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Collana	Advanced materials research, , 1022-6680 ; ; volume 224
Altri autori (Persone)	WuXingkuan XieHao
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Green Building Technologies and Materials; Organizing Committee and Preface; Table of Contents; Factors Influencing Bonding Strength of Geopolymer-Aggregate Interfacial Transition Zone; A Text Mining Analysis of the Fly Ash Research Trend (2000-2010); Discussion on Guidance Space and Mediation Space Environment Design in Cinema; Application of Non-Structural Fuzzy Decision Method in Selection of Partners; Gas Diffusivity in Fractal - Characterized Porous Materials; Appropriate Sustainable House Design for China's Countryside Transformation of Traditional Industrial Regions into Campus in Sustainable Way Ecological Agriculture Technology in Urban Agriculture; Test and Research of Solar Water Heating System on High-Rise Residences; Wind Design Practice for High-Rise Residential Districts in Liaoning Coastal Cities; The Study of Method Preparing Golden Yellow Melted Glass and its Optical Performance; The Mode Study on Digital Network Technology and Interior Design; Morphology and Electrical Characteristics of (PEO) <sub>10</sub> LiClO <sub>4</sub> Electrolyte with Nanosized CeO <sub>2</sub>

Properties of Flexible Fiber and Rigid Fiber Reinforced Cement Concrete Used on Surface Layer of Wharf Pavement  
Energy-Efficient Land-Saving and Low-Carbon Art of Dwelling Environment - Research from the Underneath Type Earth Cave Dwelling in Bai She Village, San Yuan County of Shaanxi Province; The Regeneration and Sustainability Development Study on Traditional Residential Building in Qinba Mountain Regions; Wood in Architecture: Rediscover the Material of Our Time; Research on the Reaction Condition and Process of Microcapsules via In Situ Polymerization  
Research on New Technology of Energy Efficient Buildings and Utilization of Renewable Energy Sources  
Preliminary Exploration of the Appropriate Technologies of Ecovillage in Germany - Taking Bramwich Ecovillage in Hamburg as an Example; Smart and Cool Home in Malaysia; Cooltek House in Malaysia; Applying Modular Greening Technology in Living Walls of Shanghai Expo; Air Permeability of Concrete by Thenoz Method; The Research on the Sustainable Development of Chinese Rural Cultural Architecture; Long Age Mechanical Properties and Application of Self-Compacting Concrete  
Analysis on the Optimal Subsidy Strategy of Government in Green Supply Chain  
Multicriteria Evaluation of the Selection of Green Glazing Material by Using the Analytic Hierarchy Process (AHP); Research on Evaluation System of Green Building in China; Research on Construction for Sustainable Housing Based on the Whole Life Cycle; Continuum Method and Effect Analysis of Energy Dissipation System for High-Rise Shear-Wall Structure; A Study on the Luminance of Landscape Lighting of Chinese Classical Architectures Based on Mesopic Vision  
Discussion on Humidity Environment Passive Adjustment Methods in Hot Summer and Cold Winter Zone

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Sommario/riassunto

A major goal of this special collection of 47 peer-reviewed papers was to gather together the current knowledge of academic scientists, engineers and industrial researchers and have them share their experiences and research results concerning every aspect of green building technologies and materials, and discuss the practical challenges encountered and the solutions adopted. An interesting guide to this increasingly relevant subject. Review from Book News Inc.: The 47 papers selected for the May 2011 conference are primarily written by Chinese academics and reflect China's ongoing efforts to i

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