



Advanced structural materials, 2011 /

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Contenido: Structure of Dislocations and Mechanical Properties of B2 Alloys -- Exploring the Synthesis Parameters and Spark Plasma Sintering of Tantalum Carbide Powders Prepared by Solvothermal Synthesis -- Thermal Behavior of Celsian Ceramics Synthesized from Coal Fly Ash -- Surface Study of Vitreous Carbon Obtained from Glassy Carbon Powder -- Development of Silicon Carbide Substrates for Aerospace Applications -- Synthesis and Characterization of Glass and Glass-Ceramic Materials of the System SiO2-Fe2O3-BaO-Al2O3 O.I. -- Effect of Milling Time on the Physical and Mechanical Properties of Celsian-Mullite Composites Synthesized from Coal Fly Ash -- Physical, Petrographic, and Mineralogical Properties of Limestone Rocks from the Peninsula of Yucatan -- Effect of Gradual Substitution of CaO by SrO in Glass-Ceramic Materials of the System SiO2 -- Al2O3 -- CaF2 -- RO (R = Ca, Mg, Sr) -- Distribution of Additives in Single-Modified TiO2 -- Biocorrosion of

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