1. Record Nr. UNINA9910826990303321

Titolo	Mechanical engineering, materials and information technology II : selected, peer reviewed papers from the 2014 2nd International Conference on Mechanical Engineering, Civil Engineering and Material Engineering (MECEM 2014), September 27-28, 2014, Wuhan, China / / edited by B. Xu and H.Y. Li
Pubbl/distr/stampa	Pfaffikon, Switzerland : , : TTP, , 2014 Enfield, New Hampshire : , : Trans Tech Publications Ltd, , [date of distribution not identified] ©2014
ISBN	3-03826-677-9
Descrizione fisica	1 online resource (290 p.)
Collana	Applied Mechanics and Materials, , 1662-7482 ; ; Volume 662
Disciplina	621
Soggetti	Mechanical engineering Information technology
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 at the end of each chapters and index.
Nota di contenuto	Mechanical Engineering, Materials and Information Technology II; Preface, Committees and Sponsors; Table of Contents; Chapter 1: Material Science and Chemical Engineering; Study on the Preparation Process of Photocatalysts by the Acidolysis of High Titanium Slag with Hydrochloric Acid; Preparation of Acrylated Epoxidized Soybean Oil with Excellent Properties; The Limy Composite Binder with the Use of the Synthesized Aluminosilicates; A New Geometric Model for Three-Dimensional Braided Composites; Dielectric Relaxation Measurements in La1.94Ba0.06Mo2-yWyO9- (y=0, 1.0) Oxide-Ion Conductors Mechanical Properties of Polypropylene Fiber Concrete after High TemperatureElectrospun Nanofibers for Fast Dissolution of Naproxen Prepared Using a Coaxial Process with Ethanol as a Shell Fluid; Study on Mg-Y-Mishmetal-Zr Alloy Melt Reaction; The Influence of Modified Polytetrafluoroethylene(PTFE) on the Properties of PA6/PTFE Blends; Experimental Study on De-Fluorinating by Adding Dilute Alkali in Wet Phosphoric Acid Extraction Organic Phase; Problems and

Countermeasures in the Application of the Fire Chemical Detection Equipment Based on Material Properties
Metal-Catalyzed Synthesis of a Monomethine CyanineEfficient Synthesis of DiAZT Triphosphate; Preparation of Bis-Functionalized 1,4-Diaminobutane Derivatives; Efficient Synthesis of Functionalized 3-Aminopropanols; Preparation of Adenosine-Containing Artificial Dinucleoside Triphosphates; The Factors Affecting the Surface Properties of W-Implanted H13 Steel; Synthesis and Photochromism Studies of 1-(2,5-Dimethyl-3-Thienyl)-2-[2-Methyl-5- Pyrenyl-3-Thienyl]Perfluorocyclopentene
Synthesis and Properties of 1-(2-Cyano-1,5-Dimethyl-4-Pyrryl)-2-{2-Methyl-[5-(4-Methylene-Hydroxyl)Phenyl]-3-Thienyl} PerfluorocyclopenteneSynthesis and Application of 1-[2-Methyl-5-Phenyl-3-Thiophene]-2-[2-Methyl-5-Phenyl-(4-Vinyl)-3-Thiophene] Perfluorocyclopentene; Synthesis and Properties Study of 1-(2,4-Dimethoxyl-5-Pyrimidinyl)-2-[2-Methyl-5-(3-Cyano)-3-Thienyl] Perfluorocyclopentene; Research on Photochromic Materials with Synthesis and Properties of 1-(2-Methyl-3-Benzothiophene)-2-[2-Methyl-5-(3-Cyanophenyl)-3-Thienyl]Perfluorocyclopentene
Synthesis and Properties Study of 1-[2-Methyl-5-(3-Trifluoromethyl) -3-Thienyl]-2-[2-Methyl-5-(9-Phenanthrene)-3-Thienyl] PerfluorocyclopenteneSynthesis and Properties of 1,2-Bis[2-Methyl-5-(9,9-Dihexyl-Fluorene)-3-Thienyl]Perfluorocyclopentene; Synthesis, Photochromism and Fluorescent Switch of 1-(2-Methyl-1-Benzofuran-3-Yl)-2-(2-Methyl-5-(4-Benzylazide)-3-Thienyl) Perfluorocyclopentene; Synthesis and Properties of 1-[2-Methyl-5-(3-Cyanophenyl)-3-Thienyl]-2-[2-Methyl-5-(4-Pentylphenyl)-3-Thienyl] Perfluorocyclopentene
Applied-Information Technology in Concentration Depth Profile of Multi-Charged Mo Ion Implantation

Sommario/riassunto

Collection of selected, peer reviewed papers from the 2014 2nd International Conference on Mechanical Engineering, Civil Engineering and Material Engineering (MECEM 2014), September 27-28, 2014, Wuhan, China. The 60 papers are grouped as follows: Chapter 1: Material Science and Chemical Engineering; Chapter 2: Construction and Environmental Engineering; Chapter 3: Machinery, Automation and Control; Chapter 4: Communication, Computational Algorithms and Applied Information Technology