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Mechanical Strain and Piezoelectric Properties of PZT Stacks Related to Semi-Bipolar Electric Cyclic Fatigue; Intergranular Fractal Impedance Analysis of Microstructure and Electrical Properties of Rare-Earth Doped BaTiO<sub>3</sub>; THERMAL TO ELECTRIC CONVERSION; Ca-Doping and Thermoelectric Properties of Ca<sub>x</sub>CoO<sub>2</sub> Epitaxial Films; Thermoelectric Generators; Chemical Thermodynamic in Thermoelectric Materials; Strength of Bismuth Telluride; MATERIALS FOR SOLID STATE LIGHTING; Sulfoselenide Phosphors and Nanophosphors for Solid-State Lighting; Author Index

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Sommario/riassunto

This proceedings issue contains a collection of 11 papers presented during the 33rd International Conference on Advanced Ceramics and Composites, January, 2009. Papers in this proceedings were presented from one of the three symposia listed below: Symposium 6 - Key Materials and Technologies for Efficient Direct Thermal-to-Electrical Conversion; Symposium 11 - Symposium on Advanced Dielectrics, Piezoelectric, Ferroelectric, and Multiferroic Materials; Focused Session 2 - Materials for Solid State Lighting.

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