



## LUCRĂRI ISI PUBLICATE ÎN ISER ÎN PERIOADA 2000-2019

**Total : 393 lucrări**

### **Anul 2019**

1. **Baba, Șt., Giurginca, A., Murariu, D** - Extent of Sampling Effort of the Romanian Centipedes (Myriapoda: Chilopoda): Issues and Advances. *Acta Zoologica Bulgarica*, **71(1)**: 29-36. **IF = 0.46**
2. **Baba, Șt. C., Giurginca, A. & Murariu, D.**- Significance and importance of the “Emil Racoviță” Institute of Speleology centipede collection. *International Journal of Advances in Science Engineering and Technology*, **7 (1)**: 36-40. **I.F.=0,41.**
3. **Bădăluță C.-A., Perșoiu A.**, Ionita M., Nagavciuc V., Bistricean P.-I. - Stable H and O isotope-based investigation of moisture sources and their role in river and groundwater recharge in the NE Carpathian Mountains, East - Central Europe. *Isotopes in Health and Environmental Studies*. **55 (2)**: 161-178 **I.F.=1.367**
4. Bini M., Zanchetta G., **Perșoiu A.**, Cartier, R., Català A., Cacho I., Dean J.R., Di Rita F., Drysdale R.N., Finnè M., Isola I., Jalali B., Lirer F., Magri D., Masi A., Marks L., Mercuri A.M., Peyron O., Sadori L., Sicre M.-A., Welc F., Zielhofer C., Brisset, E.- The 4.2 ka BP event in the Mediterranean region: an overview. *Climate of the Past*. **15 (2)**: 555-577. **I.F.= 3.470**
5. Borko Š., Collette M., **Brad T.**, Zakšek V., Flot J.-F., Vaxevanopoulos M., **Sarbu S. M.** and Fišer C.- Amphipods in a Greek cave with sulphidic and non-sulphidic water: phylogenetically clustered and ecologically divergent, *Systematics and Biodiversity*, DOI: 10.1080/14772000.2019.1670273 **I.F.=2.356**
6. Comas-Bru, L., Harrison, S.P., Werner, M., Rehfeld, K., Scroxton, N., Veiga-Pires, C., and **SISAL working group members** - Evaluating model outputs using integrated global speleothem records of climate change since the last glacial, *Climate of the Past*, **15**:1557-1579. **I.F. = 3.638**
7. Constantin D., **Veres D.**, Panaiotu C., Anechitei-Deacu V., Groza S.M., Begy R., Kelemen S., Buylaert J.-P., Hambach U., Marković S.B., Gerasimenko N., Timar-Gabor A.- Luminescence age constraints on the Pleistocene-Holocene transition recorded in loess sequences across SE Europe. *Quaternary Geochronology* **49**:71-77. **I.F.= 3.962**
8. Dragu A, Csorba G & **Băncilă R.I.**- Ecological character displacement in mandibular morphology of three sympatric horseshoe bats. *Hystrix, the Italian Journal of Mammalogy*, **30**: 51 – 58 **I.F.=1.195.**
9. Ersmark, E., Baryshnikov, G., Higham, T., Argant, A., Castaños, P., Döppes, D., Gasparik, M., Germonpré, M., Lidén, K., Lipecki, G., Marciszak, M., Miller, R., Moreno-García, M., Pacher, M., **Robu, M.**, Rodriguez-Varela, R & all - Genetic turnovers and northern survival during the last glacial maximum in European brown bears. *Ecology and Evolution*, **9(10)**: 5891-5905. **I.F.=2.537**
10. Groza S.M., Hambach U., **Veres D.**, Vulpoi A., Haendel M., Einwögerer T., Simon U., Neugebauer-Maresch C., Timar-Gabor A.- Optically stimulated luminescence ages for the Upper Palaeolithic site Krems-Wachtberg, Austria. *Quaternary Geochronology* **49**:242-248 **I.F.= 3.962**
11. Karátson D., Telbisz T., Dibacto S., Lahitte P., Szakács A., **Veres D.**, Gertisser R., Jánosi C., Timár G. - Eruptive history of the Late Quaternary Ciomadul (Csomád) volcano, East Carpathians, part II: magma output rates. *Bulletin of Volcanology*, **81(4)**:28. **I.F.= 2.232**



