

RadChem 2014

Monday, May 12, 2014

Poster Session - Separation Methods, Speciation - Gallery (5:15 PM - 6:45 PM)

| [id] title | presenter | board |
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| [349] Analysis of the factors that may lead to misinterpretation of U(VI) complexes time-resolved laser-induced fluorescence spectroscopy data | Dr SHIRSHIN, Evgeny Dr PETROV, Vladimir | |
| [299] Technetium and Rhenium sulfide nanodispersion size speciation by SAXS, nanosizer and ultramicrocentrifugation. | Mr SAFONOV, Alexey Dr GERMAN, Konstantin | |
| [198] Solvent extraction of plutonium from environmental samples | Dr TOKÁROVÁ, Alena | |
| [190] A Study on Arsenic Speciation in Korean marine samples using Ion Chromatography-Inductively Coupled Plasma Mass Spectrometry | Dr JOUNG HAE, Lee | |
| [273] A use of iron(III) hydroxo complexes for removal of radionuclides from solution in the presence of complexing anions | Ms TORAPAVA, Valiantsina | |
| [443] Characterization of a TBP Resin and development of methods for the separation of actinides and the purification of Sn | Dr HAPPEL, Steffen | |
| [101] Analytical procedure for the determination of non-gamma-emitting radionuclides in radioactive waste | Mrs DRÁBOVÁ, Veronika | |
| [432] Nanodiamonds as a prospective sorbent for radionuclides | Ms BUCHATSKAYA, Yulia | |
| [334] Liquid-liquid extraction of technetium(VII) with TODGA | Ms REJNIS, Magdalena | |
| [333] Combined, sequential procedure for radiochemical analyses of ⁶³ Ni, ⁹⁹ Tc, Pu, Th, Am, U and ⁹⁰ Sr in environmental samples | Prof. MIETELSKI, Jerzy-Wojciech | |
| [332] Iodine Adsorption on Modified Nickel Oxide | Dr SZATMÁRY, Lórant | |
| [377] Polyacrylonitrile based composite materials with extraction agents containing chemically bonded CMPO groups for separation of actinoids | Dr KAMENÍK, Jan | |
| [149] Effect of environmental conditions on the sorption behavior of radiocobalt(II) onto permutite studied by batch experiments | Mr ZHAO, Xianghai | |
| [130] Methods for dissolution of [²²⁶ Ra]BaSO ₄ | Dr KOZEMPEL, Jan | |
| [404] Separation of Curium from Americium Using Composite Sorbents and Complexing Agent Solutions | ŠŤASTNÁ, Kamila | |
| [170] Sorption of U(VI) by Submicron ZnS Particles from Aqueous Solution. | Ms RUBAILO, Anna | |
| [186] "Separation of Tc radioisotopes from proton irradiated Ru targets by thermochromatography –preliminary results" | Mr WAŚ, Bogdan Dr MISIAK, Ryszard | |
| [17] Liquid Radioactive Wastes Treatment With Further Immobilization of Radionuclides into Mineral-Similar Sorbents | Dr VORONINA, Anna | |
| [203] Long term immobilization of Cs-137 by transformation of titanium ferrocyanide to lithium titanate | Prof. BILEWICZ, Aleksander | |
| [125] Preparation and Characterization of Adsorbent Based on Carbon for Per technetate Adsorption. | Prof. RAJEC, Pavol | |
| [415] Effect of mobile phase salinity on the Ac-227/Ra-223 generator. | Dr KOZEMPEL, Jan Ms KOMÁNKOVÁ, Lucie | |

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| [417] Kinetic and Thermodynamic Modeling Approaches of Selenium by Man-Made and Natural Geological Barriers for Nuclear Waste Management | Ms ILERI, Ruveyda Kubra | |
| [410] Investigation of uranium sorption on materials prepared from tetra-n-butylorthotitanate using LSC and TRLFS | Mr RAINDL, Jakub | |
| [368] Rapid radiochemical analysis using membrane-adsorption method | Prof. EPIMAKHOV, Vitaly | |
| [369] Automated plant for removing radionuclides from liquid radioactive waste by reverse osmosis | Prof. EPIMAKHOV, Vitaly | |
| [362] Adsorption of selected fission products on titanate nanotubes | Dr KRAJEWSKI, Seweryn | |
| [382] Study of europium and americium uptake on solid extractant with CMPO and polyacrylonitrile from diluted nitric acid solutions | Dr KAMENÍK, Jan | |
| [351] The Formation of Structure in the Extraction at Vibration in an Interfacial Layer | Prof. KIZIM, Nikolay | |
| [218] Rapid determination of radiostrontium in milk using automated radionuclides separator and liquid scintillation counter | Dr KIM, Hyuncheol Dr LIM, Jong Myoung Dr CHUNG, Kun Ho | |
| [284] Addition of aluminum salts to water for reducing Co-60 in activated corrosion product deposits on primary system surfaces of nuclear reactor plants. | Mr EPIMAKHOV, Timofey | |
| [54] Extraction and separation of cesium and strontium by crown ethers in organic solvents | Ms TSARENKO, Nadezhda | |
| [301] Effect of Thermal Treatment on Chemical Stability of Resorcinol-Formaldehyde Resins and Their Cs-137 Uptake Properties | Dr MARININ, Dmitry | |
| [157] Thermodynamics and separation factor of uranium from lanthanum on gallium-indium eutectic alloy | Prof. NOVOSELOVA, Alena Prof. SMOLENSKI, Valeri Ms LUK'YANOVA, Yana | |
| [426] Study of the DTPA and Malonic Acid solution for the selective Am stripping in the CEA EXAm process | Mrs SPENDLIKOVA, Irena Mr DISTLER, Petr | |
| [229] Separation and preconcentration of trace amounts of Sr-90 and Tc-99 from primary coolant water using commercially available sorbents and ion-exchangers. | Mrs PYSZYNSKA, Marta | |
| [151] A rapid separation method for Pu and Sr-90 in seawater samples for emergency preparedness | Dr CHUNG, Geun Ho Dr KIM, Hyuncheol | |
| [44] The System CA® (analytical Kit “Анфеж®”) for determination of low levels of radiocesium contamination in liquid media. | Dr VICTOR, Remez | |
| [43] Innovation in metrology: fast automated radiochemical separation for strontium 89 and 90 | AUGERAY, Céline | |