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Nota di contenuto	Advances in Sintering Science and Technology II; Contents; Preface; POWDER SYNTHESIS AND SINTERING; Deposition of Platinum Nanoparticles onto Copper Foils by Electrophoresis: A Study of the Sintering Dynamics at the Platinum-Copper Interface; Pressureless Sintering and Piezoelectric Properties of Mechanochemically Synthesized K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> Powder Compacts; Synthesis of Polycrystalline Sr <sub>2</sub> Fe <sub>1+x</sub> Mo <sub>1-x</sub> O <sub>6</sub> Samples Produced by Solid-State Reaction; INTERFACIAL REACTION AND SINTERING Effects of Chemicophysical Properties of Carbon on Bloating Characteristics of Artificial Lightweight Aggregates using Coal AshSintering of Silicon, Effect of the Sample Size on Silica Reduction Kinetics and Densification; MICROSTRUCTURAL EVOLUTION AND PHYSICAL PROPERTIES; Cermets Based on New Submicron Ti (C,N) Powder: Microstructural Development During Sintering and Mechanical Properties; Grain Growth of β-Si <sub>3</sub> N <sub>4</sub> using Y <sub>2</sub> O <sub>3</sub> and Al <sub>2</sub> O <sub>3</sub> as Sintering Aids; Suppression of Sintering Defects in Metal/Ceramic Graded Layers by using Inhomogeneous Powder Mixtures Co-Sintering of an Anode-Supported SOFC Based on Scandia Stabilized Zirconia ElectrolyteBulk Doping Influence on Grain Size and Response

of Conductometric SnO<sub>2</sub>-Based Gas Sensors: A Short Survey; Effect of Glass Additives on the Densification and Mechanical Properties of Hydroxyapatite Ceramics; UNCONVENTIONAL SINTERING PROCESSES; Field Assisted Sintering of Nanometric Ceramic Materials; Fabrication of Copper-Graphite Composites by Spark Plasma Sintering and Its Characterization; Densification and Microstructure Changes of Ceramic Powder Blends during Microwave Sintering  
Densification of UO<sub>2</sub> Via Two Step Sintering  
Effect of Two-Step Sintering on Optical Transmittance and Mechanical Strength of Polycrystalline Alumina Ceramics; Author Index

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Sommario/riassunto

This publication provides an excellent one-stop resource for understanding the most important current issues in the research and advances in sintering science and technology.

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