

Highlights

Hydrogenase Modeling

C. Mealli and T. B. Rauchfuss

Models for the Hydrogenases Put the Focus Where It Should Be—Hydrogen

Crystalline Molecular Machines

M. A. Garcia-Garibay

Molecular Crystals on the Move: From Single-Crystal-to-Single-Crystal Photoreactions to Molecular Machinery

Reviews

Chirality Amplification

E. W. Meijer and A. R. A. Palmans

Amplification of Chirality in Dynamic Supramolecular Aggregates

Communications

Anticancer Agents

G. Natile et al.

Interaction between Platinum Complexes and a Methionine Motif Found in Copper Transport Proteins (**Cover Picture**)

Lithography

E. L. Thomas, P. S. Doyle et al.

A Route to Three-Dimensional Structures in a Microfluidic Device: Stop-Flow Interference Lithography

Microfabrication

D. A. Weitz et al.

Controllable Monodisperse Multiple Emulsions

Organometallic Macrocycles

I. Manners et al.

Organometallic Macrocycles and Cyclic Polymers by the Bipyridine-Initiated Photolytic Ring Opening of a Silicon-Bridged [1]Ferrocenophane

Drug Design

G. Klebe et al.

KNOBLE: A Knowledge-Based Approach for the Design and Synthesis of Readily Accessible Small-Molecule Chemical Probes To Test Protein Binding

Gold Nanostructures

I. Pastoriza-Santos, L. M. Liz-Marzán et al.

Chemical Sharpening of Gold Nanorods: The Rod-to-Octahedron Transition

Biosensors

J. Wang et al.

Ultrasensitive Label-Free Aptamer-Based Electronic Detection

