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	INVESTIGATION ON THE DEPOSITION OF SIC FROM METHYLTRICHLOROSILANE AND HYDROGEN; II. Nanomaterials and Nanotechnologies; SYNTHESIS OF HEMATITE-ZIRCON-SILICA NANO COMPOSITE AS A NON TOXIC CERAMIC PIGMENT BY SOL-GEL METHOD; FORMATION OF NANOCRYSTALLINE -ALUMINAS IN DIFFERENT MORPHOLOGY FROM GEL POWDER AND BOEHMITE POWDER: A COMPARATIVE STUDY; SYNTHESIS AND IN VITRO RELEASE OF GENTAMICIN FROM CaMCM-41/PLLA COMPOSITE MICROSPHERES HIGHLY ORDERED CUBIC MESOPOROUS COBALT OXIDE BY AN ACCURATELY CONTROLLED INCIPIENT WETNESS TECHNIQUEPREPARATION OF Fe304 NANOPARTICLES BY TWO DIFFERENT METHODS; NANO-ZIRCONIA/MULLITE COMPOSITE CERAMICS PREPARED BY IN-SITU CONTROLLED CRYSTALLIZATION FROM THE SI-AI-Zr-O AMORPHOUS BULK; PREPARATION AND CHARACTERIZATION OF E:G4203 POWDERS; III. Ceramics in Energy Conversion Systems; CMC MATERIALS AND BIOMORPHIC SISIC FOR ENERGY APPLICATIONS; ORYSTALLIZATION, MICROSTRUCTURE AND PHYSICAL PROPERTY OF NEW TYPES OF BOROSILICATE GLASS-CERAMICS A STUDY OF AI203 AND YSZ CERAMIC SUPPORTS FOR PALLADIUM MEMBRANESYNTHESIS OF OLIVINE (LIFEPO4) and Ni/OLIVINE (LIFEPO4) CATALYSTS FOR UPGRADING SYN-GAS PRODUCTION; FABRICATION AND CHARACTERIZATION OF CERMET MEMBRANE FOR HYDROGEN SEPARATION; POROUS CERAMICS FOR HOT GAS CLEANING; DEGRADATION MECHANISMS OF SIC-BASED FILTERS CAUSED BY LONG TERM WATER VAPOUR EXPOSURE; IV. SOIID OXIDE FUEL CELLS: PERFORNMANCE OPTIMIZATION AND MICRO-STRUCTURED YSZ ELECTROLYTE LAYERS FOR SOFC APPLICATIONS VIA SOL-GEL ROUTE DEVELOPMENT OF SINGLE-CHAMBER SOLID OXIDE FUEL CELLS: PERFORMANCE OPTIMIZATION AND MICRO-STACK DESIGNSDEVELOPMENT OF BUNDLE/STACK FABRICATION TECHONOLOGY FOR MICRO SOFCS; AN OVERVIEW OF SCANDIA STABILIZED ZIRCONIA ELECTROLYTE DEVELOPMENT FOR SOFC APPLICATION; FORMICS ON FOC ANODE SUBSTRATE BY TAPE CASTING PROCESS; V. Ceramics in Environmental AppliCATION; INFLUENCE OF LAITICE STRAIN ON THE Ce0.5Z70.502 AND AI203 DOPED Ce0.5Z70.502 CATALYTIC POWDERS; MICROSTRUCTURE AND PROPERTIES OF CORDIENTE-BONDED POROUS SIC CERAMICS PREPARED BY
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