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PROCESSING FOR PHOTONICS AND ENERGY; Effect of Porosity on the Efficiency of DSSC Produced by using Nano-Size TiO<sub>2</sub> Powders; Evaluation of Compression Characteristics for Composite- Antenna- Structures; Design and Fabrication of Smart-Skin Structures with a Spiral Antenna; ADVANCED CERAMICS AND COMPOSITES FOR SUSTAINABLE NUCLEAR ENERGY AND FUSION ENERGY; Comparison of Probabilistic Failure Analysis for Hybrid Wound Composite Ceramic Assembly Tested by Various Methods  
Strength-Formulation Correlations in Magnesium Phosphate Cements for Nuclear Waste Encapsulation Test Methods for Hoop Tensile Strength of Ceramic Composite Tubes for Light Water Nuclear Reactor Applications; Test Methods for Flexural Strength of Ceramic Composite Tubes for Small Modular Reactor Applications; Effects of Size and Geometry on the Equibiaxial Flexural Test of Fine Grained Nuclear Graphite; High Temperature Steam Corrosion of Cladding for Nuclear Applications: Experimental; Author Index

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Sommario/riassunto

Ceramic Engineering and Science Proceedings Volume 34, Issue 9 - Ceramic Materials for Energy Applications III A collection of 15 papers from The American Ceramic Society's 37th International Conference on Advanced Ceramics and Composites, held in Daytona Beach, Florida, January 27-February 1, 2013. This issue includes papers presented in Symposia 6 -Advanced Materials and Technologies for Rechargeable Energy Storage; Symposium 13 - Advanced Ceramics and Composites for Sustainable Nuclear Energy and Fusion Energy; Focused Session 4 - Advanced Processing for P

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