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Altri autori (Persone)	ChenShuang LiuZhao-Tie ZengQungzhu
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Nota di contenuto	Advances in Chemistry Research II; Preface and Conference Organization; Table of Contents; Chapter 1: Supramolecular 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 Study on the Supramolecular Interaction of Dibenzoyl Peroxide(BPO) and β -Cyclodextrin(β -CD) by Spectrophotometry 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
