

Highlights

Hydrogen Storage

T. B. Marder

Will We Soon Be Fueling our Automobiles with Ammonia–Borane?

Minireviews

Molecular Machines

A. Mateo-Alonso, D. M. Guldi,
F. Paolucci and M. Prato

Fullerenes: Multitask Components in Molecular Machinery

Reviews

Fibrillization

I. W. Hamley

Peptide Fibrillization

Communications

Metal–Organic Frameworks

J. Kim et al.

Crystal Structure and Guest Uptake of a Mesoporous Metal–Organic Framework Containing Cages of 3.9 and 4.7 nm in Diameter (Cover Picture)

Acetylene Complexes

I. Krossing, W. Scherer et al.

Homoleptic Silver(I) Acetylene Complexes

Aqueous Silicates

S. D. Kinrade et al.

The Structure of Silicate Anions in Aqueous Alkaline Solutions

Polyketide Biosynthesis

J. Piel et al.

Biosynthesis of the Antibiotic Bacillaene, the Product of a Giant Polyketide Synthase Complex of the *trans*-AT Family

Natural Products

S. A. Snyder et al.

Total Synthesis of Resveratrol-Based Natural Products: A Chemoselective Solution

Cluster Compounds

D. Fenske et al.

Molecular Structure and Theoretical Studies of $(\text{PPh}_4)_2[\text{Bi}_{10}\text{Cu}_{10}(\text{SPh})_{24}]$

Cascade Reactions

S. L. Schreiber and T. Luo

Complex α -Pyrones Synthesized by a Gold-Catalyzed Coupling Reaction

