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Compartment Electrolytic Cell and Ti-PbO2 Anode
Electronic Structures and Density of States of Borides AB(A=Zr,Hf,Nb and Ta) Environmental-Friendly Soy Protein Isolate/Poly (Vinyl Alcohol) Blend Packaging Films: Water Vapor Permeability; Fabrication and Mechanical Properties of Double-Shell Thermal Energy Storage Microcapsules Applied as Environmental Temperature-Controlling Materials in Building; Facile Fabrication of Taper-Like BiVO4 Nanorods with High Photocatalytic Property under Sunlight Irradiation; Immobilized Bio-Beads with Activated Carbon Fiber for Removal of Benzene
Inactivation of Escherichia Coli on Titanium Dioxide Photocatalysis Nanoparticles Influence of Doping on Structure and H2 Sensitivity of Nano-SnO2; Modification of Activated Carbon From Sewage Sludge to Improve Desulfurization With -Al2O3; Nitrification in Vertical Flow Constructed Wetlands with Different Substrate and COD: N Ratio ; Polyurethane MicroPCMs Containing N-Octadecane Applied in Building Materials Synthesized by Interfacial Polycondensation: Thermal Stability and Heat Absorption Simulation; Preparation and Characterization of Al-Pillared Rectorite
Preparation and Characterization of Cu1-xKxFe2O4 Fibers and the Catalytic Activity for Diesel Engine Exhaust Removal Preparation and Characterization of Polyurethane Rigid Foam/Expanded Perlite Thermal Insulation Composites ; Preparation and Characterization of Tourmaline/TiO2 Composite Particles Material; Preparation and Performance of Ag+-Zn2+-Zeolite Antimicrobial and Antibacterial Plastic; Preparation of Expanding Vermiculite by Chemical and Microwave Methods; Preparation of Phase Change Building Materials Preparation of Tourmaline Composite Materials and its Property of Far Infrared Radiance

Sommario/riassunto

This collection aims to promote increased international research and academic communication in the field of ecological environment-functional materials and ion technology. It focuses on the theory of ion-technology industries, industrialization of ion processing and the development of ecological environment-functional materials. Most of the papers concentrate on the topics of: (1) Academic Frontier of Ecological Environment Functional Materials and Ion Technology; (2) Testing Technology and Evaluation Method of Ecological Environment Functional Materials; (3) University Education in Ecologica