12. Kern, Z., Demény, A., **Perșoiu, A.**, Hatvani, I.G. - Speleothem records from the Eastern part of Europe and Turkey - discussion on stable oxygen and carbon isotopes. *Quaternary*, **2(3)**: 31
13. Lahitte P., Dibacto S., Karátson D., Gertisser R., **Veres D.**- Eruptive history of the Late Quaternary Ciomadul (Csomád) volcano, East Carpathians, part I: timing of lava dome activity. *Bulletin of Volcanology* **81(4)**:27. **I.F.=2.232**
14. Longman J., **Veres D.**, Ersek V., Haliuc A., Wennrich V- Runoff events and related rainfall variability in the Southern Carpathians during the last 2000 years. *Scientific Reports* **9(1)**:5334. **I.F.= 4.122**
15. Longman J., **Veres D.**, Wennrich V.- Utilisation of XRF core scanning on peat and other highly organic sediments. *Quaternary International*, **514**:85-96 **I.F.= 1.952**
16. Magyari E.K., Pál I., Vincze I., **Veres D.**, Jakab G., Braun M., Szalai Z., Szabó Z., Korponai J- Warm Younger Dryas summers and early late glacial spread of temperate deciduous trees in the Pannonian Basin during the last glacial termination (20-9 kyr cal BP). *Quaternary Science Reviews* **225**, 105980. **I.F.= 4.641**
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18. Mammola S, Cardoso P, Angyal D, Balázs G, Blick T, Brustel H, Carter J, Ćurčić S, Danflous S, Dányi L, Déjean S, Deltshv C, Elverici M, Fernández J, Gasparo F, Komnenov M, Komposch C, Kováč L, Kunt KB, Mock A, **Moldovan OT**, Naumova M, Pavlek M, Prieto CE, Ribera C, Rozwałka R, Růžička V, Vargovitsh RS, Zaenker S, Isaia M.- Local- versus broad-scale environmental drivers of continental  $\beta$ -diversity patterns in subterranean spider communities across Europe. *Proceedings of the Royal Society B: Biological Sciences* **286**: <https://doi.org/10.1098/rspb.2019.1579>. **I.F.= 4,304**
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21. **Moldovan, O. T., Brad T.**- Comment on "Assessing preservation priorities of caves and karst areas using the frequency of endemic cave-dwelling species" by Nitzu et al., 2018, *Int. J. Speleol.*, **47(1)**: 43-52. *International Journal of Speleology*, **48**: 107-109. **I.F.= 1,130**
22. Mondini, A., Donhauser, J., Itcus, C., **Marin, C., Perșoiu, A.**, Frey, B., Purcarea, C. – High-throughput sequencing of fungal community diversity across the perennial ice block of Scărișoara Ice Cave. *Annals of Glaciology*, **59 (77)**:134–146 **I.F.= 3,131**
23. Nagavciuc V., Ioniță M., **Perșoiu A.**, Popa I., Loader N., McCarroll D. - Stable oxygen isotopes in Romanian oak tree rings record summer droughts and associated large-scale circulation patterns over Europe. *Climate Dynamics*, **52 (11)**: 6557-6568 **I.F.= 4.048**
24. **Nitzu E., Meleg I., Giurginca A.**- A reply to the comment on "Assesing preservation of caves and karst areas using the frequency of endemic cave-dwelling species". *International Journal of Speleology*, **48(1)**:111-113. **I.F.=1,439**
25. Obreht I., Zeeden C., Hambach U., **Veres D.**, Marković S.B., Lehmkuhl F.- A critical reevaluation of palaeoclimate proxy records from loess in the Carpathian Basin. *Earth-Science Reviews* **190**:498-520 **I.F.=9.530**



26. **Onac B.P.** – Marcian D. Bleahu (1924-2019). *International Journal of Speleology*, **48 (3)** I.F.=1,439

27. Păun V.I., Icaza G., Lavin P., **Marin C.**, **Tudorache A.**, **Perșoiu A.**, Dorador C., Purcărea C.- Total and potentially active bacterial communities entrapped in a Late Glacial through Holocene ice core from Scărișoara Ice Cave, Romania. *Frontiers in Microbiology*, **10**: 1193. I.F.= **4.259**

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29. **Perșoiu A.**, Ioniță M., Weiss H. - Atmospheric blocking induced by the strengthened Siberian High led to drying in the Middle East during the 4.2 ka event – a hypothesis, *Climate of the Past*, **15 (2)**: 781-793. I.F.= **3.470**.

30. **Perșoiu I.**, **Perșoiu A.** - Flood events in Transylvania during the Medieval Warm Period and the Little Ice Age. *The Holocene*, **29 (1)**: 85-96. I.F.= **2.547**.

