

1. Record Nr.	UNINA9910715283703321
Autore	Ryan Jeffrey V.
Titolo	Characterization of emissions from the simulated open burning of scrap tires / / prepared by Jeffrey V. Ryan
Pubbl/distr/stampa	Research Triangle Park, NC : , : Air and Energy Engineering Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, , October 1989
Descrizione fisica	1 online resource (vi, 61 pages) : illustrations
Collana	[Research reporting series. 2, Environmental protection technology]
Altri autori (Persone)	LemieuxPaul M (Paul Michael)
Soggetti	Tire industry - Waste disposal - United States Waste tires - Environmental aspects - United States Incineration - Research Incinerators - Environmental aspects Air - Pollution - United States - Measurement Volatile organic compounds - United States - Measurement
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"EPA-600/2-89-054." "October 1989." "EPA project officer: Paul M. Lemieux." "Prepared for the U.S. Environmental Protection Agency (EPA) by Acurex Corporation Environmental Systems Division"--Page vi.
Nota di bibliografia	Includes bibliographical references (pages 57-58).

2. Record Nr.	UNINA9910787246703321
Titolo	13th International Ceramics Congress : proceedings of the 13th International Ceramics Congress, part of CIMTEC 2014-13th International Ceramics Congress and 6th Forum on New Materials, June 8-13, 2014, Montecatini Terme, Italy. Part F // edited by Pietro Vincenzini, World Academy of Ceramics and National Research Council, Italy ; co-edited by Kenneth J.D. MacKenzie, Victoria University of Wellington, New Zealand, Michele Dondi, CNR-ISTEC, Italy, James P. Bennett, NETL-USDOE, USA
Pubbl/distr/stampa	Faenza, Italy : , : TTP, , [2014] ©2014
ISBN	3-03826-688-4
Descrizione fisica	1 online resource (333 p.)
Collana	Advances in science and technology, , 1662-8969 ; ; volume 92
Disciplina	620.14
Soggetti	Ceramics Ceramic materials Ceramic engineering
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	13th International Ceramics Congress - Part F; Preface; Table of Contents; Chapter 1: Geopolymers and Geocements; Fabrication and Characterization of Geopolymers from Japanese Volcanic Ashes; Addition of Ammonium Molybdate in Geopolymer Formulation; Alkali-Activated Fly Ash Foams - Synthesis, Chemo-Physical Properties and Microstructure Modeling; Effect of the Reactivity of the Alkaline Solution and the Metakaolin on the Geopolymer Formation; Ceramic Waste as New Precursors for Geopolymerization; Synthesis of Inorganic Polymers Using a CaO-Al ₂ O ₃ -FeO-SiO ₂ Slag Studies of Natural and Accelerated Carbonation in Metakaolin-Based Geopolymer A Taguchi Approach for the Synthesis Optimization of Metakaolin Based Geopolymers; Mechanical Performances and Corrosion Resistance of Reinforced Fly Ash Geopolymer Mortars; The Influence of Short Fibres and Foaming Agents on the Physical and Thermal Behaviour of Geopolymer Composites; Different Treatment

Application of Illite Clay for Low Temperature Ceramics; btaining of
 Lightweight Geopolymer Using Ash from Thermal Power Plants;
 Application of Fly Ash-Based Geopolymer for Structural Member and
 Repair Materials
 Durability of Fly Ash Geopolymer Mortars in Corrosive Environments,
 Compared to that of Cement MortarsChapter 2: Science and Technology
 for Silicate Ceramics; Chapter 2-A - Functionalized Surfaces;
 Antibacterial and Self-Cleaning Coatings for Silicate Ceramics: A
 Review; Nanocomposite Photocatalyst Based on Layered Double
 Hydroxides (LDHs) Associated with TiO₂; Solar Reflectance of Glazed
 Tiles; Chapter 2-B - Manufacturing; Development of a Semi-Wet
 Process for Ceramic Floor Tile Granule Production; Determination of
 Dry Grinding Properties of Floor Tile Wastes
 Effect of Alternative Materials Added to the Plaster
 CompositionPreparation of Exfoliated Melamine Modified
 Mica/Polyamide-6 Nanocomposite and its Properties; Chapter 2-C -
 New Products and Challenges; Towards Rational Design of Porcelain
 Tile Glazes; New Ceramic Pigments for the Coloration of Ceramic
 Glazes; Design of a Cool Color Glaze for a Solar Reflective Tile; Study of
 the Variables that Lead to Hue Variations on Tiles Decoration Based on
 Silicon Cylinder Technique Laser Engraving Method; Vitrification and
 Sinter-Crystallization of Iron-Rich Industrial Wastes
 Development of the Alternative Whitening System for Zirconium Silicate
 Substitution in Porcelain Tile BodiesThe Effect of Lithium Alumina Silicate
 Phases on Elastic Modulus of Porcelain Tiles; Chapter 2-D -
 Characterization Studies; Characterization of Silicate Ceramics Using
 Ultrasonics Test Method; Microstructure of Ceramic Brick Contaminated
 by Magnesium Sulphate; Composition and Ceramic Characteristics of
 Cretaceous Clays from Morocco; Study of Processing Techniques for
 Nepheline Syenitic Raw Material Exploitation; Chapter 3: Ceramic
 Refractories
 Creep Testing of Refractories at Service Related Load Levels and
 Application for Material Simulation

Sommario/riassunto

Collection of selected, peer reviewed papers from the 13 th
 International Ceramics Congress, part of CIMTEC 2014-13 th
 International Ceramics Congress and 6 th Forum on New Materials, June
 8-13, 2014, Montecatini Terme, Italy. The 45 papers are grouped as
 follows: Chapter 1: Geopolymers and Geocements, Chapter 2: Science
 and Technology for Silicate Ceramics, Chapter 2-A - Functionalized
 Surfaces, Chapter 2-B - Manufacturing, Chapter 2-C - New Products
 and Challenges, Chapter 2-D - Characterization Studies, Chapter 3:
 Ceramic Refractories.