

LISTĂ LUCRĂRI PUBLICATE

A. LISTĂ LUCRĂRI PUBLICATE ÎN REVISTE COTATE ISI SELECTATE

1. **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. IF (2021) 4.927. AIS 0.671.
2. **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. IF (2021) 1.1. AIS 0.142.
3. **Boros, B.V.**; Ostafe, V. 2020. Evaluation of Ecotoxicology Assessment Methods of Nanomaterials and their Effects. *Nanomaterials*. 10 (4). 610. IF (2019) 4.324. AIS 0.671.
4. 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 Babes-Bolyai, Chemia*. 66 (4). 309-328. IF (2021) 0.558. AIS 0.062.
5. Copilaș-Ciocianu, D.; **Boros, B.V.**; Šidagytė-Copilas, E. 2021. Morphology mirrors trophic niche in a freshwater amphipod community. *Freshwater Biology*. 66 (10). 1968-1979. IF (2021) 3.538. AIS 0.920.
6. 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. IF (2019) 0.765. AIS 0.097.
7. 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. IF (2016) 1.5. AIS 0.593.

B. TITLUL TEZEI DE DOCTORAT

Studiul asupra efectelor unor poluanți asupra mediului înconjurător

C. LISTĂ LUCRĂRI PUBLICATE IN EXTENSO

ARTICOLE PUBLICATE ÎN REVISTE COTATE ISI

1. **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. IF (2021) 4.927. AIS 0.671.
2. **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. IF (2021) 1.1. AIS 0.142.
3. **Boros, B.V.**; Ostafe, V. 2020. Evaluation of Ecotoxicology Assessment Methods of Nanomaterials and their Effects. *Nanomaterials*. 10 (4). 610. IF (2019) 4.324. AIS 0.671.

4. 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. IF (2021) 0.558. AIS 0.062.
5. 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. IF (2021) 3.538. AIS 0.920.
6. Dateu, 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. IF (2019) 0.765. AIS 0.097.
7. 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. IF (2016) 1.5. AIS 0.593.

ARTICOLE PUBLICATE ÎN REVISTE INDEXATE BDI

1. **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.
2. **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.
3. **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.
4. **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.
5. 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.

Data

31.05.2023

Semnătura