31. Reboul G., Moreira D., Bertolino P., **Hillebrand-Voiculescu A.M.**, López-García P.- *Microbial eukaryotes in the suboxic chemosynthetic ecosystem of Movile Cave, Romania*, *Environmental Microbiology Reports*, **11(3)**: 464-473 I.F.= **2.885**

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35. Zeeden, C., Hambach, U., **Veres, D.**, Fitzsimmons, K. E., Obrecht, I., Böskén, J., et al.- Corrigendum to “Millennial scale climate oscillations recorded in the Lower Danube loess over the last glacial period” [*Palaeogeogr. Palaeoclimatol. Palaeoecol.* **509**, 15 November 2018 164–181]. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **523**:116-117. I.F.= **2.616**

## Anul 2018

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2. Atsawawaranunt, K., Comas-Bru, L., Amirnezhad Mozhdehi, S., Deininger, M., Harrison, S. P., Baker, A., Boyd, M., Kaushal, N., Ahmad, S. M., Ait Brahim, Y., Arienzo, M., Bajo, P., Braun, K., Burstyn, Y., Chawchai, S., Duan, W., Hatvani, I. G., Hu, J., Kern, Z., Labuhn, I., Lachniet, M., Lechleitner, F. A., Lorrey, A., Pérez-Mejías, C., Pickering, R., Scroxtton, N., and **SISAL Working Group Members**- The SISAL database: a global resource to document oxygen and carbon isotope records from speleothems, *Earth Syst. Sci. Data*, **10**, IF=**8.792**



3. Balescu, S., Tuffreau, A., Dobrescu, R., Auguste, P., Bahain, J.-J., Lamothe, M., **Petculescu, A.**, Shao, Q. -New data on the chronology of Palaeolithic sites in loessic environments of northeastern and southeastern Romania (Eastern periphery of the Carpathian Mountains) [Nouvelles données sur la chronologie des sites paléolithiques en contexte lœssique du Nord-Est et du Sud-Est de la Roumanie (Périphérie orientale des Carpates)] *Anthropologie*, **122 (2)**, pp. 87-110, **IF=0.95**
4. **Băncilă, R.I.**, Pradel, R., Choquet, R., **Plăiașu, R.**, Gimenez, O. - Using temporary emigration to inform movement behaviour of cave-dwelling invertebrates: a case study of a cave harvestman species. *Ecological Entomology*, **IF = 2,244**
5. Bercea, S., **Nastase-Bucur, R.**, **Mirea, I.C.**, Mantoiu, D.S., **Kenez, M.**, **Petculescu, A.**, Baricz, A., Andrei, A-S., Banciu, H.L., Papp, B., **Constantin, S.**, **Moldovan, O.T.** - Novel approach to microbiological airmonitoring in show caves. *Aerobiologia*, **IF= 1.515**
6. **Brad, T.**, Iteuș, C., Pascu, MD., **Perșoiu, A.**, **Hillebrand-Voiculescu A.**, Iancu L., Purcarea C. - Fungi in perrenial ice from Scărișoara Cave (Romania). *Scientific Reports*, **8(1)**: 10096; **IF = 4,122**
7. Burghele, B.D., Cucos, A., Papp, B., Stetca, F.A., **Mirea, I.C.**, **Constantin, S.**-Distribution of Radon gas in Romanian show caves and radiation safety. *Radiation Protection Dosimetry*, **IF=0.822**
8. Cleary, D.M., **Onac, B.P.**, Tantau, I., Wynn, J.G., Forray, F.L., Ionita, M., Tamas, T. - A guano-derived  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  record of climate since the Medieval Warm Period in NW. *Journal of Quaternary Science*, **33 (6)**: 677-688 (**IF: 2.324**)
9. Cogălniceanu, D., Ruști, D., **Plăiașu, R.**, Palmer, M.W. - Out in the cold: Trophic resource use by the common frog (*Rana temporaria*) populations inhabiting extreme habitats. *Annales Zoologici Fennici*, **55**: 257-275. **IF = 0.732.**
10. **Constantin, S.**, Toulkeridis, T., **Moldovan, O.T.**, Villacis, M., Addison, A.- Caves and karst of Ecuador – state-of-the-art and research perspectives, *Physical Geography*, (**IF= 1.086**)
11. Cosac, M., Murătoareanu, G., **Veres, D.**, Niță, L., Schmidt, C., Hambach, U., Alexandru, R., Cuculici, R., Buzea, D.L., Mărgărit, M., Dumitrașcu, V., Vasile, Șt., **Petculescu, A.**, Dénes, I. - Multi-proxy archaeological investigations of a Middle Palaeolithic occupation context in Eastern Transylvania, Romania. *Quaternary International*, **485**: 115-130. **IF=2.5**
12. **Drăgușin V.**, Tîrlă L., Cadicheanu N., Ersek V. & **Mirea I.-C.** - Caves as observatories for atmospheric thermal tides: an example from Ascunsă Cave, Romania. *International Journal of Speleology*, **47 (1)**:113-117 (**IF=1.439**)
13. Ersek V., **Onac B.P.**, **Perșoiu A.** - Kinetic processes and stable isotopes in cave dripwaters as indicators of winter severity. *Hydrological Processes*, **32(18)**: 2856-2862. **IF=3.181**
14. Hubay K., Braun M., Buczkó K., Pál I., **Veres D.**, Túri M., Bíró T., Magyari E. - Holocene environmental changes as recorded in the geochemistry of glacial lake sediments from Retezat Mountains, South Carpathians. *Quaternary International* **477**, 19-39. **IF= 2.199**
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16. Kearney R., Albert P.G., Staff R.A., Pál I., **Veres D.**, Magyari E., Bronk Ramsey, C. - Ultra-distal fine ash occurrences of the Icelandic Askja-S Plinian eruption deposits in Southern Carpathian lakes: new age constraints on a continental scale tephrostratigraphic marker. *Quaternary Science Reviews* **188**, 174-182. **IF=4.797**
17. Kumaresan, D, Stephenson, J, Doxey, AC, Bandukwala, H, Brooks, E, **Hillebrand-Voiculescu, A.M.**, Whiteley, A.S., Murrell J.C. - Aerobic proteobacterial methylotrophs in Movile Cave: genomic and metagenomic analyses. *Microbiome*, **6(1)**:1; **IF = 9,133**



