

Domeniul BIOLOGIE

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2. CRACIUN D., ISVORAN A. 2014. Computational analysis of surface properties of ef-hand calcium binding proteins, *Romanian Journal of Physics*, 59 (3-4) 339-345
3. DUMITRESCU G, PETCULESCU CIOCHINĂ L, STANA L, CREȚESCU I, POPESCU R, FILIMON MN, VOIA OS. 2014. Acute effects of tetrabutylammonium chloride ionic liquid on the histological structure of liver and kidney in the mouse, *Romanian Biotechnological Letters*, 19(1): 8925-8934.
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5. ISVORAN A., CRACIUN D., CIORSAC A., PERROT N., BESWICK V., NEDELLEC P., SANSON A., JAMIN N. 2014. A bioinformatics study concerning the structural and functional properties of human caveolin proteins, *Journal of the Serbian Chemical Society*, 79(2) 133-150
6. PASTOR I., PITULICE L., BALCELLS C., VILASECA E., MADURGA S., ISVORAN A., CASCANTE M., MAS F. 2014. Effect of crowding by Dextran in enzymatic reactions, *Biophysical Chemistry*, 185:8-13
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8. PETCULESCU CIOCHINĂ L, DUMITRESCU G, PACALA N, VOIA OS, POPESCU R, FILIMON MN. 2014. IHC-P analysis of apoptotic process, in adult mouse ovary, by highlighting the Bcl-2 and Bax proteins, *Romanian Biotechnological Letters*, 19(2): 9119-9127
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10. SCHRIMPF A, THEISSINGER K, DAHLEM J, MAGUIRE I, PÂRVULESCU L, SCHULZ HK, SCHULZ R. 2014. Phylogeography of noble crayfish (*Astacus astacus*) reveals multiple refugia. *Freshwater Biology* 59: 761–776
11. VOIA OS, FILIMON MN, DUMITRESCU G, PETCULESCU-CIOCHINĂ L. 2014. The effect of feed processing on ruminal parameters in intensively fattened lambs, *Romanian Biotechnological Letters*, 19(6): 9997-10005

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1. DATCU A.D. 2014. Investigations about the seasonal dynamics in the urban environment on *Plantago major*. *Annals of West University of Timișoara, ser. Biology*, XVII (2): 87-94.

2. MIRCIOV V.D, FERICEANU M., CIORSAC A., **ISVORAN A.** 2014. A non-random variation of monthly average temperatures and precipitation quantities in Romania during the period 2009-2012, *Annales of West University of Timisoara. Series of Biology*, 17(1) 33-37
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7. **PETROVICI M.**, NAGY A. 2014. Structure of bird communities from Cefa Nature Park. *Transylvanian Review of Systematical and Ecological Research* 16(1), ISSN 1841-7051, pp: 109-124.
8. **VLĂDOIU D-L, FILIMON MN, OSTAFE V, ISVORAN A.** 2014. Computational analysis of difenoconazole interaction with soil chitinase, Edited by: Vagenas, EC; Vlachos, DS; Bastos, C; Hofer, T; Kominis, Y; Kosmas, O; LeLay, G; DePadova, P; Rode, B; Suraud, E; Varga, K.; 3RD International Conference On Mathematical Modeling In Physical Sciences (IC-MSQUARE 2014), Book Series: *Journal of Physics Conference Series*, Volume: 574, Article Number: 012012, DOI: 10.1088/1742-6596/574/1/012012