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Titolo	28th International Conference on Advanced Ceramics and Composites [[electronic resource]] : a collection of papers presented at the 28th International Conference and Exposition on Advanced Ceramics and Composites held in conjunction with the 8th International Symposium on Ceramics in Energy Storage and Power Conversion Systems : January 25-30, 2004, Cocoa Beach, Florida . A // Edgar Lara-Curzio, Michael J. Readey, editors
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Collana	Ceramic engineering & science proceedings, , 0196-6219 ; ; v. 25/3
Altri autori (Persone)	Lara-CurzioEdgar <1963-> ReadeyMichael J
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Soggetti	Composite materials Ceramic materials Structural analysis (Engineering)
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	28th International Lonterence on Advanced Ceramics and Composites: A; Contents; Preface; 28th International Lonterence on Advanced Ceramics and Composites: A; Ceramics and Components in Energy Conversion Systems; Ceramic Components in Gas Turbine Engines: Why Has It Taken So long?; Development of the 8000 KW Class Hybrid Gas Turbine; Development and Evaluation of CMC Vane for NGSST Engine; Ceramic Combustor Design for ST5+ Microturbine Engine; CMC Combustor liner Design for a Model RAM Jet Engine; Burner Rig Test of Silicon Nitride Gas Turbine Nozzle Materials for Advanced Battery and Energy Storage Systems (Batteries, Capacitors, Fuel Cells)Effect of Ni-Al Precursor Type on Fabrication and

Properties of Tic-Ni3Al Composites; MMCs by Activated Melt Infiltration  
High Melting Alloys and Oxide Ceramics; Multifunctional Metal-Ceramic  
Composites by Solid Free Forming (SFF); Solid Freeform Fabrication of a  
Piezoelectric Ceramic Torsional Actuator Motor; Centrifugal Sintering;  
Alumina-Based Functionally Gradient Materials by Centrifugal Molding  
Technology

Investigation of a Novel Air Brazing Composition for High Temperature,  
Oxidation-Resistant Ceramic JoiningJoining of Advanced Structural  
Materials by Plastic Deformation; Mechanical Performance of Advanced  
Ceramic Parts Joined by Plastic Flow; Physical Characterization of  
Transparent PUT Ceramics Prepared by Electrophoretic Deposition;  
Fabrication of Microstructured Ceramics by Electrophoretic Deposition  
of Optimized Suspensions; low Cost Process for Mullite Utilizing  
Industrial Wastes as Starting Raw Material; Low-Cost Processing of Fine  
Grained Transparent Yttrium Aluminum Garnet

Gas-Pressure Sintering of Silicon Nitride with Lutetia AdditiveUse of  
Combustion Synthesis in Preparing Ceramic Matrix and Metal-Matrix  
Composite Powders; Mechanical Reliability of Si<sub>3</sub>N<sub>4</sub>; Correlation of  
Finite Element with Experimental Results of the Small-Scale Vibration  
Response of a Damaged Ceramic Beam; Macro-Micro Stress Analysis of  
Porous Ceramics by Homogenization Method; X-Ray and Neutron  
Diffraction Studies on a Functionally-Graded Ti<sub>3</sub>SiC<sub>2</sub>-Tic System;  
Modeling of Transient Thermal Damage in Ceramics for Cannon Bore  
Applications; Strengthening of Ceramics by Shot Peening  
Solid Oxide Fuel CellsDOE FE Distributed Generation Program;  
lanthanum Gallate Electrolyte for Intermediate Temperature; Solid  
Oxide Fuel Cell Development at Forschungszentrum Juelich;  
Development of MOLB Type SOFC; Development of Advanced Co-Fired  
Planar Solid Oxide Fuel Cells with High Strength; Electrophoresis: An  
Appropriate Manufacturing Technique for Intermediate Temperature  
Solid Oxide Fuel Cells; Microstructure-Performance Relationships in  
LSM-YSZ Cathodes; Role of Cathode in Single Chamber SOFC;  
Morphology Control of SOFC Electrodes by Mechano-Chemical Bonding  
Technique

Improved SOFC Cathodes and Cathode Contact Layers

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#### Sommario/riassunto

A collection of Papers Presented at the 28th International Conference  
and Exposition on Advanced Ceramics and Composites held in  
conjunction with the 8th International Symposium on Ceramics in  
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2. Record Nr. UNISANNIOLO10395223

**Titolo**

Le querce

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Milano, : M. Tropea

**Lingua di pubblicazione**

Non definito

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