

ISVORAN Adriana Vetuta – listă articole publicate

Articole Publicate in reviste indexate Web of Science (WoS)

1. 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 IF=3.408, imagine de coperta
2. Dascalu D., Isvoran A, Ianovici N., *Molecules*, Predictions of the Biological Effects of Several Acyclic Monoterpenes as Chemical Constituents of Essential Oils Extracted from Plants. *Molecules* 2023, 28, 4640. <https://doi.org/10.3390/> IF=4,927 AIS=0,671, Q2
3. 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=6.208 Q1
4. 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) in press, <https://doi.org/10.2298/JSC230210022C>
5. 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>
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7. Boros, B.-V.; Dascalu, D.; Ostafe, V.; **Isvoran, A.** Assessment of the Effects of Chitosan, Chitooligosaccharides and Their Derivatives on *Lemna minor*. *Molecules* 2022, 27, 6123. <https://doi.org/10.3390/molecules27186123> FI 4.927, AIS=0.671, Q2
8. Roman, D.L.; Voiculescu, D.I.; Matica, M.A.; Baerle, V.; Filimon, M.N.; Ostafe, V.; **Isvoran, A.** Assessment of the Effects of Triticonazole on Soil and Human Health. *Molecules* 2022, 27(19):6554. doi: 10.3390/molecules27196554. FI 4.927, AIS=0.671, Q2
9. 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> FI=0
10. Voiculescu, D.I.; Roman, D.L.; Ostafe, V.; **Isvoran, A.** A Cheminformatics Study Regarding the Human Health Risks Assessment of the Stereoisomers of Difenconazole. *Molecules* 2022, 27, 4682. <https://doi.org/10.3390/molecules27154682>, IF=4.927, AIS=0.671, Q2
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14. Roman, D.L.; Voiculescu, D.I.; Filip, M.; Ostafe, V.; **Isvoran, A.** Effects of Triazole Fungicides on Soil Microbiota and on the Activities of Enzymes Found in Soil: A Review. *Agriculture* 2021, 11, 893. <https://doi.org/10.3390/agriculture11090893>, IF=2.925, AIS=0.433, **Q1**
15. Filimon M.N., Roman D.L., Caraba I.V., **Isvoran A.** 2021. Assessment of the Effect of Application of the Herbicide S-Metolachlor on the Activity of Some Enzymes Found in Soil, *Agriculture* 11, no. 6: 469. <https://doi.org/10.3390/agriculture11060469>, IF=2.925, AIS=0.433, **Q1**
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18. 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**
19. 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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2. Vasile Ostafe, Zoran Stepanovic, Cornel Popovici Sturza, Adriana Isvoran, A knowledge base as a monitoring system of environmental state in mining operations areas of the cross-border region of Romania and Serbia, *New Frontiers in Chemistry*, 2021, vol 30(1), 1-7
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