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Autore	LANTERNARI, Vittorio
Titolo	Medicina, magia, religione, valori / Vittorio Lanternari
Pubbl/distr/stampa	Napoli : Liguori
Descrizione fisica	v. ; 24 cm
Disciplina	306.461
Soggetti	Medicina -- Aspetti socio.culturali
Collocazione	XV H 90/34
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9911020059403321
Titolo	Advances in solid oxide fuel cells : a collection of papers presented at the 29th International Conference on Advanced Ceramics and Composites, January 23-28, 2005, Cocoa Beach, Florida // editor, Narottam P. Bansal ; general editors, Dongming Zhu, Waltraud M. Kriven
Pubbl/distr/stampa	Westerville, Ohio, : American Ceramic Society, c2005
ISBN	9786612314780 9781282314788 1282314785 9780470291245 0470291249 9780470291634 047029163X
Descrizione fisica	1 online resource (338 p.)
Collana	Ceramic engineering and science proceedings, , 0196-6219 ; ; v. 26, no. 4
Altri autori (Persone)	BansalNarottam P KrivenWaltraud M ZhuDongming
Disciplina	620.14 621.312429
Soggetti	Ceramic materials Composite materials Solid oxide fuel cells

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>Advances in Solid Oxide Fuel Cells; Contents; Preface; Overview and Current Status; Worldwide SOFC Technology Overview and Benchmark; U.S. DOE Solid Oxide Fuel Cells: Technical Advances; Processing/Fabrication; Single-Step Co-Firing Technique for SOFC Fabrication; Fabrication and Properties of an Anode-Supported Tubular IT-SOFC Based on Lanthanum Gallate; Low Cost SOFC Manufacturing Process; Y2O3-Stabilized ZrO2 Aerogels Prepared from an Epoxide Assisted Sol-Gel Synthesis for Use in SOFC Composite Cathodes; Pulsed Laser Deposition of BaCe0.85Y0.15O3 Films; Characterization/Testing Electrochemical Characterization of Vacuum Plasma Sprayed Planar Solid Oxide Fuel Cells and Short Stacks for Mobile Application Single Cell Testing and Performance Analysis of Planar Solid Oxide Fuelcells; Long-Term SOFC Stability with Coated Ferritic Stainless Steel Interconnect; Chemical Diffusion and Hydrogen Separation Properties of Lanthanum Ferrite and Doped Ceria Composite Mixed Conductors; Vapor Phase Silica Transport during SOFC Operation at 1000°C; The Effect of Inverter Ripple on Solid Oxide Fuel Cell Performance; Electrodes</p> <p>Study of Praseodymium Strontium Manganite for the Potential Use as a Solid Oxide Fuel Cell Cathode Chromium Poisoning Effects on Various Cathodes; Anomalous Shrinkage of Lanthanum Strontium Manganite; Development and Characterization of SOFC Ni-YSZ Anodes Using Highly Porous Ni Foam; High Purity H2/H2O/Nickel/Stabilized Zirconia Electrodes at 500°C; Characterization of Pore Structure of Electrodes of Solid Oxide Fuel Cells; Influence of Processing Parameters on Porosity of NiO-YSZ Solid Oxide Fuel Cell Anode Material</p> <p>Property Control of Cathodes and Anodes Produced by Slip Casting for Planar Solid Oxide Fuel Cells Interconnects; Surface Modification on Ferritic and Ni Based Alloys for Improved Oxidation Resistance in SOFC Applications; Ferritic Stainless Steel SOFC Interconnects with Thermally Grown (Mn,Co)3O4 Spinel Protection Layers; Chemical Reaction Behavior between Glass-Ceramic Sealants and High Chromium Ferritic Steels Under Various SOFC Conditions; Electrical Contacts between Cathodes and Metallic Interconnects in Solid Oxide Fuel Cells; Seals</p> <p>Finite Element Analysis of the Bonded Compliant Seal Design - A New Sealing Concept for Use in Planar Solid Oxide Fuel Cells Glass-Ceramic Materials of the System BaO-CaO-SiO2 as Sealants for SOFC Applications; Layered Composite Seals for Solid Oxide Fuel Cells (SOFC); Glass Mica Composite Seals for Solid Oxide Fuel Cells .; Combined Ageing and Thermal Cycling of Compressive Mica Seals for Solid Oxide Fuel Cells; Mechanical Properties; Mechanical Properties of SOFC Seal Glass Composites; Fracture Energies of Brittle Sealants for Planar Solid Oxide Fuel Cells</p> <p>Failure Probability of Solid Oxide Fuel Cells</p>
Sommario/riassunto	<p>Due to its many potential benefits, including high electrical efficiency and low environmental emissions, solid oxide fuel cell (SOFC) technology is the subject of extensive research and development efforts by national laboratories, universities, and private industries. This collection of papers provides valuable insights on materials-related aspects of fuel cells such as SOFC component materials, materials processing, and cell/stack design, performance, and stability.</p>

Emerging trends in electrochemical materials, electrofluidics, interface engineering, long-term chemical interactions are also cov

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3. Record Nr.	UNINA9910142458603321
Titolo	Mathematical medicine and biology : a journal of the IMA
Pubbl/distr/stampa	[Oxford, England], : Oxford University Press, [2003-]
ISSN	1477-8602
Descrizione fisica	1 online resource
Disciplina	574.0151
Soggetti	Biomathematics Medicine - Mathematics Medicine Biology Biomedical Research Models, Theoretical medicine Biological Sciences biomedical research Biomathematiques Medecine - Mathematiques biology mathematical models Biologie Biomathematique Biomedecine Medecine Modele mathematique Recherche medicale Popular Science and Nature Periodical Internet resource Periodicals. Periodique electronique (Descripteur de forme) Ressource Internet (Descripteur de forme)

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