

## Lista lucrărilor publicate

### TITLUL TEZEI DE DOCTORAT

Cercetării bacteriologice și enzimologice asupra apei și sedimentului din râul Crișul Alb, coordonator științific prof. univ. dr. Mihai Drăgan-Bularda, susținută în anul 2007

### LUCRĂRI ȘTIINȚIFICE - reviste cotate ISI și AIS

1. Caraba, I.V.; **Caraba, M.N\***. Effects of Feeding Management System on Milk Production and Milk Quality from Sheep of the Turcana Breed. *Animals* 2023, 13(18), 2977; <https://doi.org/10.3390/ani13182977>, (IF: 3,00)
2. **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>, (IF: 3,600)
3. 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 the soil and on the human health, *Molecules*, 2022, 27: 6554 (<https://doi.org/10.3390/molecules27196554>), WOS:000866929900001, (FI: 4,927)
4. **Filimon, M.N.**, Dumitrescu, G., Caraba, I.V., Sinitean A., Verdes D., Mituletu M., Cornianu M., Popescu R., Effects of mine waste water on rat: bioaccumulation and histopathological evaluation. *Environ Sci Pollut Res* 2021, 28, 20222–20239. (IF=4,223) <https://doi.org/10.1007/s11356-020-11844-3> AIS=0.603
5. **Filimon, M.N.**; Roman, D.L.; Bordean, D.; Isvoran, A. Impact of the herbicide oxyfluorfen on the activities of some enzymes found in soil and on populations of soil microorganisms. *Agronomy* 2021, 11(9), 1702; (IF=3,949) <https://doi.org/10.3390/agronomy11091702>
6. **Filimon, M.N.**; Caraba, I.V.; Popescu, R.; Dumitrescu, G.; Verdes, D.; Petculescu Ciochina, L.; Sinitean, A. Potential Ecological and Human Health Risks of Heavy Metals in Soils in Selected Copper Mining Areas-A Case Study: The Bor Area. *Int. J. Environ. Res. Public Health* 2021, 18, 1516. (IF=3,390) <https://doi.org/10.3390/ijerph18041516> AIS= 0.771
7. **Filimon, M.N.**; Roman, D.L.; Caraba, I.V.; Isvoran, A. Assessment of the Effect of Application of the Herbicide S-Metolachlor on the Activity of Some Enzymes Found in Soil. *Agriculture* 2021, 11, 469. (IF=2,925) <https://doi.org/10.3390/agriculture11060469> AIS=0.468
8. Popescu R., **Filimon MN.\***, Vlad DC., Verdes D., Moatar A, Moisei G., Gurani K., Caraba IV., Petculescu Ciochina L., Pinzaru I., Dehelean CA., Dumitrescu G., Antiproliferative and antibacterial potential of tetrahexylammonium bromide-based ionic liquids, *Experimental and Therapeutic Medicine*, 22: 672, 2021, DOI: 10.3892/etm.2021.10104, (IF=2,447) AIS=0.414
9. Moatar AE, Vlad CS, Vlad DC, Verdes DM, **Filimon MN**, Bloju O, Borcan F, Dehelean CA, Dumitrascu V 2020, Evaluation of antiproliferative potential of *Myrmecodia pendans* and its activity on il-8 secretion in colon cancer cell, *Farmacia*, 68(4):710-714, (IF=1,607; AIS=0.1) <https://doi.org/10.31925/farmacia.2020.4.17>
10. Pacioglu O, Strungaru S A, Ianovici N, **Filimon MN**, Sinitean A, Iacob G, Barabas H, Acs A, Muntean H, Plăvan G, Schulz R, Zubrod JP, Pârvulescu L. 2020. Ecophysiological and life-history adaptations of *Gammarus balcanicus* (Schäferna, 1922) in a sinking-cave

