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Nota di contenuto	Developments in Strategic Materials; Contents; Preface; Introduction; OXYNITRIDE GLASSES; Developments in Oxynitride Glasses: Formation, Properties and Crystallization; THERMOELECTRIC MATERIALS FOR POWER CONVERSION APPLICATIONS; Thermoelectric Properties of Ge Doped In2O3; Transition Metal Oxides for Thermoelectric Generation; Deformation and Texture Behaviors of Co-Oxides with Misfit Structure under High Temperature Compression; Fabrication of High-Performance Thermoelectric Modules Consisting of Oxide Materials;

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 and $\text{Sn}_{17}\text{Zn}_7\text{P}_{22}\text{Br}_8$; Temperature Impact on Electrical
 Conductivity And Dielectric Properties of HCl Doped Polyaniline;
 GEOPOLYMERS; Preparation of Ceramic Foams from Metakaolin-Based
 Geopolymer Gels; Preparation of Photocatalytic Layers Based on
 Geopolymer; Characterization of Raw Clay Materials in Serbia 0.063mm
 Sieved Residues; Fireproof Coatings on the Basis of Alkaline Aluminum
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 Coprecipitation and Hydrothermal Synthesis of Praseodymium Doped
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Sommario/riassunto

This volume provides a one-stop resource, compiling current research
 on developments in strategic materials. It is a collection of papers from
 The American Ceramic Society's 32nd International Conference on
 Advanced Ceramics and Composites, January 27-February 1, 2008.
 Papers included in this issue come from five symposia: "Thermoelectric
 Materials for Power Conversion;" "Basic Science of Multifunctional
 Ceramics;" "Science of Ceramic Interfaces;" "Geopolymers;" and
 "Materials for Solid State Lighting." This is a valuable, up-to-date
 resource for researchers working in the field.