

LISTA LUCRĂRILOR PUBLICATE

Articole:

1. **Viorel Gheorghe**, C. G. Gheorghe, D. R. Popovici, S. Mihai, R. E. Dragomir, R. Somoghi, *Reduction of Oxygen Production by Algal Cells in the Presence of O -Chlorobenzylidene Malononitrile*, Bioengineering, 2024, 11, (6), 623;
<https://doi.org/10.3390/bioengineering11060623> IF: 4,6, Citescore: 4
2. **Viorel Gheorghe**, C. G. Gheorghe, D. R. Popovici, S. Mihai, C. Calin, E. E. Sarbu, R. Doukeh, N. Grigoriu, C. N. Toader, C. Epure, V. Matei -*Synthesis, Purity Check, Hydrolysis and Removal of o-Chlorobenzyliden Malononitrile (CBM) by Biological Selective Media*, Toxics 2023, 11(8), 672; <https://doi.org/10.3390/toxics11080672> IF 4,6, Citescore 3,4;
3. **Viorel Gheorghe** C. G. Gheorghe, A Bondarev, R Somoghi, *Ecotoxicity of o-Chlorobenzylidene Malononitrile (CBM) and Toxicological Risk assessment for SCLP Biological Cultures (Saccharomyces sp., Chlorella sp., Lactobacillus sp , Paramecium sp.)* Toxics, 2023, 11 (3), 285, <https://doi.org/10.3390/toxics11030285> IF 4,472, Citescore 3,7;
4. A Bondarev, C. G. Gheorghe, **Viorel Gheorghe**, M Bombos, *Removal of dyes from textile wastewater using sawdust as low-cost biosorbent* Revista de Chimie, 2020, 71 (3), 387-396, <https://doi.org/10.37358/Rev>;
5. **Viorel Gheorghe**, C. G. Gheorghe, A Bondarev, C. N. Toader, M Bomboș *The contamination effects and toxicological characterization of o-chlorobenzylidene manolonitrile*, Revista de Chimie, 2020, 71, 67-75, <https://doi.org/10.37358/Rev.Chim.1949> ;
6. **Viorel Gheorghe**, C. G. Gheorghe, A. Bondarev, V. Matei, M Bombos *The Malachit Green Biodegradation in Bioreactors on Various pH Domains*, Rev. Chim 70 (8), 2996-2999, 2019; IF 1.755

Conferinte:

7. **Viorel Gheorghe**, C. G. Gheorghe, *Screening behavioral responses of certain microorganisms to CBM toxic used in military and law enforcement operations*, 5 th International Colloquium Energy and Environmental Protection, 2023, Ploiesti;
8. **Viorel Gheorghe**, C. G. Gheorghe, A Bondarev, C. N. Toader, *Growth kinetic of SPLC-cultures for CBM and toxicological risk assesment* Catalysis, Chemical Engineering and Technology, 2023, Tokyo, Japan 15-th Edition;

9. C. G. Gheorghe, **Viorel Gheorghe**, A. Bondarev *Environmental Bioremediation-the malachit green adsorption in bioreactors on various pH domains* Journal of Petroleum & Environmental Biotechnology, 2018, (ISSN: 2157-7463), 86, Roma, DOI: 10.4172/2157-7463-C2-044.