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Descrizione fisica	1 online resource (507 p.)
Collana	Applied mechanics and materials ; ; volume 469
Altri autori (Persone)	OuyangYun
Disciplina	664.09
Soggetti	Packaging Aluminum in packaging
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Research on Food Packaging Technology; Preface and Committees; Table of Contents; I. Functional Food Packaging Materials Technology; Preparation and Property Study of Core-Shell Ambient-Temperature Crosslinkable Polyacrylate Binder; Study on Europium Polymeric Fluorescent Material and Paper-Based Screen Printing Fluorescent Security Ink; Preparation and Study on Temperature-Resistance Environment-Friendly Ink Based on Natural Pigment and Soybean Oil; Synthesis and Characterization of Fluorine-Modified Acrylate Resin Used in Water-Based Ink; Research on Formula of Cyan UV Inkjet Ink Research on the Adhesion of Water-Based Ink on UV VarnishResearch on Adherence of Plastic UV Frosted Ink; Preparation of Color Paste of UV Ink-Jet Ink; Study on the Covering Property of White Water-Based Flexo Ink; Study on Temperature Control Microcapsule Drying Agent Applies to Water-Based Gravure Ink; Research on the Conductivity of UV-Curable Conductive Ink; Study on the Luminescent Property of Fluorescent Inkjet Ink Based on Additive Color Imaging; Preparation, Structure and Properties of High Performance Silver-Filled UV-Curable Polyurethane Acrylate Conductive Inks

Study on Anti-Friction Performance of Water-Based Flexographic Ink; Effect of Monomer on Performance of UV-LED Inkjet Ink; Research on Edible Inkjet Ink; Syntheses and Spectral Properties of Tetra-(4,4-Dimethyl-Phenyl) Dithiolene Nickel Complex; Preparation of the Microfibrillated Cellulose and its Application in the Food Packaging Paper; Research on the Whiteness of Eye-Protection Wrapping Paper; Surface Sizing Aided Effect on the Printing Performance of Decorative Base Paper

Effect of Process Factors on TiO<sub>2</sub> Loading Rate of Wooden Activated Carbon Fibers Loaded TiO<sub>2</sub> as Packaging Sterilization Material; Effect of Silica on the Properties of Bagasse Pith Cushioning Packaging Materials (BPCPMs); Preparation, Characterization and Properties of Biodegradable GO/PPC Composites; Effect of Spinning Process on the Absorption Performance of Wooden Activated Carbon Fiber for Methylene Blue; Antimicrobial Effects of Cinnamon and Rhubarb Extracts; Research on Electrospinning of Cellulose Acetate Prepared by Acetone /DMAc Solvent

Study of Antibacterial Fresh-Keeping Films Based on LDPE/ Nano-ZnO and LDPE/ Nano-Silver Materials; Effect of Preparation Conditions on Property of LDPE Modified Atmosphere Packaging Film of Fruit and Vegetable; Antioxidant and Antimicrobial Properties of Chitosan-PE Bi-Layer Films by Incorporating Oregano Essential Oil; Research on Fracture Surface Morphology and Tensile Properties of Cellulose-Based Green Food Packaging Membrane Materials; Effect of Density and Ambient Temperature on Coefficient of Thermal Conductivity of Heat-Insulated EPS and PU Materials for Food Packaging

Preparation and Characterization of Corn Starch-Nanodiamond Composite Films

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#### Sommario/riassunto

Collection of selected, peer reviewed papers from the 2013 China Academic Conference on Food Packaging, November 23-25, 2013, Tianjin, China. The 100 papers are grouped as follows: Chapter 1: Functional Food Packaging Materials Technology; Chapter 2: Food Packaging Design; Chapter 3: Packaging Decoration Printing; Chapter 4: New Process and New Machinery in Food Packaging; Chapter 5: Food Packaging Safety Detection; Chapter 6: Food Packaging Logistics Management and Traceability Technology. The themes of the conference and proceedings are functional food packaging materials technology, food packaging.

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