

1. Record Nr.	UNINA9910830767303321
Titolo	Advances in ceramic matrix composites XI [[electronic resource]] : proceedings of the 107th Annual Meeting of the American Ceramic Society : Baltimore, Maryland, USA (2005) / / editors, Narottam P. Bansal, J.P. Singh, Waltraud M. Kriven
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Descrizione fisica	1 online resource (278 p.)
Collana	Ceramic transactions ; ; v. 175
Altri autori (Persone)	BansalNarottam P SinghJitendra Prasad <1946-> KrivenWaltraud M
Disciplina	620.1/4 620.14
Soggetti	Ceramic-matrix composites
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 Ceramic Matrix Composites XI; Contents; Preface; Ceramic Fibers; Poly[(Alkylamino)Borazine]-Derived Boron Nitride Fibers for Composite Applications; Processing; Multilayered Materials by ICV1 in Non-Oxide Self-Healing Ceramic Matrix Composites for High Temperature Applications; Processing of Oxide/Oxide Composite Components for Efficient Energy Conversion Applications; From Polysaccharides to SiSiC Composites by 3D Printing*; Characterization; Ultrasonic NDE of Reaction Bonded Ceramics On the Use of Digital Image Correlation to Analyze the Mechanical Properties of Brittle Matrix CompositesMultiscale X-Ray CMT of C/C Composite Preforms: A Tool for Properties Assessment*; Microstructural Investigations of Reinforcing Materials in Zinc Phosphate Composites; Oxide Composites; High-Temperature Thermal Conductivity of Alumina-Reinforced Zirconia Composites; Dielectric Behavior in Ni _{0.93} Co _{0.02} Mn _{0.05} Fe _{1.95} O ₄ -+PZT Composites;

Mechanical Properties; Interlaminar Tension/Shear Properties and Stress Rupture in Shear of Various Continuous Fiber-Reinforced Ceramic Matrix Composites
Fatigue Behavior of NextelTM720/Alumina (N720/A) Continuous Fiber Ceramic Composite - Effects of Temperature and Steam Environment
Microstructure and Mechanical Properties of Polymer-Derived Al₂O₃-SiC Micro-Nano Composites; High Temperature Creep of Yttria Tetragonal Zirconia Nanocrystals: The Role of Yttrium Segregation at the Grain Boundaries; Creep-Rupture Behavior of NextelTM720/Alumina (N720/A) Continuous Fiber Ceramic Composite - Effects of Temperature and Steam Environment; Damage Morphology of C/C-SiC Composites Under Impact Tests; Geopolymers and Geopolymer Matrix Composites
On Mix Compositions of Fly Ash Based Inorganic Polymeric Materials
Nanostructural Design of Multifunctional Geopolymeric Materials; Thermal Conversion and Microstructural Evaluation of Geopolymers or "Alkali Bonded Ceramics" (ABCs); Disposition of Water in Metakaolinite Based Geopolymers; High-Temperature Deformation of a Geopolymer; Modeling Si/Al Ordering in Metakaolin-Based Geopolymers; Matrix and Interphase Design of Geopolymer Composites; Index

Sommario/riassunto

Contained in this proceeding is a variety of papers that discuss recent advances in ceramic matrix composites. Topics include processing, characterization, geopolymers, environmental effects, coatings, and mechanical properties.

2. Record Nr.	UNINA9910830601303321
Titolo	MALDI-TOF and tandem MS for clinical microbiology / / edited by Haroun N. Shah, Saheer E. Gharbia
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ISBN	1-118-96023-8 1-118-96024-6 1-118-96022-X
Descrizione fisica	1 online resource (615 pages)
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Soggetti	Diagnostic microbiology Microbiology Matrix-assisted laser desorption-ionization Tandem mass spectrometry
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.