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	Nota di contenuto	Advances in Electroceramic Materials II; Contents; Preface; DESIGN, SYNTHESIS AND PROPERTIES; Barium Titanate Stannate Functionally Graded Materials: Choosing of the Ti/Sn Concentration Gradient and the Influence of the Gradient on Electrical Properties; Barium Titanate and Cobalt Ferrite Nano-Particles Decorated SiCN/MWCNT Nanotubes: Synthesis and Microstructural Characterization; Synthesis, Structural and Electrical Properties of the Na0.5Bi0 5TiO3-K0.5Bi0.5TiO3 Ceramic System; Improvement of Electric Properties of (K,Na)NbO3 and (K,Na) (Nb,Ta)O3 Based Lead-Free Piezoelectrics Structural and Electrical Characterization of Lead-Free (1-x) (Na1/2Bi1/2)TiO3-xBaTiO3 Piezoelectric CeramicsTemperature Dependences of Piezoelectric Properties of Textured (Bi1/2K1/2)TiO3- BaTiO3 Lead-Free Piezoelectric Ceramics; Structure and Dielectric Properties of Tellurium Oxide-Based Materials; Dielectric Anisotropy of Ferroelectric Single Crystals in Microwave C-Band by Cavity Vectorial Perturbation Method; Characterization and Microstructure Evolution in

	Er-Doped BaTiO3 Ceramics Improvement of the Dielectric Properties of Tunable (Ba,Sr)TiO3-MgO Composites by Decreasing Heterogeneous DiffusionHigh Thermal Conductivity AIN Materials: Metal-Encapsulation of Ferromagnetic
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Sommario/riassunto	During the past decades, understanding of the science and technology powering electronic materials has played a major role in satisfying social needs by developing electronic devices for automotive, telecommunications, military, and medical applications. This volume contains a collection of selected papers from the international symposia on Advanced Dielectric Materials and Electronic Devices and Ferroelectrics and Multiferroics presented during the Material Science and Technology conference held in Pittsburgh in October 2009. It is a one-stop resource for academics on the most important issue