**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**, *in press* (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***,* doi: 10.2166/ws.2014.092 (IF = 1.212)
4. Iancu L, Carter DO, Junkins EN,Purcarea C(2014) Using Bacterial and Necrophagous Insect Dynamics for Post-Mortem Interval Estimation during Cold Season: Novel Case Study in Romania**. Forensic Sci Int**.*Accepted***.** (IF = 2.115)

**Articles submitted**

1. Itcus C, Pascu D, Hillebrand-Voiculescu A, Brad T, Persoiu A, Onac BP, Purcarea C. *Chronological distribution of cultured and uncultured bacteria in perennial cave ice.* *Submitted to* **FEMS Microbiol. Ecol**. (IF = 3.563)

**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 = 1.344)
3. Itcus C, Brad T, Pascu D, Hillebrand-Voiculescu A, Persoiu A, Purcarea C. DGGE analysis of ice-contained fungal community from Scarisoara Cave ice block. *To be submitted to* **Journal of Microbiology** (IF = 1.529)