

Application of radiochemical techniques to the environmental technology

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ABSTRACT:

The application of complementary radiochemical techniques as alpha-and gamma-ray spectroscopy is reported. Several materials (natural and synthetic zeolites, clay minerals, organic resins, inorganic ion exchangers and nanomaterials) were investigated and tested as sorbents in the environmental remediation for removal of radionuclides (uranium, thorium, europium, cesium etc.).