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21. Magyari, E.K., **Veres D.**, Braun, M., Buczkó, K. - Providing long environmental records of Late Quaternary climatic oscillations in the South Carpathian Retezat Mountains (PROLONG) – an introduction to the project. *Quaternary International*, **477:1-6**. **IF=2.199**
22. Manu, M, **Băncilă, R.I.**, Onete, M - Importance of moss habitats for mesostigmatid mites (Acari: Mesostigmata) in Romania. *Turkish Journal of Zoology*, **42(6):** 673-683. **IF = 0,651**
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29. **Nitzu, E.**, **Vlaicu, M.**, **Giurginca, A.**, **Meleg, I.N.**, **Popa I.**, **Nae A.**, **Baba St. C.** - Assessing preservation priorities of caves and karst areas using the frequency of endemic cave-dwelling species. *International Journal of Speleology*, **47 (1):**43-52. Tampa, FL (USA) ISSN 0392-6672. **IF=1,439**.
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33. **Robu, M.**, **Mirea, I.C.**, **Petculescu, A.**, **Constantin, S.** - Palaeoichnology of an MIS 3 cave bear settlement–Urșilor Cave (Western Carpathians, Romania). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **493: 126-135**. **IF= 2.375**
34. **Sarbu, S.M.**, J.W. Aerts, J-F. Flot, R.J.M. Van Spanning, C. Baciuc, A. Ionescu, B.M. Kis, R. Incze, S. Siko-Barabasi, Z. Para, B. Hegyeli, N.V. Atudorei, C. Barr, K.H. Nealson, F.L. Forray, **C. Lascu,**



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36. Staubwasser M., **Dragusin V.**, **Onac B.P.**, Assanov S., Ersek V., Hoffmann D.L., **Veres D.**- Impact of climate change on the transition of Neanderthals to modern humans in Europe. *Proceedings of the National Academy of Sciences of the United States of America* **115 (37)**:9116-9121. **IF= 9.661**
37. **Tudorache, A.**, **Marin, C.**, Ioniță, D.E., Badea, I.A.- Assessing barium and strontium concentrations and speciation in groundwater from the area of the future weak – and – medium radioactive waste repository Saligny – Romania. *Carpathian Journal of Earth and Environmental Sciences*, **13(1)**:p. 57 – 66; **IF=0.671**
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ACADEMIA ROMÂNĂ

Institutul de Speologie EMIL RACOVIȚĂ

Calea 13 Septembrie Nr. 13, sector 5

tel/fax: 021 - 318.81.32

e-mail: iser\_b@yahoo.com



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