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| Altri autori (Persone) | ChenShuang<br>LiuZhao-Tie<br>ZengQungzhu |
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| Nota di contenuto | Advances in Chemistry Research II; Preface and Conference Organization; Table of Contents; Chapter 1: Supermolecular Chemistry and Crystal Engineering; Site Preference of Refractory Elements in Ni-Based Single-Crystal Superalloys Alloying with Ru: From First Principles; Study on the Structure and Properties of Polyvinyl Pyrrolidone/ Polyamide 6 Blends; Effect of Concentration of Iron Oxide on Crystallization Behavior in Leadless Iron Oxide Crystalline Glaze; Amplified Spontaneous Emission from the Oriented NK-2014-Doped Nematic Liquid Crystal Layer<br>Study on the Supramolecular Interaction of Dibenzoyl Peroxide(BPO) and ß-Cyclodextrin(ß-CD) by Spectrophtometry and its Analytical ApplicationKinetics of Potassium Dihydrogen Phosphate Single-Crystal Growth Mapped by the Chemical Bond Simulation; Study on the Effect of Magesium Ion on the Crystal Phase of Calcium Carbonate; Controllable Fabrication of Layer Structures by Self-Assembled Perylene |

Derivative; Mesomorphism of Hexa-Peri-Hexabenzocoronene Discotic Liquid Crystals with Odd-Carbon Alkyl Chains
Depressions of Urinary Crystallites: A Direct Proof of Citric Acid Dissolving Calcium Oxalate Stones in VivoPreliminary Study of Refined Naphthalene Production with Fractional Crystallization; Crystal Structure of 3-(5-Acetyl-2-Aminothiazol-4-Ylthio)- 4-Hydroxypentan-2-one; Synthesis and Properties of Dendrimer Liquid Crystal Based on Ester and Ether of Gallic Acid; First Principles Investigations on the Supramolecular Structure of 1,5-Diaminotetrazole; Effect of O2 Flow Rate on the Morphological and Optical Properties of ZnO Nanocrystals Study on Crystallization Behavior in (Cu60Zr30Ti10)98Y2 Bulk Metallic Glass by Differential Scanning Calorimeter (DSC)Synthesis and Characterization of Small Crystals NaY Zeolite with High Silicon; Synthesis of 1,2,13,14-Four Carboxyl-24-Crown-8; Chapter 2: Polymer Chemistry; Synthesis and Evaluation of a Novel Retarded Acid Additive; N-Alkyl PPTA: Preparation and Characterization; Synthesis, Characterization and Flame Retardancy of Two Novels Amino Phosphate; Synthesis and Properties of Waterborne Polyurethane Emulsions Using in Printing Ink
Research on Low Temperature Elastic Recovery Property of a Novel Poly (ester-Imide-Ether) Based on N-(4-Carboxyphenyl) Trimellitimide UnitSynthesis, Characterization and Application of Multi-Generations Hyperbranched Polyurethane Based on Isophorone Diisocyanate; Study on the Synthesis and Properties of Biodegradable Waterborne Polyurethane; The Primary Study on Polyester/ Polypropylene Sound-Absorption Nonwoven Fabric; The Performance of Polyether Modified Polysiloxane; Effect of Carrier on the Structure and Performance of Polyphenylene Sulfide Fiber
Preparation of a Novel Prepolymer of Polyurethane Acrylate

Sommario/riassunto

This compilation of 423 peer- reviewed papers is divided into chapters: Supermolecular Chemistry and Crystal Engineering; Polymer Chemistry; Physical Chemistry of Solid Surface and Catalysis; Electrochemistry; Inorganic Materials; Chiral Catalysis and Organic Synthesis; Food Chemistry; Food Flavor Chemistry and Food Sensory Science; Theoretical and Computational Chemistry; Chemical Biology and Medicinal Chemistry; Analytical Chemistry and Environmental Chemistry. The contents will interest a wide range of researchers in many fields of chemistry. Review from Book News Inc.: The first volume of