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Nb, Ta, Ga, In, Te

Recently published work

M. Biver and M. Filella, Bulk dissolution rates of cadmium and bismuth tellurides as a function of pH, temperature and dissolved oxygen. ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 50, 4675-4681 (2016).

M. Biver, F. Quentel and M. Filella, Direct determination of tellurium and its redox speciation at the low nanogram level in natural waters by cathodic stripping voltammetry. TALANTA, 144, 1007–1013 (2015).

M. Filella, D.-J. Magnenat and M. Bensimon, Direct determination of niobium at the low nanogram level in mineral waters and freshwaters. ANALYTICAL METHODS, 6, 8090-8093 (2014).

Work in progress

- Thermodynamic consistent database Ta, Ga, In, Te, Y, Gd
- Humic binding database Ta, Ga, In, Te, Y, Gd
- Analytical method development for Te
- Analytical method development for Nb
- BUKI on Ta
- Temporal trends in freshwaters for Nb, Ga, In, Ge, Te