1. Record Nr. UNINA9910140751403321

Titolo	Advances in materials science for environmental and nuclear technology [[electronic resource] /] / edited by Kevin Fox ... [et al.]
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, 2010
ISBN	0-470-93099-3 1-282-84920-4 9786612849206 0-470-93097-7
Descrizione fisica	1 online resource (314 p.)
Collana	Ceramic transactions ; ; v. 222
Altri autori (Persone)	FoxKevin
Disciplina	620.11
Soggetti	Materials - Environmental aspects Nuclear engineering - Materials Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Advances in Materials Science for Environmental and Nuclear Technology; Contents; Preface; MATERIALS SOLUTIONS FOR THE NUCLEAR RENAISSANCE; Irradiation Effects in Ceramics for Plutonium Disposition; Synthesis and Structures of Gd2 (Zr2-xCex)O7: A Model Ceramic System for Plutonium Disposition; Waste Form Development for SRS MOX Plant Effluent; Flammable Gasses in the Saltstone Process Flowsheet; Development of Crystal-Tolerant Waste Glasses; Phase Stability of Defense Waste Processing Facility (DWPF) Type High Level Nuclear Waste Glasses Alkali/Akaline-Earth Content Effects on Properties of High-Alumina Nuclear Waste GlassesNepheline Crystallization in Nuclear Waste Glasses; Cold Crucible Vitrification of SRS SB4 HLW Surrogate at High Waste Loadings; An Extraction of Platinum Group Metals and Molybdenum from Molten Borosilicate Glass Using Cu and Cu5Si; Microstructure of Laser-Melted Zirconium Carbide Ceramics; On the Mechanism of Radiation Damage in Zircon by High-Energy Electrons; Anelasticity in Austenitic Steels; Molten Salts for Nuclear Cogeneration; GREEN ENGINEERING AND ENVIRONMENTAL STEWARDSHIP

Development of Low-Cost Functional Geopolymeric MaterialsGreen Technology for Extraction of Iron from Ores and Other Materials; Nanotechnology for Uranium Separations and Immobilization; How the Classic Materials Science Stool is being Changed by the Sustainability Stool; Impact of Materials Selection on the Sustainability of Wind Energy; Precipitation Behavior of Chromium in Chromium(III)-Bearing Slag; Improved Energy Efficiency and Environmental Benefits for Calcium Treatment in Steel; NANOTECHNOLOGY FOR ENERGY; Optical Characterization of Chemically Deposited SbCuS Thin Films Examining Defects in Solid Core 2-D Photonic Band-Gap Fibers with High Index InclusionsNanophased Materials in Supercritical CO2: Ceramic Nanopowder Synthesis, Encapsulation and Deposition; Influence of Gas Flow Rate on the Formation of ZnO Nanorods and Their Effects on Photoelectrochemical Response; Nanocoating Enhanced Optical Fiber Sensors; Surface Plasmon Resonant Enhanced Optical Transmission through ZnO/Ag/ZnO Multilayered Films; Controlled Shape Synthesis of BaTiO3-(Mn0.5Zn0.5)Fe2O4 Nanocomposites; Author Index

Sommario/riassunto

The Materials Science and Technology 2009 Conference and Exhibition (MS&T'09) was held October 25-29, 2009, in Pittsburgh, Pennsylvania. A major theme of the conference was Environmental and Energy Issues. Papers from three of the symposia held under that theme are included in this volume. These symposia include Materials Solutions for the Nuclear Renaissance; Green Engineering and Environmental Stewardship; and Nanotechnology for Energy. These symposia included a variety of presentations with sessions focused on sustainable energy, photovoltaics, nanowires and composites, energy harvesting

2. Record Nr. UNIORUON00046419

Autore	FAZA'ELI, Habibollah
Titolo	Ta'lim-e xat / ta'lif Habibollah Faza'eli
Pubbl/distr/stampa	Tehran, : Sorus, 1983
Descrizione fisica	511 p. : ill. ; 27 c
Classificazione	IRA IX JA
Soggetti	CALLIGRAFIA PERSIANA
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Altro front. : Ta'lim-e khatt : Persian calligraphy: a manual of instruction / by Habib-ollah Faza'eli