

Les publications 2020 de la ZATU

- Beauger A., O. Voltaire, W. Carlos, E. Allain, F. Millan, V. Breton, S. Kolovi, L. Ector (2020) Biodiversity and ecology of diatoms in mineral springs of the area of Sainte Marguerite (Saint-Maurice-ès-Allier, Massif central, France). *BIOM*, 1(1), 21-34. DOI : 10.18145/biom.v1i1.250
- Martin A., Y. Hassan-Loni, A. Fichtner O. Peron, K. David, P. Chardon, S. Larrue, A. Gourgiotis, S. Sachs, T. Arnold, B. Grambow, T. Stumpf, G. Montavon (2020) An integrated approach combining soil profile, records and tree ring analysis to identify the origin of environmental contamination in a former uranium mine (Rophin, France). *Science of the Total Environment*, 747, 141295. DOI : 10.1016/j.scitotenv.2020.141295
- Millan F., C. Izere, V. Breton, O. Voltaire, DG Biron, CE Wetzler, D Miallier, E. Allain, L. Ector, A. Beauger (2020) The effect of natural radioactivity on diatom communities in mineral springs. *Botany Letters*, 1, 95-113. DOI: 10.1080/23818107.2019.1691051
- Saclier N., P. Chardon, F. Malard, L. Konecny-Dupré, D. Eme, A. Bellec, V. Breton, L. Duret, T. Lefebure, J. Christophe, J. Douady (2020) Bedrock radioactivity influences the rate and spectrum of mutation. *eLife*, 9, e56830. DOI: 10.7554/eLife.56830
- Saulnier A., J. Bleu, A. Boos, I. El Masoudi, P. Ronot, S. Zahn, M. Del Nero, S. Massemin (2020) Consequences of trace metal cocktail exposure in zebra finch (*Taeniopygia guttata*) and effect of calcium supplementation. *Ecotoxicology and Environmental Safety*, 193, 110357. DOI:10.1016/j.ecoenv.2020.110357
- Schmitt N., Colas S., Saurel N., Bassignot F., Vuillemin B., Groetz J.E. (2020) Detector-electrode for alpha spectrometry in water sample, numerical and early feasibility investigation toward thermocompression bonding assembly process. *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, 953, 163270. DOI : 10.1016/j.nima.2019.163270