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REE, Ge

Recently published work

SAATZ J., STRYHANYUK H., VETTERLEIN D., MUSAT N., OTTO M., REEMTSMA T., RICHNOW H.H., **DAUS B.** (2016): Location and Speciation of Gadolinium and Yttrium in Roots of Zea mays by LA-ICP-MS and ToF-SIMS.- Environmental Pollution, submitted

KLINK C., EISEN S., DAUS B. , HEIM J. , SCHLÖMANN M., SCHOPF S. (2016): Investigation of bioleaching of fine-grained residues of copper smelting, Journal of Applied Microbiology, online first

MITTERMÜLLER M., SAATZ J., **DAUS B.** (2016): A sequential extraction procedure to evaluate the mobilisation behaviour of rare earth elements in soils and tailings materials. Chemosphere, 147, 155-162.

SAATZ J., VETTERLEIN D., MATTUSCH J., OTTO M., **DAUS B.** (2015): The Influence of Gadolinium and Yttrium on Biomass Production and Nutrient Balance of Maize Plants, Environ. Poll. 204, 32-38

Work in progress

- Development of a method for Ge speciation (HPLC-ICP-MS, methylated and inorganic species)
- Investigation of toxicity of rare earth elements (algae tests, internal dose)