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Titolo	Development of industrial manufacturing : selected, peer reviewed papers from the 2013 2nd International Conference on Sustainable Energy and Environmental Engineering (ICSEEE 2013), 28-29 December, 2013, Shenzhen, China // edited by Seung-Bok Choi, Fauziah Shahul Hamid and Liyuan Han
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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Development of Industrial Manufacturing; Preface and Conference Organization; Table of Contents; Chapter 1: Advanced Materials Research; An Environmentally Friendly Composite Composed of Short-Cut Grass and Starch; Effects of Mg17Al12 Precipitate on Corrosion Resistance of Al Ion Implanted AZ31 Magnesium Alloys; Environmental Friendly Conversion Coating Formed on Magnesium Alloys and its Anti-Corrosion Performance; Comprehensive Research into the Influence of Resin on Properties of Environmentally Friendly Water-Based Ink Enhanced Photocatalytic Activity of H-C-TiO2/Graphene Based on the Synergistic Effect between Surface Defects and Ti-C Bond Passivation Effect of Rare Earth Lanthanum on Galvanized Steel; Research on Controllable Synthesis of Magnesium Carbonate Tri-Hydrate; Influence of Alloying Element on Corrosion Behavior of Hastelloy C-276 in Supercritical Water; Self-Propagating High-Temperature Synthesis of Simulated 90SrO-Contained Radioactive Graphite in N2 Atmosphere; Study on Microcrystalline Chitin Cinnamon Nanoemulsion; Preparation of Ni-Co Alloy by Electrodeposition Progress of High Purity Magnesium Oxide Preparation The Preparation of Ordered Mesoporous Al2O3 and its Application in Ni-Based Catalysts for CH4/CO2 Reforming; Research on the Grinding Crack Causes and

the Preventive Measures of the Solid Carbide End Milling Cutter;  
Influences of Tennis Shoe Sole with Different Materials on Athletes'  
Movement; Promote the Development of Tennis through Applied New  
Macromolecule Polymer Material in Tennis Racket Design; Comparative  
Study on the Composites with Chopped Different Parts of Rice Straw as  
Raw Materials

The Sensitive Fluorimetric Method for the Determination of Curcumin  
Using the Enhancement of Mixing Micelle Eco-Friendly Synthesis of  
Sulphonic Acid Oxime Esters Catalyzed by 2-(1H-Benzotriazole-1-yl)-  
1,1,3,3-Tetramethyluronium Tetrafluoroborate; Effects of Heat  
Treatment on the Properties of Polyurethane/Clay Nanocomposites  
Paint; The Effect of pH and Heat Treatment on the Porous TiO<sub>2</sub>  
Nanostructures Derived from Triblock Copolymer Templating-  
Precipitation Technique of TiOSO<sub>4</sub> Solution

The Effect of Precursor Mixing Temperature during Precipitation  
Process on the Size of ZnO Nanoparticles and the Dispersion of  
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Equal Energy Absorption; Hydrothermal Synthesis Nano-SrTiO<sub>3</sub> Powder  
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Transparent Materials; Heat Capacities and Standard Molar Enthalpy of  
Formation of Butyl 4-Hydroxybenzoate (C<sub>11</sub>H<sub>14</sub>O<sub>3</sub>)  
Low-Temperature Heat Capacities and Thermodynamic Properties of a  
New Complex [Na(H<sub>2</sub>O)<sub>2</sub>]<sub>6</sub>[MoCo<sub>6</sub>O<sub>12</sub>(H<sub>2</sub>O)<sub>12</sub>]<sub>4</sub>·3H<sub>2</sub>O(s)

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#### Sommario/riassunto

Collection of selected, peer reviewed papers from the 2013 2nd  
International Conference on Sustainable Energy and Environmental  
Engineering (ICSEEE 2013), 28-29 December, 2013, Shenzhen, China.  
The 162 papers are grouped as follows: Chapter 1: Advanced Materials  
Research, Chapter 2: Design and Research of Machinery and  
Equipments, Chapter 3: Electric Vehicles, Chapter 4: Building Materials  
and Construction Technologies, Chapter 5: Heating, Air Conditioning  
and Refrigeration, Chapter 6: Control and Automation, Computer  
Applications and Computational Algorithms in Design and Research for  
Indust

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