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Collana	Advanced materials research, , 1022-6680 ; ; volume 281
Altri autori (Persone)	DuZhenyu LiChengbin
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Soggetti	Environmental protection Materials - Environmental aspects Environmental engineering - Materials
Lingua di pubblicazione	Inglese
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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 ₃ 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 NO₃--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 Ionic 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 SN THERM Albedo Algorithm and Response from Black
Carbon in Snow

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
