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Effects of Two-Step Sintering on Densification and Performance of Near-Net Shaped NITE-SiC/SiC Composites CERAMICS FOR ELECTRIC ENERGY GENERATION, STORAGE, AND DISTRIBUTION; Ceramic Processing for Dense Magnesium Diboride; Investigation on Phase Transformation of YBCO-ln2O3 Composite Superconductor Cooled Down via Different Routes; Morphologies and Electrochemical Capacitor Behaviors of Co(OH)2/Polyaniline Composite Films; Optimization of Spark-Plasma-Sintering Conditions for Maximizing Figure of Merit of La-Doped SrTiO3; ADVANCED MATERIALS AND TECHNOLOGIES FOR RECHARGEABLE BATTERIES
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Sommario/riassunto

This book is a collection of papers from The American Ceramic Society's 35th International Conference on Advanced Ceramics and Composites, held in Daytona Beach, Florida, January 23-28, 2011. This issue includes papers presented in the Ceramics for Electric Energy Generation, Storage and Distribution; Advanced Ceramics and Composites for Nuclear and Fusion Applications; and Advanced Materials and Technologies for Rechargeable Batteries symposia.