

## **Domeniul BIOLOGIE**

### **Articole în reviste cotate ISI – 2013**

1. CRACIUN D., VLAD-OROS B., FILIMON N., OSTAFE V, ISVORAN A. 2013. A computational approach to structural properties of glycoside hydrolase family 4 from bacteria, *Acta Biochimica Polonica* 60(4 ) 553-564
2. FILIMON MN, NICA DV, OSTAFE V, BORDEAN D-M, BOROZAN AB, VLAD DC, POPESCU R. 2013. Use of enzymatic tools for biomonitoring inorganic pollution in aquatic sediments: a case study (Bor, Serbia), *Chemistry Central Journal*, 7:59
3. FILIMON MN, POPESCU R, VLAD DC, DUMITRASCU V, CORNIANU M, VOIA OS, VERDES D. 2013. Liver and kidney morphofunctional alteration induced by deoxynivalenol (DON), *Romanian Biotechnological Letters*, 18(6): 7263-7272
4. IANOVICI N., MARIA C., RĂDUȚOIU M.N., HANIȘ A., TUDORICĂ D. 2013. Variation in airborne fungal spore concentrations in four different microclimate regions in Romania, *Not Bot Horti Agrobo.* 41(2):450-457
5. IANOVICI N., PANAITESCU BUNU C., BRUDIU I. 2013. Analysis of airborne allergenic pollen spectrum for 2009 in Timișoara, Romania, *Aerobiologia*, 29 (1): 95-111
6. ISVORAN A., CRACIUN D., MARTINY V., SPERANDIO O., MITEVA MA. 2013. Computational analysis of protein-protein interfaces involving an alpha helix: insights for terphenyl-like molecules binding, *BMC Pharmacology & Toxicology* 14, Article Number: 31
7. PÂRVULESCU L, ZAHARIA C. 2013. Current limitations of the stone crayfish distribution in Romania: Implications for its conservation status. *Limnologica* 43: 143–150
8. PÂRVULESCU L, ZAHARIA C, SATMARI A, DRĂGUȚ L. 2013. Is the distribution pattern of the stone crayfish in the Carpathians related to karstic refugia from Pleistocene glaciations?. *Freshwater Science* 32: 1410–1419
9. PETROVICI M., MOLNAR P., SÁNDOR D.A. 2013. Trophic niche overlap of two sympatric owl species (*Asio otus* Linnaeus, 1758 and *Tyto alba* Scopoli, 1769) in North-Western part of Romania. *North-Western Journal of Zoology* 9(2), 250-256
10. PÎRVU M., PETROVICI M. 2013. DPSIR conceptual framework role: a case study regarding the threats and conservation measures for caddisflies (Insecta: Trichoptera) in Romania. *Knowledge and Management of Aquatic Ecosystems*, 411, 11, doi: <http://dx.doi.org/10.1051/kmae/2013078>
11. TÖRÖK-OANCE R. 2013. A study of risk factors and T-score variability in romanian women with postmenopausal vertebral osteoporosis, *Iranian Journal of Public Health*, vol.42, nr.12, 1387-1397

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1. AVRAM I., MODRA D, VLĂDOIU D. L. 2013. Dosing methods of benzophenone, *Annals of West University of Timisoara, Series of Chemistry* 22(2), 39-46 .

2. **FILIMON M.N**, DRAGUSIN P, DRAGUSIN C, POPESCU R, MUGUR M, RATIS C, VOIA S. 2013. Fisheries management influence on some ecophysiological groups of bacteria in lotic ecosystems of the Cefa Nature Park (Crişana, Romania), *Transylvanian Review of Systematical and Ecological Research*, 15(1):73-80.
3. **HUTANU D**, DORNEANU F, MURESAN C. 2013. Some aspects regarding male factors in infertile couples. Note II. Sperm counts in patients from 2011-2013, *Annals of the Romanian Society for Cell Biology*, 18(2): 70-74.
4. **IANOVICI N.**, BIRSAN M.V., TUDORICĂ D., BALIŢA A. 2013. Fagales pollen in the atmosphere of Timișoara, Romania (2000-2007), *Annals of West University of Timișoara, ser. Biology*, XVI (2), 115-134
5. MENGHIU G., MURVAY A., BLAZIC M., ZELENOVIC N, **VLĂDOIU D. L.**, OSTAFE V. 2013. Transfer of a gene from a bacterial cloning plasmid to an yeast expression plasmid, *Annals of West University of Timisoara, Series of Chemistry* 22(3-4), 55-66
6. PASCA M., COJOCARIU L., BOROZAN AB., BORDEAN DM., POPESCU R., **FILIMON MN.**, GHERMAN V., HORABLAGA NM. 2013. Rhizodeposit a disturbing factor of soil microbial balance, *Geoconference On Water Resources, Forest, Marine And Ocean Ecosystems, Book Series: International Multidisciplinary Scientific GeoConference-SGEM*, p. 649-654.
7. PĂTRUICĂ S., DUMITRESCU G, POPESCU R, **FILIMON MN.** 2013. The effect of prebiotic and probiotic products used in feed to stimulate the bee colony (*Apis mellifera*) on intestines of working bees, *Journal of Food, Agriculture & Environment*, 11 (3&4), 2461-2464.
8. PITULICE L., PASTOR I., VILASECA E., MADURGA S., **ISVORAN A.**, CASCANTE M.F. 2013. Mas, Influence of macromolecular crowding on the oxidation of ABTS by hydrogen peroxide catalyzed by HRPJ Biocatal Biotransformation, 2:1
9. **PÎRVU M.**, **PÂRVULESCU L.** 2013. The diversity of caddisflies species in Timiș river water catchment area. *Transylvanian Review of Systematical and Ecological Research*, 15, 133-145.
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11. **TOROK-OANCE R**, TULHINA D, LAZAR M. 2013. Preliminary study on groundwater pollution with nitrites and nitrates in Gataia (Timis county), *Annals of West University of Timisoara, series of Biology*, vol.16, issue 2.
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13. **VLĂDOIU D. L.**, GAVRA D., CRĂCIUNESCU C., CIUR A., ILIEȘI L, POPESCU R. 2013. Effect of herbicides on bacterial communities from soil, *Annals of West University of Timisoara, Series of Chemistry* 22(2), 85-90
14. **VLĂDOIU D.L.**, OSTAFE V., **FILIMON M.N.**, CIOSAC A., **ISVORAN A.** 2013. Computational analysis of surface properties of alpha-galactosidase from *Saccharomyces cerevisiae*, *Annals of West University of Timisoara, Series of Chemistry* 22(2), 1-8 .