

1. Record Nr.	UNINA9910628495103321
Autore	Caprara, Massimo
Titolo	L'inchiostro verde di Togliatti / Massimo Caprara
Pubbl/distr/stampa	Milano, : Simonelli, 1996
ISBN	88-86792-00-X
Descrizione fisica	262 p. ; 21 cm.
Collana	Il piacere di raccontare
Locazione	FARBC
Collocazione	FONDO ROSSI 1487
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910787246103321
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 B / / edited by Pietro Vincenzini, World Academy of Ceramics and National Research Council, Italy ; co-edited by Ralf Riedel, Technical University Darmstadt, Germany, Alexander S. Rogachev, ISMAN, RAS, Russia, Jolanta Janczak-Rusch, EMPA, Switzerland
Pubbl/distr/stampa	Faenza, Italy : , : TTP, , [2014] ©2014
ISBN	3-03826-684-1
Descrizione fisica	1 online resource (191 p.)
Collana	Advances in science and technology, , 1662-8969 ; ; volume 88
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	<p>13th International Ceramics Congress - Part B; Preface; Table of Contents; Chapter 1: Novel Routes for Ceramics Synthesis and Processing; Effect of Calcining Temperature of Si₃N₄ Poly-Hollow Microspheres on the Properties of the Porous Si₃N₄ Ceramics Prepared by Aqueous Gelcasting; Two-Step Synthesis of Ultrafine and Nanosized Powders of Tungsten Oxide and Carbide; SiOC Composite Structures for Intermediate Service Temperatures with Increased Friction Properties; Microwave Energy Application for Materials' Processing and Environmental Technology</p> <p>Microwave Absorbency Change of Nitride Powders under Vacuum HeatingNew Developments of FAST/SPS Tool Materials; Microwave Technique: An Innovated Method for Sintering -Eucryptite Ceramic Materials; Graphene Covered Alumina Nanofibers as Toughening Agent in Alumina Ceramics; Reactive Sintering of TaB₂ Using Spark Plasma Sintering Method; Lithography-Based Ceramic Manufacturing: A Novel Technique for Additive Manufacturing of High-Performance Ceramics; 3D Printing of Calcia-Based Ceramic Core Composites; Strong-Gravity Experiments on Perovskite-Type Oxides</p> <p>Laser Synthesis Features of Composite Ceramics Y₃Al₅O₁₂-Y₂Ti₂O₇-Al₂O₃-Al₂TiO₅Chapter 2: SHS Ceramics; Combustion of Gasless System under One-Sided Loading; New Results on Structural Macrokinetics Obtained on Multilayer Nanofoils; Carbonaceous Refractory Materials on SHS-Technology; Synthesis and Luminescence Properties of a Red Nitride Phosphor (CaAlSiN₃:Eu²⁺) for White Light LED Applications; Coupling SHS and SPS Processes; Chapter 3: Ceramics Joining; A Critical Review on Modeling of Fracture Behavior of Ceramic Joints; On the Role of TiC in the Carbon Steel-Titanium Joining</p> <p>Transmission Electron Microscopy of Interfaces in Diffusion-Bonded Silicon Carbide CeramicsCompact, Ceramic Heat Exchangers and Microchannel Devices: Joining and Integration; Brazing of Metals, Alloys and Ceramics Using Rapidly Quenched Ribbon-Type Filler Metal STEMET; Characterization of Furnace Sintered Mullite and Oxide Ceramic Matrix Composites (O-CMC) by Using Glass Solders; Influencing Factors on the Reactive Wetting of Cu-Sn-Ti- and Ag-Cu-Ti-Alloys on Silicon Carbide - Microstructural Observations, Effects and Multivariate Modelling; Keywords Index; Authors Index</p>
Sommario/riassunto	<p>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 25 papers are grouped as follows: Chapter 1: Novel Routes for Ceramics Synthesis and Processing, Chapter 2: SHS Ceramics, Chapter 3: Ceramics Joining.</p>