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Collana	Advanced materials research, , 1022-6680 ; ; volume 281
Altri autori (Persone)	DuZhenyu LiChengbin
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Environment Materials and Environment Management, EMEM2011; Preface, Sponsors and Committees; Table of Contents; Comparison of the Effectiveness of Enzyme and Portland Cement for Compressive Strengths of Stabilized Soils; Analysis on Supervision System of Dairy Public Safety in China; Corrosion Inhibition of Aluminium Anode by CeCl <sub>3</sub> in Simulated Seawater; Investigation of Lead and Cadmium Content of Plant Leaves along a Ring Road in Beijing; Effects of Natural Organic Acids on Growth of Maize and Uptake of Chromium by Maize in Chromium Contaminated Soil Plant Invasions in China: What Can we Learn from the Checklists of Alien Invasive Plants during 1998-2008?The Treatment of Synthetic Organic Wastewater in a Novel Internal Circulation Impinging Stream Biofilm Reactor; Study on Biological Sand Filtration System and Conventional Water Treatment in Micro-Polluted Source Water; Studies on Micro-Polluted Source Water Treatment by Ozone Combined Processes; Research on the Safety of Coal-Fired Power Plants Based on

Entropy Weight and Fuzzy Comprehensive Evaluation; Cyclic Economy Eevel Evaluation for Thermal Power Plant Based on System Analysis Matlab for Forecasting of Energy Consumption Based on BP Neural NetworkBiodegradable Composites from Pinewood Sawdust and Polyvinyl Alcohol Adhesives; Influence of Soil Organic Carbon and Total Nitrogen of Soil under Different Plant Communities in Central Yunnan; Research on the Relationship between Economic Development and Environmental Quality Based on Environmental Kuznets Curve; Modeling the Impact of Environmental Subsidies on Entry and Exit Infrastructure Projects; Influence of Particle Size and Temperature on Gasification Performance  
Foreign Direct Investment and its Effect on Self-Reliant Innovation in JiangxiInfluence of Catalyst and Temperature on Gasification Performance; Fermentation Properties of Waste Activated Sludge in an Enriched NO<sub>3</sub>--N System; Enhanced Nitrogen Removal of Low C/N Wastewater in a Subsequent Denitrifying Reactor Fed by Endogenous Carbon Source Generated from Primary Sludge Fermentation; Preparation of Polyaniline Nanotubes and its Electrocatalytic Behaviors; Management of City Solid Waste in China; Current Situation and Main Pollution Sources of Rural Water Environment in China Biodegradability of Acrylic Retanning Agent DT-R548 with Medium and Large Relative Molecular WeightForbidden of Polybromodiphenyl Ether Fire Retardant and Current Situation of its Substitutions; Microwave Assisted Synthesis of CuO Nanostructures in Lonic Liquids; Study on the Startup of Internal Circulation Anaerobic Reactor in Treating Juice Wastewater; Calculation and Analysis of the Water Environment Capacity for the Yuanhe River in Jiangxi Province, China; The Hydrolysis of Gelatin and its Treatment for Waste Drilling Fluid  
Modification of SNTERM Albedo Algorithm and Response from Black Carbon in Snow

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#### Sommario/riassunto

This collection consists of new research results in advanced mechanical engineering. It brings together industrial and academic researchers, developers, and users from around the world in the form of their shared state-of-the-art results: exploring new areas of research and development, and discussing the emerging issues facing environmental materials and management. An invaluable guide to the topic. Review from Book News Inc.: Off the 200 papers submitted for the conference, 67 were selected for presentation and publication. Among their topics are biological sand filtration systems and conven

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