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Altri autori (Persone)	XuB LiH. Y
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Nota di contenuto	Energy Material, Chemical Engineering and Mining Engineering; Preface and Committees; Table of Contents; Chapter 1: Energy Materials and Material Applications with Analysis of Material Properties; Study on Biomass Energy Materials - Briquetting Fuel and its Applications in Power Generation; Finite Element Analysis of Energy Saving Jointing Method Base on Energy Materials: Clinching; Design of Test Device for Carbon Dioxide Absorbents as Energy Materials Based on Pressure Sensor and Temperature Sensor; Study of Improving Cleanness on Master Alloy of Energy Material Study on CO2 Emission Constraint Based on New Energy Materials for Generation Permits Trade Magnetic Properties and Glass Forming Ability of Fe-B-Y-Nb-Zr Bulk Metallic Glasses; Environmental Performance of Fluorite Used to Catalyze MgO Reduction in Pidgeon Process; Study on Low-Temperature Oxidation's Endothermic Character of Coal with Comparative-Oxidation Method; Thermodynamic Research

of Inclusion Forming in FeSiB Alloy Based on Energy Materials; Neural Model of the Producing Process for Predicting Filtration Properties of Melt Blowing Nonwovens
An Analysis on Energy-Saving Generation Dispatch Considering Carbon Emission Limitation and the Development of New Energy Materials
Tribological Behavior of Ball-Milled Expanded Graphite/B Powders in a High-Energy Mill; Chapter 2: Chemical Engineering; Preparation and Properties of Magnesium Based Hydrogen Storage Alloy Mg2NiH4 in Chemical Engineering; Effect of Stabilizer and Molding Technics in Chemical Engineering on the Stabilization of Sulfate Rich Soil
Determination of -Sitosterol with Chemical Course and Material Applications in Jatropha Seed Oil by High Performance Liquid Chromatography A Kinetic Study on the Degradation of Erythromycin A in Acetone Solution with Chemical Technology; Extraction of Phytosterols from Jatropha Seed Oil by the Saponification and Acid Hydrolysis Method in Chemical Engineering; The Application of ZR-Catalyst on Synthesis of Polyethylene in Chemical Engineering; The Research of Active Carbon on the Application of N-propyl Alcohol Reaction in Chemical Engineering
The Study of Dimethyl Maleate CP Synthesis by Strong Acid Cation Type in Chemical Engineering The Study of Epoxidation of Allyl Chloride Catalyzed by Silica-Based HTMS-3A in Chemical Engineering; The Study of Iron Catalyst for Ammonia Synthesis in Chemical Engineering; The Study of Methyl Isobutyl Ketone (MIBK) Synthesis by Acetone in Chemical Engineering; Preparative Separation of Xanthophylls from Corn Gluten Meal by Macoroporous Adsorption Resins in Biochemical Engineering; Effect of Antimony on the Corrosion Resistance of Steel in Acid Solution with High Chloride Concentration
The Discharge Characteristics of PEO Films in K2ZrF6 with NaH2PO4 Electrolyte

Sommario/riassunto

These are the proceedings of the 2012 International Conference on Energy Materials, Chemical Engineering and Mining Engineering (EMCEM2012). The objective of the conference was to provide a forum where researchers in various fields, especially materials-related ones, could exchange their findings. The fulfillment of that objective is amply proved by the contents. Review from Book News Inc.: Selected and peer reviewed, 41 papers take up the three areas in turn. The topics include the design of test devices for carbon dioxide absorbents as energy materials based on pressure sensors and temperature