

LISTĂ LUCRĂRI PUBLICATE

ARTICOLE PUBLICATE ÎN REVISTE CATEGORIA A (COTATE ISI)

1. **D. L. ROMAN**, M. ROMAN, C. SOM, M. SCHMUTZ, E. HERNANDEZ, P. WICK, T. CASALINI, G. PERALE, V. OSTAFE, A. ISVORAN, Computational assessment of the pharmacological profiles of degradation products of chitosan, *Frontiers in Bioengineering and Biotechnology*, 7:214, **IF: 5.122**, doi: 10.3389/fbioe.2019.00214; WOS: 000484809900002 - Q1 (zona roșie) - prim autor
2. **D. L. ROMAN**, M. ROMAN, H. SLETTA, V. OSTAFE, A. ISVORAN, *Assessment of the properties of chitin deacetylases showing different enzymatic action patterns*, *Journal of Molecular Graphics and Modelling* 88: 41 - 48, 2019, **IF: 1.863**, <https://doi.org/10.1016/j.jmgm.2019.01.002>; WOS:000462693500005 - Q2 (zona galbenă) - prim autor
3. M. ROMAN, **D. L. ROMAN**, V. OSTAFE, A. CIORSAC, A. ISVORAN, *Computational assessment of pharmacokinetics and biological effects of some anabolic and androgen steroids*, *Pharmaceutical Research* 35: 41, 2018, **IF: 3.896**, <https://doi.org/10.1007/s11095-018-2353-1>; WOS:000424317700019 - Q1 (zona roșie) - coautor
4. A. ISVORAN, M. LOUET, **D. L. VLĂDOIU**, D. CRACIUN, M. A. LORIOT, B. O. VILLOUTREIX, M. A. MITEVA, *Pharmacogenomics of the cytochrome P450 2C family: impacts of amino acid variations on drug metabolism*, *Drug Discovery Today* 22(2), 366-376, 2017, **IF: 6.848**, <http://dx.doi.org/10.1016/j.drudis.2016.09.015>; WOS:000395223800015 - Q1 (zona roșie) - coautor
5. **D. L. VLĂDOIU**, V. OSTAFE, A. ISVORAN, *Computational analysis of the effects of mutations on catalytic cavity of chitinases A*, *Romanian Biotechnological Letters* 22(1), 12290-12296, 2017, **IF 0.321**; WOS:000403059300015 - Q3 (zona gri) - prim autor

6. **D. L. VLĂDOIU**, V. OSTAFE, A. ISVORAN, *Computational analysis of the structural properties of alpha - and beta - galactosidases*, *Studia UBB Chemia*, LX, 1, 2015, 239-251, **IF 0.148**; WOS:000369161500023 - Q3 (zona gri) - prim autor

7. **D. L. VLĂDOIU**, M. N. FILIMON, V. OSTAFE, A. ISVORAN, *Assessment of pesticides interactions with Bacillus pasteurii urease. A computational study*, *Romanian Journal of Physics*, Vol. 60, Nos. 3–4, p. 583–592, Bucharest, 2015, **IF 1.433**; WOS:000354594500025 - Q3 (zona gri) - prim autor

8. M. N. FILIMON, S. O. VOIA, **D. L. VLĂDOIU**, A. ISVORAN, V. OSTAFE, *Temperature dependent effect of difenoconazole on enzymatic activity from the soil*, *Journal of the Serbian Chemical Society* 80(9), 1127–1137, 2015, **IF 0.970**; WOS:000364205600003 - Q3 (zona gri) - coautor

9. **D. L. VLĂDOIU**, M.N. FILIMON, V. OSTAFE, A. ISVORAN, *Effects of herbicides and fungicides on the soil chitinolytic activity. A molecular docking approach*, *Ecological Chemistry and Engineering S*, 2015, 22(3):439-450, **IF 0.552**, doi: 10.1515/eces-2015-0025; WOS:000362413900008 - Q3 (zona gri) - prim autor

