Special Issue

Nuclear Waste Forms: State-of-the-Art and Perspectives

Message from the Guest Editors

The Special Issue on “Nuclear Waste Forms: State of the Art and Perspectives” will give an overview on the design, performance, and properties of various nuclear waste forms for high-level radioactive waste (HLW). It will therefore provide in-depth information on a wide range of different radioactive waste forms, from spent nuclear fuel itself and simulated nuclear fuels, crystalline (ceramics), and non-crystalline waste forms (e.g., borosilicate glass) to specific waste forms that have been developed for the incorporation of special wastes. This Special Issue welcomes contributions from all researchers working on all forms of nuclear waste forms, as well as on their characterization, properties, and applications. Experimental and theoretical considerations as well as modeling work are desired. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are welcome. and

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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