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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 In ₂ O ₃ ; 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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3Br8 and Sn17Zn7P22Br8; Temperature Impact on Electrical
Conductivity And Dielectric Properties of HCl Doped Polyaniline;
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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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Calcium Titanate Phosphors; Author Index

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.
