

1. Record Nr.	UNINA9910819846803321
Titolo	Sport, arts materials and management science : selected, peer reviewed papers from the International Conference on Sport, Arts Materials and Management Science (SAMMS 2012), May 4-6, 2012, Chongqing, China // edited by Wenjiang Du
Pubbl/distr/stampa	Durnten-Zurich : , : Trans Tech, , [2012] ©2012
ISBN	3-03813-822-3
Descrizione fisica	1 online resource (299 p.)
Collana	Advanced materials research, , 1022-6680 ; ; volume 507
Altri autori (Persone)	DuWenjiang
Disciplina	620.1
Soggetti	Materials science Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Sport, Arts Materials and Management Science; Preface, Committees and Reviewers; Table of Contents; Chapter 1: Technology of Materials and Chemistry; The Pollution Caused by Building Materials and the Strategy to Control it; Application of Composite Materials in Ball Sports Equipments; Based on the Main Factor Mathematical Method to Study on the Structure and Performance of Automobile Engine Oil Filter Materials; Based on a Linear Regression Method to Study the Fiber Diameter of Car Engine Oil Filter Materials The Effect of Impurity Atoms on the Structural and Electronic Properties of Au ₃ Clusters Researches on Fractal Features of Graphite Porous Materials; Research of Simultaneous Measurement of Temperature and Strain of Fiber Optic Cable Material; On the Characteristics of Acoustic Wire with Different Materials in the Music Playback; Effects of Bias on the Bonding Structure and Mechanical Property of a-C:H Films Deposited by MFPUMST; Magnetoresistance of Nanostructured Sr ₂ FeMoO ₆ /CeO ₂ Composites; Synthesis and Characterization of Ni/CNTs Electrodes and their Supercapacitors Performance Photonic Bandgap Properties of Photonic Crystal Fibers with the Triangular Nonair-Silica Structures Synthesis and Characterization of Novel Biological Active Material with Aroyl Urea; Adsorption of

Hydrogen Molecule on the Intrinsic and Al-Doped Graphene: A First Principle Study; Reducibility of $\text{La}_2\text{Mo}_2\text{-XGaxO}_9$ - Oxide-Ion Conductors; Correlation between Slurry Pore Former Content and Electrochemical Performance of Solid Oxide Fuel Cells with an Aqueous Tape Casted Anode; Research on Nano Materials Tennis Rackets; Density Functional Theory Study of $\text{Ti}_n\text{O}_{2n-m}$ Clusters ($n=1-4$, $m=0,1$) Study of the Application of Architectural Acoustic Materials in Sports VenuesChapter 2: Mechanical Engineering and Manufacturing Technology; Applied Research on Main Steam Temperature Control Based on Internal Model Control; Mathematical Model of Three-Phase Boost Converter; Geometric Error Analysis for Millimeter-Scale Machine Tool; Investigation on the Electromagnetic Interference of Four-Circuit Transmission Lines; Design and Application of New Testing Slots in the Tracking Control System; Material and Dynamics Analysis of Low-Temperature Superheater Pipe Bulging Accident in Utility Boiler Study on Anti-Supporting Ceiling Construction MethodThe Design and Application of the Ultra-Thick Abrasion Resistant Flux-Cored Wire; The Process Simulation Complex of Cell Phone Casing Model Injection Molding; Research on the Issue of LED's Cooling Based on Heat Conduction Equations; Green Construction Concept in Assessment System for Green Building; Design and Simulation Placement Optimization Problem of Multi-Surface Reflector of Street Lamps; How to Realize the Residential Building for Low Carbon Construction & Sustainable Development Experimental Study on the Oxygen-Enriched Co-Combustion of Sewage Sludge and Coal in CFB

Sommario/riassunto

These are the proceedings of the International Conference on Sport, Art Materials and Management Science (SAMMS) 2012, held on the 4 to 6th May, 2012, in Chongqing, China. The contents are divided into: Chapter 1: Technology of Materials and Chemistry; Chapter 2: Mechanical Engineering and Manufacturing Technology; Chapter 3: Mechanics, Mechatronics and Modeling. Review from Book News Inc.: This volume collects 58 papers from the International Conference on Sport, Art Materials and Management Science (SAMMS 2012), held in May 2012 in Chongqing, China. Engineers, scientists, industry managers,
