1.

Record Nr.	UNISALENTO991001916189707536
Autore	Russell, Stuart Jonathan
Titolo	Artificial intelligence : a modern approach / Stuart J. Russell and Peter Norvig ; contributing writers, John F. Canny ... [et al.]
Pubbl/distr/stampa	Upper Saddle River, N.J. : Prentice Hall/Pearson Education, c2003
ISBN	0130803022
Edizione	[2nd ed.]
Descrizione fisica	xxviii, 1080 p. : ill. ; 27 cm
Collana	Prentice Hall series in artificial intelligence
Altri autori (Persone)	Norvig, Peterauthor
Disciplina	006.3
Soggetti	Artificial intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index

2. Record Nr. UNINA9911018825603321

Titolo	Advances in electroceramic materials : a collection of papers presented at the 2008 Materials Science and Technology Conference (MS&T08), October 5-9, 2008, Pittsburg, Pennsylvania / / edited by K.M. Nair ... [et al.]
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, Inc., : The American Ceramic Society, c2009
ISBN	9786612369247 9781282369245 1282369245 9780470528990 0470528990 9780470528983 0470528982
Descrizione fisica	1 online resource (212 p.)
Collana	Ceramic transactions ; ; v. 204
Altri autori (Persone)	NairK. M
Disciplina	620.1404297
Soggetti	Electronic ceramics Ceramic materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This volume contains a collection of papers from the Advanced Dielectric Materials and Electronic Devices and Electroceramics Technologies symposia held during MS&T08-- a joint meeting between ACerS, AIST, ASM International, and TMS-- held at the David L. Lawrence Convention Center, Pittsburg, Pennsylvania, USA, October 5-9, 2008."-- Preface (p. ix).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ceramic Transactions; Contents; Preface; DESIGN, SYNTHESIS AND CHARACTERIZATION; Ceramic-Polymer Dielectric Composites Produced via Directional Freezing; Low-Temperature Fabrication of Highly Loaded Dielectric Films Made of Ceramic-Polymer Composites for 3D Integration; Effect of Rare Earth Elements Doping on the Electrical Properties of (Ba,Sr)TiO3 Thin Film Capacitors; Microwave Processing of Dielectrics for High Power Microwave Applications; Ferroelectric Domains in Lead Free Piezoelectric Ceramics

Fabrication of SrTi4Bi4O15 Piezoelectric Ceramics with Oriented Structure Using Magnetic Field-Assisted Shaping and Subsequent Sintering Processing (MFSS)Recent Investigations of Sr-Ca-Co-O Thermoelectric Materials; Preparation of Low-Loss Titanium Dioxide for Microwave Frequency Applications; Analytic Methods for Determination of Activation Energy Using the Master Sintering Curve Approach; Surface Analysis of Nano-Structured Carbon Nitride Films for Microsensors; Gas Permeability in Nanoporous Substrates; PROPERTIES AND APPLICATIONS
Texturing of PMN-PT Ceramics via Templated Grain Growth (TGG): Issues and PerspectivesElectrical Characterization and Dielectric Relaxation of Au/Porous Silicon Contacts; Structural and Dielectric Properties of the Naa5Bia5TiO3-NaTaO3 Ceramic System; Piezoelectric Behavior of the Blended Systems (NYLON 6/NYLON 11); Dielectric Properties of BaTiO3 Doped with Er2O3, Yb2O3 Based on Intergranular Contacts Model; Dielectric Properties of ACu3Ti4O12 -type Perovskites; Dielectric Properties of Rare Earth Doped Sr-M Hexaferrites
High Temperature Piezoelectric Properties of Some Bismuth Layer-Structured Ferroelectric CeramicsEffective Size of Vacancies in the Sr1-3x/2CexTiO3 Superstructure; Effect of Dopants and Processing on the Microstructure and Dielectric Properties of CaCu3Ti4O12 (CCTO); Author Index

Sommario/riassunto

This compilation is a useful one-stop resource for understanding the most important issues in advances in electroceramic materials, covering topics such as design, synthesis, characterization, and properties and applications. This volume contains a collection of papers from the Advanced Dielectric Materials and Electronic Devices and Electroceramics Technologies symposia held during MS&T 08.