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Microstructural Analysis of Nuclear Grade Graphite Materials; A Model for Simulation of Coupled Microstructural and Compositional Evolution; Characterisation of Corrosion of Nuclear Metal Wastes Encapsulated in Magnesium Silicate Hydrate (MSH) Cement; Impact of Uranium and Thorium on High TiO₂ Concentration Nuclear Waste Glasses; Author Index

Sommario/riassunto

Dedicated to the innovative design and use of ceramic materials for energy applications, this issue brings readers up to date with some of the most important research discoveries and new and emerging applications in the field. Contributions come from the proceedings of three symposia, as well as the European Union-USA Engineering Ceramics Summit. The three symposia are: Ceramics for Electric Energy Generation, Storage, and Distribution; Advanced Ceramics and Composites for Nuclear and Fusion Applications; and Advanced Materials and Technologies for Rechargeable Batteries. An abundance of ch
