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Titolo	Advances in materials science : selected, peer reviewed papers from the International Conference on Advances in Materials (ICAM 2014), December 13-14, 2014, Shanghai, China // edited by Zou Jianxin
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Descrizione fisica	1 online resource (875 p.)
Collana	Advanced Materials Research, , 1662-8985 ; ; Volume 1088
Disciplina	620.1105
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.
Nota di contenuto	Advances in Materials Science; Preface, Technological Committees and Sponsors; Table of Contents; Chapter 1: Nanomaterials and Nanotechnologies; Application of the Nanostructured Carbon Coatings for Improvement of Functional Properties of Medical Polyurethanes; The Dispersion of MWCNTS in Acetone Solution of SAN; Removal of Paraquat from Aqueous Solutions Using Multi-Walled Carbon Nanotubes: Kinetic, Isotherm and Thermodynamic Studies; Effect of Nanostructured Oxide Coatings on Tensile Properties of Cast Pure Magnesium Multifunctional NaYF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> @Au Nanocomposites: Upconversion Luminescence, Temperature Sensing and Photothermal TherapyComparative Studies for the PAMAM/RE and HPAE/RE (RE=La, Nd, and Eu) Based on Molecular Dynamics Simulations; Facile Synthesis and Photocatalytic Properties of Mini Nanoparticle CdS Quantum Dots/Boron and Nitrogen Co-Doped TiO <sub>2</sub> Transparent Photocatalyst Emulsion; Nanomagnetic Particle Anchored to Monodispers Porous Microspheres for Pectinase Immobilization; Effect of Noble Metal Nanoparticles in SERRS Measurements of Water-Soluble Porphyrins In Situ TEM Manipulation and Property Study of Cd <sub>2</sub> Ge <sub>2</sub> O <sub>3</sub>

Nanowires Structures and Performances of PA6/PVA Nanofibers  
 Membranes from Electrospinning; A Simple Solvothermal Synthesis of  
 Spherical  $\text{Y}_2\text{O}_3\text{:Eu}^{3+}$ ; Antibacterial Potential of Silver Nanoparticles  
 Capped with Poly(4-styrenesulfonic acid-co-maleic acid) Polymer;  
 Chapter 2: Thin Films; Synthesis, Characterization and Thermal  
 Properties of  $\text{SiO}_2/\text{P}$ i Composite Film; Fabrication and Characterization  
 of Al/Ni Multilayer Films;  $\text{SiO}_2\text{ZrO}_2$  Thin Films as Low Temperature  
 $\text{NO}_2$  and  $\text{O}_3$  Sensors  
 Preparation and Characterization of  $\text{Cd}_{1-x}\text{Zn}_x\text{S}$  Thin Films with  
 Chemical Bath Deposition Synthesis and Characterization of Au-CdS  
 Composite Thin Films for Photoelectrochemical Sensing of  $\text{Hg}^{2+}$  Ions;  
 Highly Transparent Flexible Clay Film with Organized Polymer; Study on  
 Preparation and Surface Properties of Fluorinated Acrylate Hydrophobic  
 Polymer Film; Effect of Thermal Annealing on  $\text{La}_2\text{O}_3$  Films Grown by  
 Plasma Enhanced Atomic Layer Deposition; Chapter 3: Metal-Based  
 Materials, Alloys and Metallurgical Technology  
 Effect of Oxygen Content in Powders on Microstructure and Mechanical  
 Properties of WC-FeAl Composites Fabricated by Vacuum Sintering  
 Technique Influence of Chlorine Additives on Combustion Rate of  
 Pulverized Coal Injection; Friction Stir Processing of Cast Iron Using  
 Cermet Tool; Welding-Brazing Characteristic in Electron Beam Joining  
 Vanadium Alloy and Stainless Steel; Improvement of Wet Milled TiC-  
 FeAl Alloys; Application of Orthogonal Experiments Design to Optimize  
 Process Parameters in the Alloy Heat Treatment; Study on Clinching for  
 Similar and Dissimilar Titanium Alloy  
 The Effect of Enhanced Solution Treatment on Microstructures and  
 Properties of 6013 Type Aluminum Alloy

#### Sommario/riassunto

Collection of selected, peer reviewed papers from the International  
 Conference on Advances in Materials (ICAM 2014), December 13-14,  
 2014, Shanghai, China. The 167 papers are grouped as follows:  
 Chapter 1: Nanomaterials and Nanotechnologies; Chapter 2: Thin Films;  
 Chapter 3: Metal-Based Materials, Alloys and Metallurgical Technology;  
 Chapter 4: Crystallography, Chemical and Cathode Materials; Chapter  
 5: Polymers and Composite Materials; Chapter 6: Biomaterials and  
 Biotechnologies; Chapter 7: Materials and Technologies in  
 Environmental Engineering; Chapter 8: Building Materials and  
 Technologies

2. Record Nr.	UNISANNIOSBL0465240	
Autore	Venè, Gian Franco	
Titolo	Il capitale e il poeta : storia dei rapporti tra il capitalismo e la letteratura italiana dall'illuminismo a Pirandello / Gian Franco Venè	
Pubbl/distr/stampa	Milano, : Sugar, 1972	
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