

1. Record Nr.	UNINA9910812554403321
Titolo	Advances in bioceramics and porous ceramics [[electronic resource]] : a collection of papers presented at the 35th International Conference on Advanced Ceramics and Composites, January 18-23, 2011, Daytona Beach, Florida . IV // edited by Roger narayan, Paolo Colombo
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley Chichester, : John Wiley [distributor], c2011
ISBN	9786613337573 9781283337571 1283337576 9781118095263 111809526X 9781118172643 1118172647
Edizione	[1st ed.]
Descrizione fisica	1 online resource (226 p.)
Collana	Ceramic Engineering and Science Proceedings
Altri autori (Persone)	NarayanRoger ColomboPaolo <1960->
Disciplina	610.284
Soggetti	Biomedical materials Ceramics in medicine Porous materials Ceramic materials Composite materials
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 author index.
Nota di contenuto	Advances in Bioceramics and Porous Ceramics IV: Ceramic Engineering and Science Proceedings; Contents; Preface; Introduction; BIOCERAMICS; Fabrication of Hydroxyapatite-Calcite Nanocomposite; Preparation and Protein Adsorption of Silica-Based Composite Particles for Blood Purification Therapy; Collagen-Templated Sol-Gel Preparation of Ultra-Fine Silica Nanotube Mats and Osteoblastic Cell Proliferation; Tissue Ingrowth in Resorbable Porous Tissue Scaffolds; Selective Laser Sintered Ca-P/PHBV Nanocomposite Scaffolds with Sustained Release of

rhBMP-2 for Bone Tissue Engineering
Microbeam X-Ray Grain Averaged Residual Stress in Dental
CeramicsBioactive Glass Scaffolds for the Repair of Load-Bearing Bones;
Do Cell Culture Solutions Transform Brushite ($\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$) to
Octacalcium Phosphate ($\text{Ca}_8(\text{HPO}_4)_2(\text{PO}_4)_4 \cdot 5\text{H}_2\text{O}$)?; Hydroxyapatite
Scaffolds for Bone Tissue Engineering with Controlled Porosity and
Mechanical Strength; Hollow Hydroxyapatite Microspheres for
Controlled Delivery of Proteins; Expression of Mineralized Tissue-
Associated Proteins is Highly Upregulated in MC3T3-E1 Osteoblasts
Grown on a Borosilicate Glass Substrate; POROUS CERAMICS
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Charcoal; Fabrication of Beta-Cristobalite Porous Material from
Diatomite with Some Impurities; Microstructural Study of Alumina
Porous Ceramic Produced by Reaction Bonding of Aluminium Powder
Mixed with Corn Starch; Characterization of Ceramic Powders during
Compaction using Electrical Measurements; Author Index

Sommario/riassunto

This book is a collection of papers from The American Ceramic Society's 35th International Conference on Advanced Ceramics and Composites, held in Daytona Beach, Florida, January 23-28, 2011. This issue includes papers presented in the Next Generation Bioceramics and Porous Ceramics Symposia on topics such as Advanced Processing of Bioceramics; In Vitro and In Vivo Characterization of Bioceramics; Medical and Dental Applications of Bioceramics; Porous Bioceramics; Structure and Properties of Porous Ceramics; and Processing Methods of Porous Ceramics.
