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Titolo	Green building materials and energy-saving construction : selected, peer reviewed papers from the 2011 International Conference of Green Building Materials and Energy-saving Construction (GBMEC 2011) will be held on August 6, 2011 in Harbin, China / / edited by Zhenyu Du and Zheng Wang
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ISBN	3-03813-620-4
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Collana	Advanced materials research, , 1022-6680 ; ; volume 280
Altri autori (Persone)	DuZhenyu WangZheng
Disciplina	624
Soggetti	Building materials - Environmental aspects Buildings - Environmental engineering Electronic books.
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Green Building Materials and Energy-Saving Construction; Preface, Sponsors and Committees; Table of Contents; Effects of K2HPO4 on Fermentative Biohydrogen Production of Biohydrogenbacterium R3 Sp. nov.; Effect of Glutinous Rice Paste on Compressive Strength of Lime-Stabilized Soil; An Experimental Comparison of Compressive Strengths of Soils Stabilized with Enzyme and Ground Quicklime; Research on the Corrosion Resistance of Manganese Slag Cement Stabilized Macadam Base; Research on Residential District Energy-Saving Plan of Villages and Small Towns Administering and Comprehensive Utilization of Ash and Slag in Utility HoilerImpact of Rubber Particles on Heat-Shielding Property of Bridge Deck Pavement; The Parameter Assessment for Concrete Mixing Slag Powder Performance of Anti-Sulfate Erosion; 3B Rapid Transit: Yangzhou's Ecology-Based Urban Development Research; The Optimum Road Length in the Container Port; An Analysis on the Energy Conservation and Environmental Protection Facilities in Shanghai Expo;

Application of a New Asphalt Pavement Maintenance Agent on Yuhe Road of Chongqing; Energy-Saving Measures of Architectural Design The Holistic Urban Planning Approach of Urban Sustainable DevelopmentA Review of Construction Waste Treatment in China; Sulfate Resistance of Concrete under Restrained Condition; Analysis for Energy Savings Potential and Economics of Combined Air-Conditioning System with Temperature and Humidity Decoupled Treatment; Study on Fracture Toughness of Cement Treated Aggregate; Study on the Optimization of Depth-Span Ratio Design for Continuous Rigid Frame Bridge Girder; Implementing Sustainable Management in Construction Industry; Using Renewable and Recyclable Materials in Planning Green Building

On Natural Coloration of Concrete in Power Plant ConstructionResearch on Planning for Streetscape along National Highway; Building Energy Consumption Prediction Evaluation Model; How to Operate Energy-Saving Technologies of the Classroom in Hot Summer and Cold Winter Zone; Analysis of Energy-Saving Design of Glass Curtain Wall in the Terminal; Ecological Design Strategies and Feasibility Analysis on Structure of Mobile Building in the Mountain Area; Research on Influence Factors of Cooling Tower Performance

Synthesis of N-(3-Rosin Acyloxy-2-Hydroxyl) Propyl-N,N-Diethanolamine and its Anti-Fungal ActivityExperimental Research of Testing Methods for Vibration Characteristics; Numerical Simulation and Analysis on the Heat Transfer of the Vertical Ground Heat Exchanger in Hydrous Soil; Application on the Stratified Air Conditioning System with Low Velocity in the Main Hall of the Temple; Study on Energy-Saving Renovation of Existing Heating Masonry-Concrete Residential Buildings; Experimental Study on Frost Resistance Durability of Concrete with Intensified Recycled Aggregates

Study to Wood Electromagnetic Shielding Composites Laminated with Aluminum Plates

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#### Sommario/riassunto

This collection of peer-reviewed papers, on new research results in green building materials and energy-saving construction, brings together industrial and academic researchers, developers and users from around the world to - in effect - share their state-of-the-art results, to explore new areas of research and development and to discuss the emerging issues facing green building materials and energy-saving construction. Review from Book News Inc.: This collection of fifty-five articles on green building construction, representing the proceedings of the 2011 International Conference of Green Bu

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