

Domeniul BIOLOGIE

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1. **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
2. **IANOVICI N.** 2016. Atmospheric concentrations of selected allergenic fungal spores in relation to some meteorological factors, in Timișoara (Romania), Aerobiologia, 32 (1): 139-156.
3. MAKRA L., MATYASOVSKY I., TUSNÁDY G., WANG Y., CSÉPE Z., BOZÓKI Z., NYÚL L.G., EROSTYÁK J., BODNÁR K., SÜMEGHY Z., VOGEL H., PAULING A., PÁLDY A., MAGYAR D., KOFOL SELIGER A., MÁNYOKI G., BERGMANN K.C., BONINI M., ŠIKOPARIJA B., RADIŠIĆ P., GEHRIG R., STJEPANOVIĆ B., RODINKOVA V., PRIKHODKO A., MALEEVA A., SEVEROVA E., ŠČEVKOVÁ J., **IANOVICI N.**, PETERNEL R., THIBAUDON M. 2016. Biogeographical estimates of allergenic pollen transport over regional scales: Common ragweed and Szeged, Hungary as a test case. Agricultural and Forest Meteorology, 221: 94-110
4. **PÂRVULESCU L**, ZAHARIA C, GROZA MI, CSILLIK O, SATMARI A, DRĂGUȚ L. 2016. Flash-flood potential: a proxy for crayfish habitat stability. Ecohydrology 9: 1507–1516
5. PITULICE L., CRACIUN D., VILASECA E., MADURGA S., PASTOR I., FRANCESC M., **ISVORAN A.** 2016. Fractal dimension of the trajectory of a single particle diffusing in crowded media, Romanian Journal of Physics, 61 (7-8), 1276-1286
6. 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
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2. **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.
3. **FILIMON MN.**, POPESCU R., VLAD DC., BORDEAN DM., VERDES D. 2016. Antimicrobial and Antifungal Activity of Aqueous and Ethanol Extracts of Momordica Charantia L. Leaves, Nano, Bio and Green - Technologies for A Sustainable Future Conference Proceedings, Sgem 2016, Vol I, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, p.

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4. 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
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6. **IANOVICI N.** 2016. Taraxacum officinale (Asteraceae) in the urban environment: seasonal fluctuations of plants traits and their relationship with meteorological factors. Acta Agrobotanica. DOI: 10.5586/aa.1677
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10. **VLĂDOIU D. L.**, C. BEJINAR, D. VOICULESCU, A. KOLOZSVARI, **D. DATCU**, A. CIORSAC, **A. ISVORAN.** 2016. Bioinformatics analysis of cytochrome P450 2C family, Romanian Journal of Biophysics 17(2), 107-124