

LISTĂ LUCRĂRI PUBLICATE

Lector univ. Dr. BOROS Bianca-Vanesa

ARTICOLE PUBLICATE ÎN REVISTE COTATE ISI

1. Vulpe, C.B.; **Boros, B.V.**; Matica, M.A.; Menghiu, G.; Roman, D.L.; Dascălu, D.; Kovačević, R.; Ostafe, V. 2023. Hydrochemical and ecotoxicological characterisation of water samples from Moldova Noua area, Romania. *Ecological Chemistry and Engineering S.* 30 (3). 357-372.
2. Roman, D.L.; Matica, M.A.; Ciorsac, A.; **Boros, B.V.**; Isvoran, A. 2023. The effects of the fungicide myclobutanil on soil enzyme activity. *Agriculture.* 13 (10). 1956.
3. **Boros, B.V.**; Dascălu, D.; Ostafe, V.; Isvoran, A. 2022. Assessment of the effects of chitosan, chitooligosaccharides and their derivatives on *Lemna minor*. *Molecules.* 27 (18). 6123.
4. **Boros, B.V.**; Grau, N.I.; Isvoran, A.; Datcu, A.D.; Ianovici, N.; Ostafe, V. 2022. A study of the effects of sodium alginate and sodium carboxymethyl cellulose on the growth of the common duckweed (*Lemna minor* L.). *Journal of the Serbian Chemical Society.* 87 (5). 657-667.
5. Stevanović, Z.; Kovačević, R.; Marković, R.; Gardić, V.; Vulpe, C.B.; **Boros, B.**, Menghiu, G. 2021. State of the surface waters in cross border region of eastern Serbia and Caras Severin county – Moldova Noua in Romania. *Studia Universitatis Babeş-Bolyai, Chemia.* 66 (4). 309-328.
6. Copilaş-Ciocianu, D.; **Boros, B.V.**; Šidagytė-Copilas, E. 2021. Morphology mirrors trophic niche in a freshwater amphipod community. *Freshwater Biology.* 66 (10). 1968-1979.
7. **Boros, B.V.**; Ostafe, V. 2020. Evaluation of Ecotoxicology Assessment Methods of Nanomaterials and their Effects. *Nanomaterials.* 10 (4). 610.
8. Datcu, A.D.; Ciobanu, D.G.; **Boros, B.V.**; Ostafe, V.; Ianovici, N. 2020. A New Approach for Phytotoxicity Testing Using *Allium cepa* Bulbs. *Romanian Biotechnological Letters.* 25 (2). 1488-1494.
9. Copilas-Ciocianu, D.; **Boros, B. V.** 2016. Contrasting Life History Strategies in a Phylogenetically Diverse Community of Freshwater Amphipods (Crustacea: Malacostraca). *Zoology.* 119 (1). 21-29.

ARTICOLE PUBLICATE ÎN REVISTE INDEXATE BDI

1. Căbuța, M.; Carabă, M.N.; Matica, M.A.; **Boros, B.V.**; Carabă, I.V.; Dumitrescu, G.; Popescu, R. 2022. *In vitro* cytotoxic effect of *Boswellia sp.* essential oil. *Annals of West University of Timișoara, ser. Biology.* 25 (2). 153-164.
2. **Boros, B.V.**; Roman, D.L.; Ostafe, V.; Markovic, R.; Gardic, V.; Stevanovic, Z.; Isvoran, A. 2021. The effects on human health of non-metallic, semimetals and heavy metals compounds generated by mining activities along the Serbian-Romanian border. *Romanian Journal of Ecology & Environmental Chemistry.* 3 (1). 61-70.
3. **Boros, B.V.**; Grau, N.I.; Ostafe, V. 2019. Preliminary Results on the Ecotoxic Effects of Carboxymethyl Chitosan to Common Duckweed (*Lemna minor* L.). *Research Journal of*

- Agricultural Science. 51 (3). 14-20.
4. **Boros, B.V.**; Grau, N.I.; Ostafe, V. 2019. Preliminary Results on the Ecotoxic Effects of Acetic Acid to Common Duckweed (*Lemna minor* L.). Research Journal of Agricultural Science. 51 (3). 21-29.
 5. **Boros, B. V.**; Menghiu, G.; Matica, A.; Ostafe, V. 2016. Use of Ninhydrin Reaction for Estimation of Acetylation Degree of Chitosan. New Frontiers in Chemistry. 25 (2). 95-105.

Data,

25.10.2023