

Highlights

Carbene Polymerization

A. F. Noels

Carbene Chemistry: Stereoregular Polymers from Diazo Compounds

Minireviews

RNA Switches

H. Schwalbe, J. Wöhnert et al.

Structures of RNA Switches: Insight into Molecular Recognition and Tertiary Structure

Reviews

Magnetic Nanoparticles

F. Schüth et al.

Magnetic Nanoparticles: Synthesis, Protection, Functionalization, and Application

Communications

Nanotransport Systems

R. Haag et al.

Supramolecular Aggregates of Dendritic Multishell Architectures as Universal Nanocarriers **(Cover Picture)**

Coordination Chemistry

P. Kögerler, L. Cronin et al.

Structural and Compositional Control in $\{M_{12}\}$ Cobalt and Nickel Coordination Clusters Detected Magnetochemically and with Cryospray Mass Spectrometry

Protein Aggregation

A. Kapurniotu et al.

IAPP Mimic Blocks A β Cytotoxic Self-Assembly: Cross-Suppression of Amyloid Toxicity of A β and IAPP Suggests a Molecular Link between Alzheimer's Disease and Type 2 Diabetes

Musk Odorants

O. Knopff et al.

Enantioselective Intramolecular Aldol Addition/Dehydration Reaction of a Macrocyclic Diketone: Synthesis of the Musk Odorants (*R*)-Muscone and (*R,Z*)-5-Musconone

Bioassays

G. M. Whitesides et al.

Patterned Paper as a Platform for Inexpensive, Low-Volume, Portable Bioassays

Asymmetric Catalysis

P. S. Schulz, P. Wasserscheid et al.

Effective Chirality Transfer in Ionic Liquids through Ion-Pairing Effects

