

LISTĂ LUCRĂRI PUBLICATE

Lector univ. Dr. AGACHI Bianca-Vanesa

ARTICOLE PUBLICATE ÎN REVISTE COTATE ISI

1. D. L. Roman, M. A. Matica, **B. V. Boros**, C. B. Vulpe, A. Isvoran. 2024. Evaluation of the impact of flutriafol on soil culturable microorganisms and on soil enzymes activity. *Agriculture*. 14 (9), 1445. <https://doi.org/10.3390/agriculture14091445>. IF 3,3. **Q1**
2. **B. V. Boros**, D. L. Roman, A. Isvoran. 2024. Evaluation of the aquatic toxicity of several triazole fungicides. *Molecules*. 14 (4). 197. <https://doi.org/10.3390/metabo14040197>. IF 3,4. **Q2**
3. C. B. Vulpe, **B. V. Boros**, M. A. Matica, G. Menghiu, D. L. Roman, D. Dascălu, R. Kovačević, V. Ostafe. 2023. Hydrochemical and ecotoxicological characterisation of water samples from Moldova Noua area, Romania. *Ecological Chemistry and Engineering S*. 30 (3). 357-372. <https://doi.org/10.2478/eces-2023-0038>. IF 2,5. **Q4**
4. D. L. Roman, M. A. Matica, A. Ciorsac, **B. V. Boros**, A. Isvoran. 2023. The effects of the fungicide myclobutanil on soil enzyme activity. *Agriculture*. 13 (10). 1956. <https://doi.org/10.3390/agriculture13101956>. IF 3,3. **Q1**
5. **B. V. Boros**, D. Dascalu, V. Ostafe, A. Isvoran. 2022. Assessment of the effects of chitosan, chitoooligosaccharides and their derivatives on Lemna minor. *Molecules*. 27 (18). 6123. <https://doi.org/10.3390/molecules27186123>. IF 4,6. **Q2**
6. **B. V. Boros**, N. I. Grau, A. Isvoran, A. D. Datcu, N. Ianovici, V. Ostafe. 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. <https://doi.org/10.2298/JSC210805082B>. IF 1. **Q4**
7. Z. Stevanović, R. Kovačević, R. Marković, V. Gardić, B. C. Vulpe, **B. Boros**, G. Menghiu. 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. <https://doi.org/10.24193/subbchem.2021.4.23>. IF 0,558. **Q3**
8. D. Copilaş-Ciocianu, **B. V. Boros**, E. Šidagytė-Copilas. 2021. Morphology mirrors trophic niche in a freshwater amphipod community. *Freshwater Biology*. 66 (10). 1968-1979. <https://doi.org/10.1111/fwb.13804>. IF 3,538. **Q1**
9. **B. V. Boros**, V. Ostafe. 2020. Evaluation of ecotoxicology assessment methods of nanomaterials and their effects. *Nanomaterials*. 10 (4). 610. <https://doi.org/10.3390/nano10040610>. IF 5,076. **Q2**
10. A. D. Datcu, D. G. Ciobanu, **B. V. Boros**, V. Ostafe, N. Ianovici. 2020. A new approach for phytotoxicity testing using Allium cepa bulbs. *Romanian Biotechnological Letters*. 25 (2). 1488-1494. <https://doi.org/10.25083/rbl/25.2/1488.1494>
11. D. Copilaş-Ciocianu, **B. V. Boros**. 2016. Contrasting life history strategies in a phylogenetically diverse community of freshwater amphipods (Crustacea: Malacostraca). *Zoology*. 119 (1). 21-29. <https://doi.org/10.25083/rbl/25.2/1488.1494>. IF 1,510. **Q1**

ARTICOLE PUBLICATE ÎN REVISTE INDEXATE BDI

1. M. Căbuța, M. N. Carabă, M. A. Matica, **B. V. Boros**, I. V. Carabă, G. Dumitrescu, R. Popescu. 2022. In vitro cytotoxic effect of Boswellia sp. essential oil. *Annals of West University of Timișoara, ser. Biology*. 25 (2). 153-164
2. **B. V. Boros**, D. L. Roman, V. Ostafe, R. Markovic, V. Gardic, Z. Stevanovic, A. Isvoran. 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. **B. V. Boros**, N. I. Grau, V. Ostafe. 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. **B. V. Boros**, N. I. Grau, V. Ostafe. 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. **B. V. Boros**, G. Menghiu, A. Matica, V. Ostafe. 2016. Use of ninhydrin reaction for estimation of acetylation degree of chitosan. *New Frontiers in Chemistry*. 25 (2). 95-105

Data

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Semnătura

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