

Highlights

Teranthene

C. Lambert

Towards Polycyclic Aromatic Hydrocarbons with a Singlet Open-Shell Ground State

Cascade Reactions

N. T. Patil

Merging Metal and N-Heterocyclic Carbene Catalysis: On the Way to Discovering Enantioselective Organic Transformations

Essays

Molecular Recognition

G. Ercolani and L. Schiaffino

Allosteric, Chelate, and Interannular Cooperativity: A Mise au Point

Reviews

Carbohydrate Antigens

R. D. Cummings et al.

The Tn Antigen—Structural Simplicity and Biological Complexity

Communications

Chemical Robotics

G. M. Whitesides et al.

Soft Robotics for Chemists
(Cover Picture)

Inorganic Fullerenes

R. Tenne, J. M. Gordon et al.

MoS₂ Hybrid Nanostructures: From Octahedral to Quasi-Spherical Shells within Individual Nanoparticles
(Inside Cover)

Fuel Cells

Z. P. Shao et al.

Electric Power and Synthesis Gas Co-generation From Methane with Zero Waste Gas Emission (Frontispiece)

IR Spectroscopy

H. Grothe, T. Loerting et al.

Spectroscopic Observation of Matrix-Isolated Carbonic Acid Trapped from the Gas Phase (Back Cover)

Methanol Activation

J. N. Kondo et al.

Evidence for a “Carbene-like” Intermediate during the Reaction of Methoxy Species with Light Alkenes on H-ZSM-5

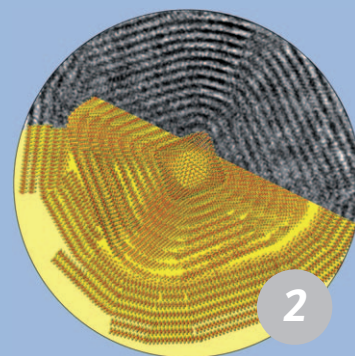
Metalation of Alkenes

P. Knochel and T. Bresser

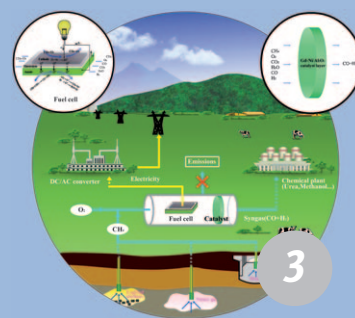
Selective Magnesiumation or Zincation of Highly Functionalized Alkenes and Cycloalkenes using 2,2,6,6-Tetramethylpiperidyl Bases



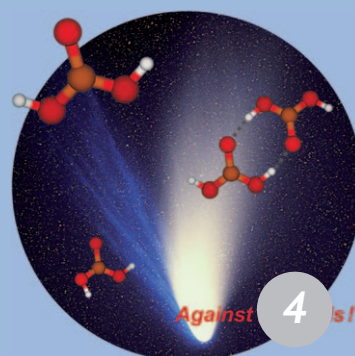
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Issue 8/2011 will be
published on February 18, 2011.