1. Record Nr. UNINA9910827326303321

Titolo	Grain boundary engineering of electronic ceramics [[electronic resource]] : proceedings of a COST 525 meeting held in Aveiro, Portugal, October 2001 / / edited by Robert Freer ... [et al.]
Pubbl/distr/stampa	London, : Maney, for the Institute of Materials, Minerals, and Mining, 2003
ISBN	1-907625-77-1
Descrizione fisica	1 online resource (216 p.)
Collana	British ceramic proceedings ; ; no. 63 B0795
Altri autori (Persone)	FreerR
Disciplina	620.1/4
Soggetti	Grain boundaries Electronic ceramics
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 indexes.
Nota di contenuto	""Contents""; ""Foreword""; ""High Temperature Proton Conductors - Properties and Applications""; ""Synthesis and Characterisation of Catalytic Properties of Perovskite-Type La0.8Sr0.2MO3 (M = Fe, Co)""; ""Electronic Conductivity and the Effect of Schottky Disorder in LaFeO3-I?""; ""Role of Grain Boundaries in Oxygen Ionic Transport in Mixed Conducting Ceramics""; ""Microstructure - Ionic Conductivity Correlation in Large Grained YSZ Bodies""; ""Study of YSZ Based Electrochemical Sensors with a WO3 Electrode for High Temperature Applications"" ""Mechanochemical Synthesis of Gadolinia Doped Ceria Powders""""""Constant Heating Rate Sintering of Ceria Nanopowders""; ""La2-xSrxNiO4+I? Ceramic Powders Prepared by Combustion Synthesis""; ""Some Characteristics of Conductive Lanthanum Ruthenates""; ""Perspectives of Gas Sensors Based on Nanocrystalline Oxides""; ""Microstructure and Microwave Dielectric Properties""; ""Dielectric Response of Some Relaxor Ferroelectrics in a Wide Frequency Range""; ""Broad-Band Dielectric Spectroscopy of Bi1.5Zn1.0Nb1.5O7 Pyrochlore Ceramics"" ""Relaxor Behaviour of Modified Na0.5Bi0.5TiO3 Ferroelectric Ceramics""""""Modulation of Electrical Conductivity Through