**Articles**

1. Hillebrand-Voiculescu A#, Rusu A#, Itcus C, Persoiu A, Brad T, Pascu D, Ardelean I, Onac BP, Purcarea C. (2013) *Bacterial 16S-rRNA gene clone library from recent ice stalagmites of Scăriṣoara cave.* **Rom. J. Biochem**. 50(2):109-118 (B+)
2. Hillebrand-Voiculescu A#, Itcus C#, Ardelean I, Rusu A, Persoiu A, Brad T, Popa E, Onac BP, Purcarea C. (2014) *Searching for cold-adapted microorganisms in the underground glacier of Scarisoara Ice Cave, Romania.* **Acta Carsologica**, 43/2-3: 319-329 doi: [http://dx.doi.org/10.3986/ ac.v43i2-3.604](http://dx.doi.org/10.3986/%20ac.v43i2-3.604) (IF = 0.542)
3. Brad T., Fekete A., Sandor M.S., Purcarea C. (2014) *Natural attenuation potential of selected karst systems in Carpathian Mountains (Romania).* **Water Sci Technol***,* 15: 196-206*.* doi: 10.2166/ws.2014.092, (IF = 1.212)
4. Iancu L., Sahlean T., Purcarea C. (2015) *Dynamics of Necrophagous Insect and Tissue Bacteria for Postmortem Interval Estimation During the Warm Season in Romania*. **J Med Entomo**l, doi: 10.1093/jme/tjv156 (IF = 1.953)
5. Iancu L, Carter DO, Junkins EN,Purcarea C. (2015) *Using Bacterial and Necrophagous Insect Dynamics for Post-Mortem Interval Estimation during Cold Season: Novel Case Study in Romania***. Forensic Sci Int**.254:106-117**.** [doi:10.1016/j.forsciint.2015.07.024](http://dx.doi.org/10.1016/j.forsciint.2015.07.024) (IF = 2.140)
6. Itcus C, Pascu D, Brad T, Persoiu A, Purcarea C. (2016) *Diversity of cultured bacteria from the perennial ice block of Scarisoara Ice Cave, Romania.* **Int J Speleol,**  *45:89-100* (IF = 1.656)
7. Zoltán Kern Z, Kele S, Perşoiu A, Fórizs I, Bernasconi SM. Clumped isotope geochemistry of fine-grained 2 cryogenic cave carbonates (Scărişoara ice cave, Romania). **Acta Carsologica**, *submitted*

**Articles in preparation**

1. Itcus C, Pascu D, Brad T, Hillebrand-Voiculescu A, Persoiu A, Purcarea C. Prokaryotic community structure of Scarisoara Cave ice block by 454 pyrosequencing of 16S RNA gene. *To be submitted to* **PLOS One**. (IF = 3. 730)
2. Pascu D, Itcus C, Ardelean I, Carnu M, Hillebrand-Voiculescu A, Persoiu A, Brad T, Purcarea C. Diversity of cultured and uncultured phototrophs in ice deposits from Scarisoara Cave. *To be submitted to* **International Journal of Speleology**(IF = 1.656)
3. Brad T#, Itcus C#, Pascu D, Hillebrand-Voiculescu A, Persoiu A, Purcarea C. Brief communication: Fungi in perennial ice from Scarisoara Ice Cave (NW Romania). *To be submitted to* **Cryosphere** (IF = 5.516)
4. Persoiu A, Piotrovska N. Precipitation source modulates the rate of cave glaciers growth, *To be submitted to* **Cryosphere** (IF = 5.516)

**Gene sequences in GenBank**

* Bacterial 16S rRNA gene fragments from DGGE analysis of cultivated strains from Scarisoara Ice cave (Accession numbers KF85203-KF853221, KJ454416-KJ454425, and KP219085-KP219133)
* Bacterial and Archaeal 16S rRNA gene fragments from 454 pyrosequencing of ice microbial communities from Scarisoara Ice cave (BioSample accession numbers SAMN03140079 (sample 1-S), SAMN03140080 (sample 1-L), SAMN03140081 (sample 400-O), SAMN03140082 (sample 900-O), and SAMN03140083 (sample 900-I))