1, 319 pag

5. Capitole în cărți la edituri internaționale

1. Barbuta Marinela, **Bucur Roxana Dana**, Cimpeanu S. M., Paraschiv G., Bucur D. 2015 - *Wastes in Building Materials Industry*, In: *Agroecology*, Pilipavicius V. ed., INTECH, Rijeka, Croatia, pp. 81 - 100. ISBN 978-953-51-2130-5. <http://dx.doi.org/10.5772/59933>.

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