

## Highlights

### Porous Materials

N. Hüsing

Cluster-Based Holey Semiconductors

### Boron–Boron Double Bonds

D. Scheschkewitz

A Base-Stabilized Neutral B=B Bond:  
Closing a Gap by Filling the Void

## Minireviews

### Electrochemical Water Purification

C. A. Martínez-Huitle and E. Brillas

Electrochemical Alternatives for Drinking  
Water Disinfection

## Reviews

### Catalytic Chain Transfer

T. J. Marks and S. B. Amin

Versatile Pathways for In Situ Polyolefin  
Functionalization with Heteroatoms:  
Catalytic Chain Transfer

## Communications

### Supramolecular Chemistry

A. Tsuda, T. Aida et al.

Directed 1D Assembly of a Ring-Shaped  
Inorganic Nanocluster Templated by an  
Organic Rigid-Rod Molecule: An  
Inorganic/Organic Polypseudorotaxane  
(Cover Picture)

### Self-Assembly

J. van Esch et al.

Preparation of Nanostructures by  
Orthogonal Self-Assembly of  
Hydrogelators and Surfactants

### Conducting Nanomaterials

F. Zamora, J. Gómez-Herrero, T. Torres  
et al.

Highly Conductive Supramolecular  
Nanostructures of a Covalently Linked  
Phthalocyanine–C<sub>60</sub> Fullerene Conjugate

### Asymmetric Catalysis

S. E. Denmark and W.-j. Chung

Lewis Base Activation of Lewis Acids:  
Catalytic Enantioselective Glycolate Aldol  
Reactions

### C–H Functionalization

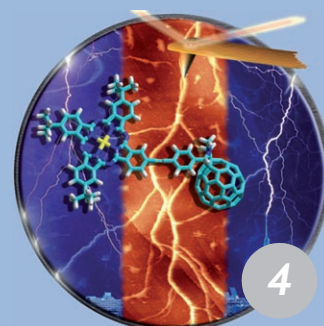
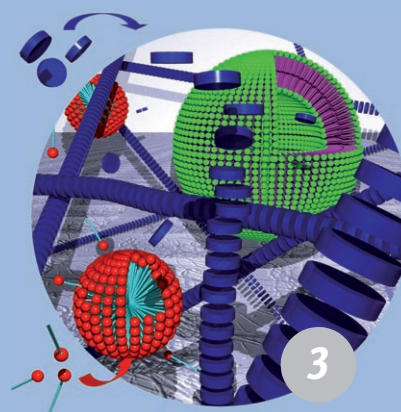
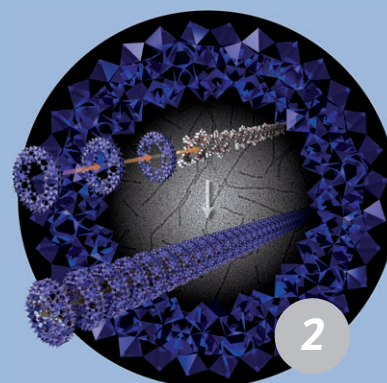
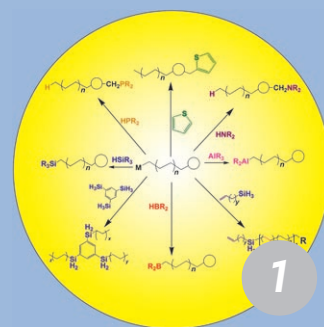
S. L. Buchwald and G. Brasche

C–H Functionalization/C–N Bond  
Formation: Copper-Catalyzed Synthesis of  
Benzimidazoles from Amidines

### Nanotraps

C. A. Mirkin et al.

Spectroscopically Enhancing Electrical  
Nanotraps



Issue 11/2008 will be  
published on February 28, 2008.