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Altri autori (Persone)	Lara-CurzioEdgar <1963-> ReadeyMichael J
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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 Si₃N₄; 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 Ti₃SiC₂-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

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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