- stream from Western Carpathians (Romania). *Zoology*. 139. <https://doi.org/10.1016/j.zool.2020.125754> (IF=1.681; AIS=0.7)
11. Vlad CS, Vlaia L, Vlaia V, Dumitrașcu D, **Filimon MN\***, Popescu R, Cimporescu A, Dehelean C, Onwubiko CE, Vlad DC, 2019, Chromatographic analysis and antibacterial potential of extracts of *Gnetum africanum*, *Farmacia*, 67(6):1083-1090 (IF 1,607, AIS 0.100)
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  13. Mituletu M, **Filimon MN\***, Vlad DC, Cimporescu A, Dumitrescu E, Dumitrescu G, Nica C, Sinitean A, Verdes D, 2019, Effect of Lead Toxicity on the Structure and Function of Organs in Rats, *Rev.Chim.(Bucharest)*, 70(5):1639-1642, (IF 1,412, AIS 0.100)
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  19. **Filimon M.N.**, Popescu R., Horhat F.G., Voia O.S., 2016, Environmental impact of mining activity in Bor area as indicated by the distribution of heavy metals and bacterial population dynamics in sediment, *Knowledge and Management of Aquatic Ecosystems*, 417(30). DOI:10.1051/kmae/2016017, (IF 1,217, AIS 0.100)
  20. Popescu R., Daliborca CV., Cimporescu A., Vlad CS., Verdes D., Botau D., **Filimon MN.**, Pauliuc I., Citu C., Dumitrascu V., 2016, Chemical Properties and in vitro Antitumor Effects of Momordica Charantia Extracts in Different Solvents, *Revista de Chimie*, 67 (1): 69-73, (IF 1,262, AIS 0.100)
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  34. **Filimon MN**, Borozan AB, Bordean D-M, Popescu R, Gotia SR, Verdes D, Sinitean A, 2011, Sulphonylureic herbicidal risk in the detection of soil fungi communities, *African Journal of Microbiology Research*, 5(30): 5507-5511. (IF =0.539; AIS= 0.0727)
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- parameters, Proceedings of 23rd International Multidisciplinary Scientific GeoConference SGEM 2023, STEF92 Technology, vol 23, issue 6.1, 10.5593/sgem2023/6.1/s25.12, ISSN 1314-2704, ISSN 978-619-7603-61-3.
2. Caraba IV; **Caraba MN**; Hutanu D; Pet E; Popescu R, 2023, Evaluation of the antibacterial potential of Thymus pulegioides extract, Proceedings of 23rd International Multidisciplinary Scientific GeoConference SGEM 2023, STEF92 Technology, vol 23, issue 6.1, DOI 10.5593/sgem2023/6.1/s25.20 ISSN 1314-2704 ISBN 978-619-7603-61-3.
  3. **Filimon MN.**, Popescu R., Dumitrescu G., Bordean D., Feier AI., 2016, Microbiological and Biochemical Studies in Water and Sediment of the Jiu River - SW Romania, Ecology, Economics, Education and Legislation Conference Proceedings, Sgem 2016, Vol I, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, p. 435-442.
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  5. Hernea S., Feier A., **Filimon MN.**, Ciortea I., Buzdugan, M., 2016, Robustness A Concept in Case of Historic Bridges. Economical Studies Regarding Rehabilitation and Robustness, Ecology, Economics, Education and Legislation Conference Proceedings, Sgem 2016, Vol III, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, p. 509-514
  6. **Filimon MN**, Voia OS, Isvoran A, Popescu R, Ostafe V, Study of the possible indirect effect of difenoconazole on soil microorganisms, Nano, Bio and Green - Technologies for a Sustainable Future, Conference Proceedings Volume, Micro and nano Technologies, Advances in Biotechnology, 2015, p. 575-582.
  7. Voia SO., **Filimon MN.**, Gavojdian D., Czisztler LT., 2015, Estimating growth curves in unweaned lambs through stimulation of rumen function, Nano, Bio and Green - Technologies for a Sustainable Future, Conference Proceedings Volume, Micro and nano Technologies, Advances in Biotechnology, p. 419-426
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microbial balance, Geoconference On Water Resources, Forest, Marine And Ocean Ecosystems, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, p. 649-654.

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1. **Marioara Nicoleta Filimon**, Doru Cotuna, Mihail Drăgan-Bularda, 2004, The dehydrogenase activity in the sediments of the Crișul Alb river, Annals of West University of Timișoara, Ser. Biology, 7:9-14.
2. **Marioara Nicoleta Filimon**, Mirela Cozma, 2005, Variations of the leukocytes and lymphocytes in the case of acute lymphoblastic leukemia, Annals of West University of Timișoara, Ser. Biology, VII:83-90.
3. **Marioara Nicoleta Filimon**, 2005, Preliminary data regarding the water and the sediment of Timis River, Annals of West University of Timișoara, Ser. Biology, VII:73-82.
4. **Marioara Nicoleta Filimon**, 2006, Data regarding the bacteriological and enzymatic activity in the water and sediments of Bârzava River, Annals of West University of Timișoara, Ser. Biology, IX:55-64.
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6. **Marioara Nicoleta Filimon**, Mihail Drăgan-Bularda, 2007, Seasonale study regarding the faecal pollution of the water from the Crișul Alb river, Studia Universitatis Babeș-Bolyai, Biologia, LII(1):93-101.
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10. **Marioara Nicoleta Filimon**, 2007, Research concerning the Fe circuit in the environment, Annals of West University of Timișoara, Ser. Biology, X: 93-102.
11. **Marioara Nicoleta Filimon**, Smaranda Rodica Goția, Laura Goția, George Dan Ion, 2008, The effect of the treatment and the collateral factors during the epilepsy, Annals of West University of Timișoara, Ser. Biology, XI:57-68.
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18. **Marioara Nicoleta Filimon**, Rodica Török-Oance, Adrian Sinitean, Aurica Borozan, Florina Radu, 2009, Estimation of the efficiency of the Floricola S.A. Orsova water purification station in the reduction of surface water pollution, *Annals of West University of Timișoara, Series of Chemistry*, 18 (3):27-36.
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21. **Marioara Nicoleta Filimon**, Aurica Borozan, Despina Bordean, Popescu Roxana, Adrian Sinitean, Corina Misca, 2010, Microscopic fungi, a source for qualitative impairment of meat products, *Journal of Agroalimentary Processes and Technologies*, 16(3):390-393.
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23. **Marioara Nicoleta Filimon**, Aurica Borozan, Adrian Sinitean, Popescu Roxana, Rodica Torok-Oance, Doina Verdes, 2010, Bacteriological studies on Timis and Bega Rivers with a role in appreciating pollution, *Annals of RSCB*, XV(2):217-220.
24. **Marioara Nicoleta Filimon**, Aurica Borozan, Despina Bordean, Florina Radu, Roxana Popescu, 2010, Microorganisms, Qualitative Indicators for Meat Products, *Animal Science and Biotechnologies*, 43(2):346-349.
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27. **Marioara Nicoleta Filimon**, Adrian Sinitean, Nicoleta Ianovici, Aurica Borozan, Despina Maria Bordean, Gabi Dumitrescu, Roxana Popescu, 2012, The Influence Of Deoxynivalenol (Don) On Hemoleucogram Components At Rats, *Analele Universității din Oradea, Fascicola Biologie*, XIX(1):23-28.
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32. **Marioara Nicoleta Filimon**, Adrian Sinitean, Georgiana Porosanu, Ana Fulger, 2012, Fisheries management influence on some ecophysiological groups of bacteria in lentic ecosystems of the Cefa Nature Park (Crișana, Romania), *Transylvanian Review of Systematical and Ecological Research*, 13(1): 161-170.
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