

## Listă selectivă de lucrări

Marcate cu galben cele relevante pentru postul de ASC și folosite în Anexa 1

### Articole în reviste internaționale cu referenți

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- Ion S, Marinescu D., Cruceanu Ș. D., Iordache V., 2014, A data porting tool for coupling models with different discretization needs, Environmental Software and Modelling, 62, 240-252
- Iordache V, Gherghel F, Kothe E, 2009, Assessing the Effect of Disturbances on Diversity of Ectomycorrhiza. Int. J. Environ. Res. Public Health, 6(2):414-432
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- Iordache, V., F. Bodescu, 2005, Emergent properties of the Lower Danube River System: consequences for the integrated monitoring system, Arch. Fur Hydrobiologie. Suppl. 158, (Large Rivers 16), 95-128
- Iordache, V., F. Bodescu, M. Dumitru, 2005, Elements sustaining the lobby for the restoration of the Big Island of Braila (Danube floodplain), Arch. Fur Hydrobiologie. Suppl. 158/1-4 (Large Rivers 15/1-4), 677-692
- Manu M., V. Iordache, R. I. Băncilă, F. Bodescu, M. Onete, 2015, The influence of environmental variables on soil mite communities (Acari: Mesostigmata) from overgrazed grassland ecosystems – Romania, Italian Journal of Zoology, on-line first,
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- Neagoe Aurora, Paula Stancu, Andrei Nicoară, Marilena Onete, Florian Bodescu, Roxana Gheorghe, Virgil Iordache, 2014, Effects of arbuscular mycorrhizal fungi on *Agrostis capillaris* grown on amended mine tailing substrate at pot, lysimeter, and field plot scales. Environ Sci Pollut Res, 21(11), 6859-6876
- Neagoe Aurora, Virgil Iordache, Hans Bergmann† and Erika Kothe, 2013, Patterns of effects of arbuscular mycorrhizal fungi on plants grown in contaminated soil. Journal of Plant Nutrition and Soil Science, 176, pp. 273-286
- Nicoară Andrei, Aurora Neagoe, Paula Stancu, Giovanni de Giudici, Francesca Langella, Anna Rosa Sprocati, Virgil Iordache, Erika Kothe, 2014, Coupled pot and lysimeter experiments assessing plant performance in microbially assisted phytoremediation. Environmental Science and Pollution Research, 21(11), 6905-6920
- Pinay G., Gumiero B. Tabacchi E. Gimenez O. Planty-Tabacchi A. M., Hefting M., Burt T., Black V., Nilsson C. Iordache V., Bureau F. Vought L., Petts G., Décamps H., 2007, Patterns of denitrification rates in European alluvial soils under various hydrological regimes, Freshwater Biology, 52, 252-266
- Ruta, LL, Popa, VC, Nicolau, I, Danet, AF, Iordache, V, Neagoe, AD, Farcasanu, IC, 2014, Calcium signaling mediates the response to cadmium toxicity in *Saccharomyces cerevisiae* cells, FEBS Letters, 588(17), 3202-3212

### Capitole în cărți internaționale

- Iordache Virgil, E. Kothe, A. Neagoe, F. Gherghel, 2011, A conceptual framework for up-scaling ecological processes and application to ectomycorrhizal fungi, in Rai M., Varma A.

(ed.) Diversity and Biotechnology of Ectomycorrhiza, Springer, 255-299

- Iordache Virgil, Lacatusu Radu, Daniel Scradeanu, Marilena Onete, Stelian Ion, Ioana Cobzaru, Aurora Neagoie, Florian Bodescu, Denisa Jianu, Dorina Purice, 2012, Contributions to the theoretical foundations of integrated modeling in biogeochemistry and their application in contaminated areas. In Kothe E., Varma A. (eds.), Biogeochemical interactions in contaminated soils, pp. 385-416
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- Vadineanu, A., S. Cristofor, V. Iordache, 2001, Lower Danube River System biodiversity changes, In: B. Gopal, W. J. Junk and J. A. Davis (Eds), Biodiversity in Wetlands: Assessment, Function and Conservation, Backhuys Publishers, 29-63 ISBN 90-5782-059

#### ***Capitole în cărți naționale***

- Iordache, Virgil, 2009, Conceptul general de evoluție, in Staicu L. (editor) Rationalitate și evoluție: explorări filosofice ale complexității, Ed. Universității din București, 83-155
- Iordache, Virgil, 2010, Reconstrucția obiectelor productive din Originea Speciilor, în Mircea Flonta, Laurentiu Staicu, Virgil Iordache (editori), 2010, Darwin și gândirea evoluționistă, Ed. Pelican, Giurgiu, ISBN 978-973-1993-15-7

#### ***Monografii***

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- Iordache Virgil, 2008, Explorări dincolo de individualism și holism, Ed. Ars. Docendi, București, 2008

#### ***Ghid de management***

- Bolscher, J., H. Meixner, I. Schnauder, V. Iordache (Eds.), 2005, Hydraulic, Sedimentological and Ecological Problems of Multifunctional Riparian Forest Management - RipFor Guidelines for End-Users, Berliner Geographische Abhandlungen Heft 66, ISBN 3-88009-067-x, 200pp