Record Nr. UNINA9910459910103321 13th International Ceramics Congress: proceedings of the 13th **Titolo** International Ceramics Congress, part of CIMTEC 2014-13th International Ceramics Congress and 6th Forum on New Materials, June 8-13, Montecatini Terme, Italy. Part E / / edited by Pietro Vincenzini, World Academy of Ceramics and National Research Council, Italy; coedited by Sanjay Mathur, University of Cologne, Germany, Paolo Colombo, University of Padova, Italy, Christopher C. Berndt, Swinburne University of Technology, Australia Faenza, Italy:,: TTP,, [2014] Pubbl/distr/stampa ©2014 **ISBN** 3-03826-687-6 Descrizione fisica 1 online resource (158 p.) Advances in science and technology, , 1662-8969; ; volume 91 Collana Disciplina 620.14 Soggetti Ceramics Ceramic materials Ceramic engineering 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 13th International Ceramics Congress - Part E; Preface; Table of Contents; Chapter 1: Nanomaterials for Energy and Sustainability; Self-Propagation Low Temperature Flameless Combustion Synthesis of Ni and Al Nanoparticles: Time-Resolved XRD Study; Compositional Designs for High Performance Antifingerprint Coated Concealed Cistern Control Panels; Sol-Gel Derived Two-Dimensional Nanostructures of Calcium Phosphates; Study on the Synthesis of Batches of the System Y-Ba-Cu-O Using Sol-Gel Method; Consolidated Nanocomposite Materials with the Defined Properties Hydrogen Production from Thermochemical Water-Splitting Using Ferrites Prepared by Solution Combustion SynthesisSelf-Cleaning and

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Collection of selected, peer reviewed papers from 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. The 21 papers are grouped as follows: Chapter 1: Nanomaterials for Energy and Sustainability; Chapter 2: Porous Ceramics; Chapter 3: Ceramic Thin Films and Coatings.