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A Study of the Relationship between China's Energy Consumption for Environmental Protection and Economic GrowthResearch on Water Quality and Environmental Protection Based on Environmental Materials and Economic Change Impacts in Guanzhong Area of Weihe River in Recent Three Decades; Thermal Hazards Evaluation on the Manufacturing of LPO by DSC for Environment Protection in Material Engineering and its Application; Study on On-Road Emission Characteristics of Gasoline Passenger Cars Fueled with Butanol-Gasoline Blends for Environmental Protection
Treatment Dyeing Organic Wastewater by Titanium Dioxide Prepared with Ion Liquids for Environmental ProtectionStudy of the Pollution Cleaning Technology on Water Systems of Floor Heating Central Air Conditioning with Environmental Materials; Factors Influencing the Reductive Removal of Cr(VI) by Zero-Valent Iron Materials in the Presence of Humic Acid; Research on Reverse Osmosis Membrane Materials for Seawater Desalination; Preparation of Mesoporous Carbon Membranes for Ultrafiltration with Properties of Environmental Materials; Chapter 2: Materials Engineering and Material Application Laboratory Studies on Evaluation of Gasification Effect for Conversion of Coal Resources in Underground Coal Gasification (UCG) Reactors

Sommario/riassunto

The proceedings of the International Conference on Environmental Science and Material Application (ESME2012), held on the 13 and 14 th October 2012 in Beijing, China, are arranged under the headings of: Environmental Resources, Environmental Materials and Environmental Protection; Materials Engineering and Materials Applications. Review from Book News Inc.: About a third of the 61 papers consider environmental issues and applications of advanced materials to address them; the others survey miscellaneous applications. The topics include the carrying capacity of outdoor environmental resources a