

Highlights

Hydrogen Production

I. Chorkendorff and I. E. L. Stephens

Minimizing the Use of Platinum in Hydrogen-Evolving Electrodes

Minireviews

Reductive Elimination

J.-Q. Yu et al.

Bystanding F^+ Oxidants Enable Selective Reductive Elimination from High-Valent Metal Centers in Catalysis

Reviews

Materials Science

Y. Yin and J. Ge

Responsive Photonic Crystals

Synthetic Methods

S. F. Kirsch and A. Duschek

2-Iodoxybenzoic Acid—A Simple Oxidant with a Dazzling Array of Potential Applications

Communications

Aminocatalysis

B. List et al.

The Catalytic Asymmetric Knoevenagel Condensation (**Cover Picture**)

Asymmetric Catalysis

K. A. Scheidt et al.

Lewis Acid Activated Synthesis of Highly Substituted Cyclopentanes by the N-Heterocyclic-Carbene-Catalyzed Addition of Homoenolate Equivalents to Unsaturated Ketoesters (**Inside Cover**)

Coordination Chemistry

D. Armspach, D. Matt et al.

A Cavity-Shaped Diphosphane Displaying “Oschelating” Behavior (**Frontispiece**)

Magnetic Properties

J. L. Manson et al.

$[Cu(HF_2)_2(pyrazine)]_n$: A Rectangular Antiferromagnetic Lattice with a Spin Exchange Path Made Up of Two Different FHF^- Bridges (**Back Cover**)

Asymmetric Synthesis

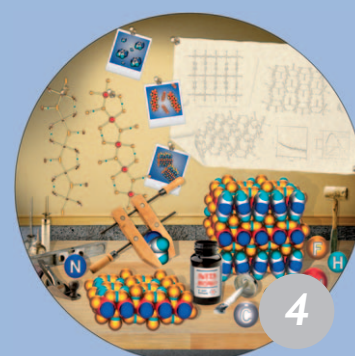
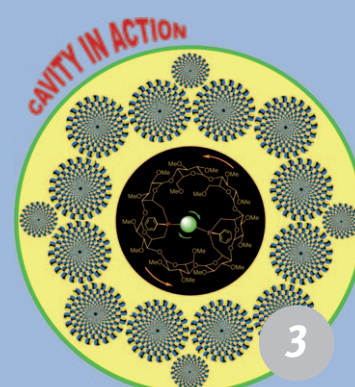
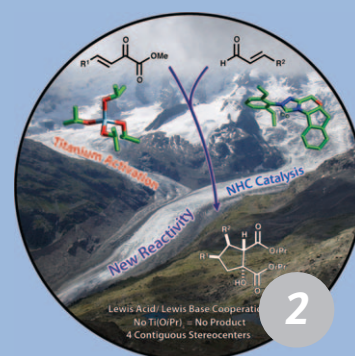
K. A. Jørgensen et al.

An Asymmetric Organocatalytic One-Pot Strategy to Octahydroacridines

Nanoparticle Assembly

E. Kokkoli, M. Tsapatsis et al.

Silica-Nanoparticle Coatings by Adsorption from Lysine–Silica-Nanoparticle Sols on Inorganic and Biological Surfaces



Issue 7/2011 will be
published on February 11, 2011.