

ISSN 1066-3622
CODEN: RDIOEO

RADIOCHEMISTRY

Editor-in-Chief
Boris F. Myasoedov

Pleiades
Publishing Group
Over **50** years
in the service of
science and education

<https://pleiades.online>
<https://link.springer.com>



PLEIADES GROUP OF COMPANIES

Distributed by **SPRINGER NATURE**



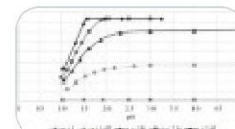
Volume 67, Issue 2

April 2025



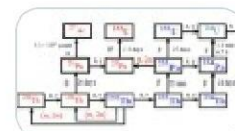
16 articles in this issue

Behavior of Uranium, Thorium, and REEs in Oxalate and Oxalate-Formate Media



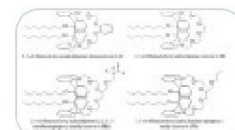
OriginalPaper | 29 May 2025 | Pages: 111 - 118

Recovery of Protactinium from Irradiated Thorium Nitrate by Solvent Extraction



OriginalPaper | 29 May 2025 | Pages: 119 - 125

Cesium-137 Extraction from Nitric Acid Media with Calix[4]arene-crown-6 Ether Solutions in Bis(tetrafluoropropyl) Carbonate



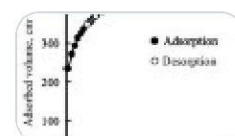
OriginalPaper | 29 May 2025 | Pages: 126 - 141

Kinetics of ⁹⁰Sr Sorption from Aqueous Solutions by Termoxid-3K Carbonate-Containing Zirconium Hydroxide Sorbent



OriginalPaper | 29 May 2025 | Pages: 142 - 150

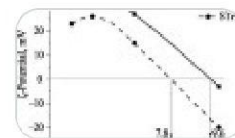
Mutual Influence of Strontium and Yttrium Cations and Surfactants during Competitive Adsorption on Activated Carbon Using the Method of Radioactive Tracers



OriginalPaper | 29 May 2025 | Pages: 151 - 157

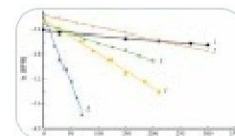
Sorption of Americium from Aqueous Solutions of Various Compositions onto Detonation Synthesis Nanodiamonds

OriginalPaper | Open access | 29 May 2025 | Pages: 158 - 165



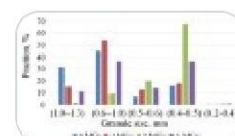
1,2-Diformylhydrazine Oxidation with Nitric Acid

OriginalPaper | 29 May 2025 | Pages: 166 - 172



Radiation Resistance of AM-4VP Anion-Exchange Resin in the Course of Recovering Actinides from Nitric Acid Solutions

OriginalPaper | 29 May 2025 | Pages: 173 - 181



Determination of the Explosion and Fire Safety Parameters of BC-1 and BC-2 Diluents and of Extraction Mixtures Based on Them

OriginalPaper | 29 May 2025 | Pages: 182 - 189



Characterization of Particles Formed during Laser Cutting of Simulated Fuel-Containing Materials from the Fukushima Daiichi NPP and of SNF Samples

OriginalPaper | 29 May 2025 | Pages: 190 - 200



Use of Thermoanalytical Methods for Studying the Thermal Characteristics of Vitrified Radioactive Waste Forms

OriginalPaper | 29 May 2025 | Pages: 201 - 206



Cesium-137 Runoff from Lake Saimaa to Vuoksa River and Lake Ladoqa

Analysis of the Results of Interlaboratory Comparative Tests on Measurement Quality Control within the Framework of Radioecological Monitoring of Soils

Figure 1 is a dot plot showing the number of loci with significant differences in allelic frequency between the two groups. The y-axis is labeled 'Number of loci with significant differences in allelic frequency' and ranges from 0 to 17. The x-axis is labeled 'Number of loci' and ranges from 0 to 20. The plot shows a distribution of loci with significant differences, with a peak at 10 loci.

Method	A	C	G	T
Auto	~800	~600	~500	~400
Lca	~400	~300	~200	~100
Cio	~300	~200	~100	~50
Pti	~200	~100	~50	~20
Std	~100	~50	~20	~10
Sato	~50	~20	~10	~5
Eia	~20	~10	~5	~2
Gai	~10	~5	~2	~1
Y	~5	~2	~1	~0.5
Zli	~0.5	~0.2	~0.1	~0.05
Bolo	~0.2	~0.1	~0.05	~0.02
Hla	~0.1	~0.05	~0.02	~0.01

Erratum | 29 May 2025 | Pages: 234 - 236