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Titolo	Advanced Materials Conference (AMC 2012) : selected, peer reviewed papers from the Advanced Materials Conference (AMC 2012), December 12-13, 2012, Langkawi, Malaysia / / edited by Rosdi Ibrahim [and five others]
Pubbl/distr/stampa	Zurich, Switzerland : , : TTP, , 2014 ©2014
ISBN	3-03826-359-1
Descrizione fisica	1 online resource (272 p.)
Collana	Advanced Materials Research, , 1662-8985 ; ; Volume 879
Disciplina	658.054678
Soggetti	Manufacturing industries - Technological innovation Industrial engineering Materials - Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes.
Nota di contenuto	Advanced Materials Conference (AMC 2012); Foreword, Message from Chairman of the Organizing Committee, Organizing Committee and Sponsors; Table of Contents; Ferroelectric Properties of Polyvinylidenefluoride-Trifluoroethylene (PVDF-TrFE) Annealed Thin Film; Interaction between Binder and Powder in Injection Moulding of 316L Stainless Steel; Physical and Mechanical Properties of WC-Co Submicron Powders Using P/M Technique; Effects of Ball Milling on the Electrochemical Performance of Li2FeSiO4 Cathode Physical, Mechanical and Electrical Properties of W-20 wt.% Cu Composite Produced by Liquid Phase Sintering Process Optimization of TiAlN Coatings on HSS Inserts by Physical Vapour Deposition Process Using Taguchi Technique; Structural and Photoluminescence Properties of Co-Doped ZnO Nanorods Prepared by RF-Magnetron Sputtering; Characteristic and Corrosion Studies of Rare Earth (Ree) Based Anodizing on AZ91D Magnesium Alloy; Characterization of PM Fe-Cr-Y2O3 Composites Prepared by Microwave Sintering Technology Effect of Surface Roughness on Mechanical Properties of Aluminium-Carbon Laminates Composites Benzene and Cyclohexane Separation Using 1-Propanenitrile-3-butylimidazolium Dicyanamide Ionic Liquid;

Analysis of the Rheological Behavior and Stability of Inconel 718 Powder Injection Molding (PIM) Feedstock; Effects of Papain Incorporation on the Photo-Transformation Stability of 5-Bromo-8-Methoxy-6-Nitro Bips; Investigation of Biomechanical and Biosafety of Injection Moulded Implant Materials
Physical and Mechanical Properties of Sintered Titanium Alloy Produced through Metal Injection Molding (MIM) Process for Craniofacial Application Effect of Filler Compositions on the Mechanical Properties of Bamboo Filled Polyester Composite; Photo Characterization of Spirooxazine and Naphthopyran Organic Dyes upon UV Irradiation; Innovative Metal Injection Molding (MIM) Method for Producing CoCrMo Alloy Metallic Prosthesis for Orthopedic Applications; The Compatibility of TPU and NR Blends; Rapid Debinding of Injection Moulded M2 High Speed Steel Using Palm Stearin/Waste Rubber Binder
Influence of Isocyanate Structures on Mechanical Performance of Aluminum Bonded with Green Polyurethane Adhesive Synthesis and Characterization of Magnetic Mesoporous; -FE2O3/SIO2; Tribological Properties of 316L Stainless Steel Fabricated via Metal Injection Molding; The Effect of Sintering Temperature on Physical Properties of Sintered Inconel 718 for Potential Aerospace Industry Application; Modification of Thin Film Surface Morphology by Thermal Annealing Process to Enhance Organic Photovoltaic Solar Cell Performance; Solid Supported [hmim][Tf2N] for CO2 Adsorption
Synthesis of Fe2+ Ion Doped ZnS Nanoparticles

Sommario/riassunto

AMC 2012 is held with the aim of being a platform for reviewing the latest research and technology in the area of Advanced Materials. It also to bring together researchers, scientists, engineers and scholar students to exchange and share their experiences, new ideas and results in all aspects of Advanced Material Research and discuss the practical challenges encountered and the solutions adopted. Latest advances and innovation in the area of advanced material will be discussed. A total of more than 100 scientific papers in various field of Advanced Materials have been received and accepted for

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Record Nr.	UNINA9910698270703321
Autore	Wright A. D (Alan Duane), <1954->
Titolo	Progress in implementing and testing state-space controls for the controls advanced research turbine : preprint / / A.D. Wright and L.J. Fingersh, K.A. Stol
Pubbl/distr/stampa	Golden, Colo. : , : National Renewable Energy Laboratory, , [2004]
Descrizione fisica	13 pages : digital, PDF file
Collana	Conference paper ; ; NREL/CP-500-36818
Altri autori (Persone)	StolKarl A FingershLee Jay
Soggetti	Wind turbines - Testing State-space methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on June 8, 2006). "December 2004."