

Les publications 2018 de la ZATU

- Lampe N., Karamitros M., Breton V., Brown J. M. C., Sakata D., Sarramia D., Incerti S., (2018) Mechanistic DNA damage simulations in Geant4-DNA Part 1: A parameter study in a simplified geometry, *Physica Medica* 48, 135-145. DOI: 10.1016/j.ejmp.2018.02.011
- Lampe N., Karamitros M., Breton V., Brown J. M. C., Sakata D., Sarramia D., Incerti S. (2018) Mechanistic DNA damage simulations in Geant4-DNA Part 2: Electron and proton damage in a bacterial cell, *Physica Medica*, 48, 146-155. DOI: 10.1016/j.ejmp.2017.12.008
- Walaszek M., Del Nero M., Bois P., Ribstein L., Courson O., Wanko A., Laurent J. (2018) Sorption behavior of copper, lead and zinc by a constructed wetland treating urban stormwater. *Applied Geochemistry*, 97, 167-180. DOI: 10.1016/j.apgeochem.2018.08.019
- Beauger A., Wetzel C.E., Voldoire O., Garreau A., Ector L. (2018) Morphology and ecology of *Craticula lecohui* sp. nov. (Bacillariophyceae) from hydrothermal springs (Puy-de-Dôme, Massif Central, France) and comparison with similar *Craticula* species. *Nova Hedwigia, Beihefte*, 146, 7 – 22. DOI: 10.1127/1438-9134/2017/007
- Tournassat C., Tinnacher R.M., Grangeon S., Davis, J.A. (2018) Modeling uranium(VI) adsorption onto montmorillonite under varying carbonate concentrations: A surface complexation model accounting for the spillover effect on surface potential. *Geochimica et Cosmochimica Acta* 220, 291-308. DOI: 10.1016/j.gca.2017.09.049
- Zhang C., Liu X., Tinnacher R.M., Tournassat, C. (2018) Mechanistic understanding of uranyl ion complexation on montmorillonite edges: a combined first-principles molecular dynamics–surface complexation modeling approach. *Environmental Science & Technology* 52, 8501-8509. DOI: <https://doi.org/10.1021/acs.est.8b02504>
- Rossi F., Pesce S., Mallet C., Margoum C., Chaumot A., Masson M., Artigas J., (2018) Interactive effects of pesticides and nutrients on microbial communities responsible of litter decomposition in streams. *Front Microbiol.* 9,2437. DOI: 10.3389/fmicb.2018.02437
- Ali Y., Montavon G., Alliot C., Mokili M. (2018) Is Po-210 a good indicator for anthropogenic radioactivity? *Cancer Biotherapy and Radiopharmaceuticals* 33, 356-360. DOI: 10.1089/cbr.2018.2496