

ISVORAN Adriana Vetuta – listă articole publicate

Articole Publicate in reviste indexate Web of Science (WoS)

1. Roman, D.-L.; Matica, M.A.; Boros, B.-V.; Vulpe, C.-B.; **Isvoran, A.** Evaluation of the Impact of Flutriafol on Soil Culturable Microorganisms and on Soil Enzymes Activity. *Agriculture* 2024, 14, 1445. <https://doi.org/10.3390/agriculture14091445> Q1
2. Petreus, D.E.; **Isvoran, A.** Fractal Aspects of Human S100 Protein Structures. *Appl. Sci.* 2024, 14, 9540. <https://doi.org/10.3390/app14209540> Q2
3. Dascalu D., Ciorsac A., **Isvoran A.**, Computational assessment of the toxicological profiles of various chemicals to which humans are exposed. A review, *Ovidius University Annals of Chemistry* Volume 35, Number 2, pp. 83 - 90, 2024, <https://anale-chimie.univ-ovidius.ro/wp-content/uploads/2024/08/Abstract-11-2024.pdf>, Q3
4. Bitang A., Bitang V., Grosu V., Ciorsac A. A., **Isvoran A.** ADMET profiles of selected anabolic steroid derivatives, *Journal of the Serbian Chemical Society*, 2024, 89 (3) 367–382 <https://doi.org/10.2298/JSC230803086B>, Q3
5. Boros B-V, Roman D-L, **Isvoran A.** Evaluation of the Aquatic Toxicity of Several Triazole Fungicides. *Metabolites*. 2024; 14(4):197. <https://doi.org/10.3390/metabo14040197> Q2
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7. Caraba, M.N.; Roman, D.L.; Caraba, I.V.; **Isvoran, A.** Assessment of the Effects of the Herbicide Aclonifen and Its Soil Metabolites on Soil and Aquatic Environments. *Agriculture* 2023, 13, 1226. <https://doi.org/10.3390/agriculture13061226> Q2, imagine de coperta
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9. Vulpe, C.B.; Matica, M.A.; Kovacević, R.; Dascalu, D.; Stevanovic, Z.; **Isvoran, A.**; Ostafe, V.; Menghiu, G. Copper Accumulation Efficiency in Different Recombinant Microorganism Strains Available for Bioremediation of Heavy Metal-Polluted Waters. *Int. J. Mol. Sci.* 2023, 24, 7575. <https://doi.org/10.3390/ijms24087575> IF=5.8, AIS=0.71 Q1
10. S. Ceauranu, V. Ostafe, **A. Isvoran**, Impaired local hydrophobicity, structural stability and conformational flexibility due to point mutations in SULT1 family of enzymes, *J. Serb. Chem. Soc.* (2023) Volume 88, Issue 9, Pages: 841-857, <https://doi.org/10.2298/JSC230210022C> Q3
11. Matica M.A., Roman D. L., Ostafe V., **Isvoran A.**, Deeper inside the use of chitooligosaccharides in wound healing process: A computational approach, *J. Serb. Chem. Soc.* 88(3), 251-265 (2023) <https://doi.org/10.2298/JSC220702081M> Q3
12. Roman, D.L.; Matica, M.A.; **Ciorsac, A.**; Boros, B.V.; Isvoran, A. The Effects of the Fungicide Myclobutanil on Soil Enzyme Activity. *Agriculture* 2023, 13, 1956. <https://www.mdpi.com/2077-0472/13/10/1956> Q1
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14. **Isvoran A**, Peng Y, Ceauranu S, Schmidt L, Nicot AB, Miteva MA. Pharmacogenetics of human sulfotransferases and impact of amino acid exchange on Phase II drug metabolism. *Drug Discov Today*. 2022 Sep 9;27(11):103349. doi: 10.1016/j.drudis.2022.103349, **Q1**
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16. Roman, D.L.; Voiculescu, D.I.; Matica, M.A.; Baerle, V.; Filimon, M.N.; Ostafe, V.; **Isvoran, A.** Assessment of the Effects of Trifluconazole on Soil and Human Health. *Molecules* 2022, 27(19):6554. doi: 10.3390/molecules27196554, **Q2**
17. Roman DL, VoiculescuDI, Ostafe V, Ciorsac A, **Isvoran A**, A review of the toxicity of triazole fungicides approved to be used in European Union to the soil and aqueous environment, *Ovidius University Annals of Chemistry*, 2022, 33(2):113-120. DOI: 10.2478/auoc-2022-0017, <http://anale-chimie.univ-ovidius.ro/wp-content/uploads/2022/07/Article-17-2022.pdf> **Q4**
18. Voiculescu, D.I.; Roman, D.L.; Ostafe, V.; **Isvoran, A.** A Cheminformatics Study Regarding the Human Health Risks Assessment of the Stereoisomers of Difenoconazole. *Molecules* 2022, 27, 4682. <https://doi.org/10.3390/molecules27154682> **Q2**
19. Boros B. V., Grau N. I., **Isvoran A.**, Datcu A. D., Ianovici N., Ostafe V., A study of the effects of sodium alginate and sodium carboxymethyl cellulose on the growth of the common duckweed (*Lemna minor* L.). *J Serb. Chem. Soc.* 87 (5) 657–667 (2022) <https://doi.org/10.2298/JSC210805082B>, **Q3**
20. Voiculescu DI, Ostafe V., **Isvoran A.**, Computational assessment of the pharmacokinetics and toxicity of the intensive sweeteners, *Farmacia*, 2021, 69(6), 1032-1041, <https://doi.org/10.31925/farmacia.2021.6.3> **Q3**
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26. Roman DL; **Isvoran A**; Filip M; Ostafe V; Zinn M, In silico Assessment of Pharmacological Profile of Low Molecular Weight Oligo-Hydroxyalkanoates, *FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY*, Volume: 8, Article Number: 584010, 2020, DOI: 10.3389/fbioe.2020.584010, FI=6.064 **Q2**
27. Roman D., Ostafe V., **Isvoran A.** Deeper inside the specificity of lysozyme when degrading chitosan. A structural bioinformatics study, *Journal of Molecular Graphics and Modelling*, Volume 100, November 2020, 107676, <https://doi.org/10.1016/j.jmgm.2020.107676>, IF=2.942 **Q2**

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