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## Lu, Y, Tl, Eu, Gd, etc.

### Recently published work

Đorđe Ž. Petrović, Tatjana M. Trtić-Petrović, Goran T. Vladislavljević, Milovan M. Stoilković, Latinka J. Slavković-Beškoski, Ksenija R. Kumrić, Novel  $^{90}\text{Sr}$ – $^{90}\text{Y}$  generator system based on a pertraction through supported liquid membrane in hollow fiber contactor, *Chemical engineering research and design*, **97** (2015) 57–67

Ksenija R. Kumrić, Goran T. Vladislavljević, Tatjana M. Trtić-Petrović, Membrane-assisted liquid phase extraction of Lu(III) in U shaped contactor with a single hollow fibre membrane, *Industrial & Engineering Chemistry Research*, **51** (2012) 14199-14208.

Tatjana M. Trtić-Petrović, Ksenija R. Kumrić, Jelena S. Đorđević, Goran T. Vladislavljević, Extraction of lutetium(III) from aqueous solutions by employing a single fibre-supported liquid membrane, *Journal of Separation Science*, **33** (2010) 2002-2009.

### Work in progress

- Sampling of Danube river sediments which will be analysed by the Instrumental Neutron Activation Analysis (NAA) at Frank Laboratory of Neutron Physics of the Joint Institute of Nuclear Research, Dubna, Russia, at the pulsed reactor IBR 2 using epithermal neutrons. Almost all TCE could be determined applying NAA.
- Investigation of extraction of TCE with ionic liquids and supported membrane based extraction as the sample preparation step.