10. M. N. FILIMON, S. O. VOIA, R. POPESCU, D. M. BORDEAN, **D. L. VLĂDOIU**, M. MITULETU, V. OSTAFE, *The effect of chlorsulfuron and MCPB-Na on the enzymatic activity of microorganisms*, *Journal of the Serbian Chemical Society* 79(9) 1075–1084, 2014, **IF 0.871**, DOI: 10.2298/JSC140115031F; WOS:000342524500003 - Q3 (zona gri) - coautor

ISI PROCEEDING

1. A. CIORSAC, **D. L. VLĂDOIU**, C. FAGNEN, M. LOUET, M. A. MITEVA, A. ISVORAN, *Assessment of some pesticides interactions with human cytochrome P450: CYP2C8, CYP2C9 and CYP2C19 by molecular docking approach*, *AIP Conference Proceedings* 9th International Physics Conference of the Balkan Physical Union (BPU-9), 2016, doi: 10.1063/1.4944305

2. **D. L. VLĂDOIU**, M.N. FILIMON, V. OSTAFE, A. ISVORAN, *Computational analysis of difenoconazole interaction with soil chitinases*, Journal of Physics: Conference Series 574 (2015) 012012, doi:10.1088/1742-6596/574/1/012012

ARTICOLE PUBLICATE ÎN REVISTE CATEGORIA B⁺ (INDEXATE BDI)

1. M. ROMAN, **D. L. ROMAN**, V. OSTAFE, A. ISVORAN, Computational assessment of biological effects of methyl-, ethyl-, propyl- and butyl- parabens, JSM Bioinformatics, Genomics and Proteomics 3(1): 1029, 2018
2. **D. L. VLĂDOIU**, C. BEJINAR, D. VOICULESCU, A. KOLOZSVARI, D. DATCU, A. CIORSAC, A. ISVORAN, Bioinformatics analysis of cytochrome P450 2C family, Romanian Journal of Biophysics 17(2), 107-124, 2016
3. G. MENGHIU, A. MURVAY, M. BLAZIC, N. ZELENOVIC, **D. L. VLĂDOIU**, V. OSTAFE, *Transfer of a gene from a bacterial cloning plasmid to an yeast expression plasmid*, Annals of West University of Timisoara, Series of Chemistry 22(3-4), 55-66, 2013
4. **D. L. VLĂDOIU**, D. GAVRA, C. CRĂCIUNESCU, A. CIUR, L. ILIEȘI, R. POPESCU, *Effect of herbicides on bacterial communities from soil*, Annals of West University of Timisoara, Series of Chemistry 22(2), 85-90, 2013
5. I. Avram, D. Modra, **D. L. VLĂDOIU**, *Dosing methods of benzophenone*, Annals of West University of Timisoara, Series of Chemistry 22(2), 39-46, 2013
6. **D. L. VLĂDOIU**, V. OSTAFE, M. N. FILIMON, A. CIOSAC, A. ISVORAN, *Computational analysis of surface properties of alpha-galactosidase from Saccharomyces cerevisiae*, Annals of West University of Timisoara, Series of Chemistry 22(2), 1-8, 2013

7. **D. L. VLĂDOIU**, C. BOLCU, T. VLASE, *Thermal degradation study of some local anesthetic drugs*, Annals of West University of Timisoara, Series of Chemistry 21(1), 29-38, 2012

8. N. IANOVICI, I. D. NOVAC, **D. L. VLĂDOIU**, A. BIJAN, A. IONAȘCU, B. SĂLĂȘAN, I. RĂMUȘ, *Biomonitoring of urban habitat quality by anatomical leaf parameters in Timișoara*, Annals of West University of Timișoara, ser. Biology, XII, 73-86, 2009

MONOGRAFII

D. L. VLĂDOIU, A. ISVORAN, V. OSTAFE, Galactozidaze si Chitinaze, Seria de Monografii de Biochimie Cuantică și Interacții Specifice, Vol. 15, 2016, ISSN 1584-1251

D. L. VLĂDOIU, C. BOLCU, Anestezice locale, Seria Monografii de Chimie, Vol. 78, Editura Universității de Vest Timișoara, 2012, ISSN 1584-1227