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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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Altri autori (Persone)	DuZhenyu WangZheng
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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 K ₂ HPO ₄ 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 Development
A 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 Construction
Research 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 Activity
Experimental 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

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
