

Highlights

Cross-Coupling

F. Glorius and C. Wang

Controlled Iterative Cross-Coupling: On the Way to the Automation of Organic Synthesis

Gas Bubbles

W. Drenckhan

Generation of Superstable, Monodisperse Microbubbles Using a pH-Driven Assembly of Surface-Active Particles

Reviews

Cascade Reactions

I. Vilotijevic and T. F. Jamison

Epoxide-Opening Cascades in the Synthesis of Polycyclic Polyether Natural Products

Communications

Colloidal Assembly

E. Kumacheva et al.

A Microfluidic Approach to Chemically Driven Assembly of Colloidal Particles at Gas–Liquid Interfaces

Protein Delivery

K. Kataoka et al.

Charge-Conversional Polyionic Complex Micelles—Efficient Nanocarriers for Protein Delivery into Cytoplasm (Cover Picture)

DNA on Chiral Surfaces

T. Sun, L. Chi et al.

Selective Adsorption of DNA on Chiral Surfaces: Supercoiled or Relaxed Conformation

Microporous Frameworks

Z.-M. Su, E.-B. Wang et al.

Bottom-Up Synthesis of Porous Coordination Frameworks: Apical Substitution of a Pentanuclear Tetrahedral Precursor

Polymer Brushes

W. M. de Vos et al.

Ultradense Polymer Brushes by Adsorption

Total Synthesis

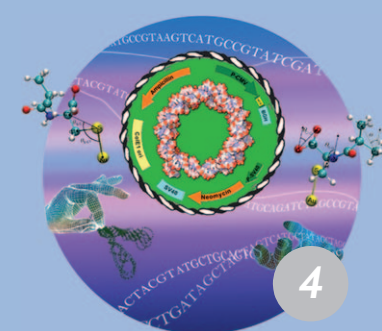
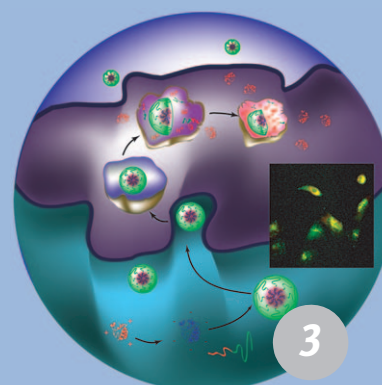
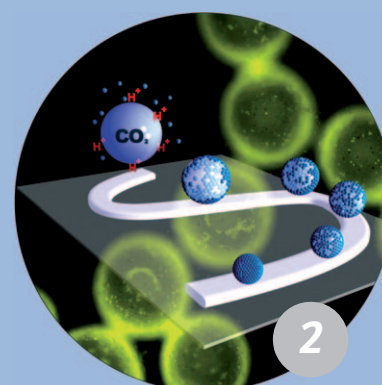
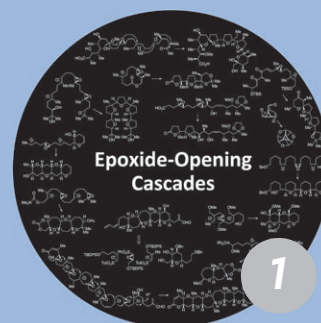
T. F. Jamison and J. D. Trenkle

Macrocyclization by Nickel-Catalyzed, Ester-Promoted, Epoxide–Alkyne Reductive Coupling: Total Synthesis of (–)-Gloeosporone

Borylation

Z. Lin, T. B. Marder et al.

A Facile Route to Aryl Boronates: Room-Temperature, Copper-Catalyzed Borylation of Aryl Halides with Alkoxy Diboron Reagents



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