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Altri autori (Persone)	YangGuohui
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Core-Shell Nanoparticles via a Facile Solution Method; The Stress-Strain Behaviors of High Density Aluminum Foam under Monotonic and Cyclic Loading; Transmittance Characteristics of ITO/SiO2/Nb2O5 Multi-Layered Film; Box-Behnken Design Based Statistical Modeling and Optimization of Cellulase-Assisted Microwave Extraction of Polysaccharide from Elaeagnus Angustifolia L.; Structure and Magnetic Properties Investigation of CoZr and CoZrN Thin Films
Electrical and Structural Properties of Multioriented Thin Film PZT Deposited at Room Temperature by RF-PVDAnalysis of Light Scattering Properties about Dent Nanoparticles upon Wafer; Effects of High Pressure Treatments on the Ripening of Hard Cheeses; Chapter 2: Research and Design in Mechanical Engineering; ADAMS-Based Simulation Study on Lateral Stability of Counterbalanced Forklift Trucks; Aeroelastic Tailoring of Oscillating Supersonic Wing with External Stores; Performance Analyses and Experimental Verification for the Clamping Mechanism of Die Casting Machine; SIP: Smart Insulin Pump Interactive Foot Orthosis (IFO) for People with Drop Foot Hydraulic System Design Research Based on Green Design; Implementation of ESD Protection for Output Driver ICs with SCR Circuits Techniques; Study on a New Evaluation Method of the Use Condition of Water Flooding; Comparison between Rankine Cycle and Trilateral Cycle in Binary System for Power Generation; Flow Field Analysis of a Horizontal Wave Flow Turbine Power Plant Based on FLUENT; Heat Transfer Enhancement Using Ultrasonic Waves in Presence of Liquid: A Basic Research for Cooling Electronic
Computational Fluid Dynamics Analysis for Flow Field of Radiator Air Intake in the Powertrain Compartment

Sommario/riassunto

Collection of selected, peer reviewed papers from the 2013 International Conference on Intelligent Materials and Mechatronics, (IMM 2013), November 1-2, 2013, Hong Kong, China. The 81 papers are grouped as follows: Chapter 1: Materials Science and Engineering Chemistry; Chapter 2: Research and Design in Mechanical Engineering; Chapter 3: Environmental Engineering; Chapter 4: Mechatronics, Automation and Robotics; Chapter 5: Computational Methods and Algorithms, Applied Information Technologies; Chapter 6: Related Themes