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## PGEs (REEs in progress)

### Recently published work

Almécija, C., **Cobelo-García, A.**, Santos-Echeandía, J. Improvement of the ultra-trace voltammetric determination of Rh in environmental samples using signal transformation (2016) *Talanta*, 146, pp. 737-743

Almécija, C., Sharma, M., **Cobelo-García, A.**, Santos-Echeandía, J., Caetano, M. Osmium and platinum decoupling in the environment: Evidences in intertidal sediments (Tagus Estuary, SW Europe) (2015) *Environmental Science and Technology*, 49 (11), pp. 6545-6553.

Neira, P., **Cobelo-García, A.**, Besada, V., Santos-Echeandía, J., Bellas, J. Evidence of increased anthropogenic emissions of platinum: Time-series analysis of mussels (1991-2011) of an urban beach (2015) *Science of the Total Environment*, 514, pp. 366-370.

**Cobelo-García, A.**, López-Sánchez, D.E., Schäfer, J., Petit, J.C.J., Blanc, G., Turner, A. Behavior and fluxes of Pt in the macrotidal Gironde Estuary (SW France) (2014) *Marine Chemistry*, 167, pp. 93-101.

**Cobelo-García, A.**, Santos-Echeandía, J., López-Sánchez, D.E., Almécija, C., Omanović, D. Improving the voltammetric quantification of ill-defined peaks using second derivative signal transformation: Example of the determination of platinum in water and sediments (2014) *Analytical Chemistry*, 86 (5), pp. 2308-2313

### Work in progress

- Historical trends of REEs inputs in urban coastal waters by means of archives of mussels (*Mytilus galloprovincialis*) samples (1991-2015)
- Determination of Pt enrichment in the surface microlayer from Polish lakes
- Study of the biogeochemical cycles of Pt and REEs in waters of the Gulf of Cádiz (SW Spain)