

Highlights

Carbene Insertion

C. J. Moody

Enantioselective Insertion of Metal Carbenes into N–H Bonds: A Potentially Versatile Route to Chiral Amine Derivatives

Essays

History of Chemistry

E. Vaupel

Interconnections and Independence: Heinrich Wieland (1877–1957) and His Era

Reviews

Weakly Coordinating Anions

M. Finze et al.

Trifluoromethylboranes and -Borates: New Synthetic Strategies and Applications

Communications

Ultrafast Electron Microscopy

A. H. Zewail et al.

Controlled Nanoscale Mechanical Phenomena Discovered with Ultrafast Electron Microscopy (**Cover Picture**)

Natural Product Synthesis

J. Mulzer et al.

Total Synthesis and Configurational Assignment of Pasteurestin A and B

Tridehydrobenzenes

J. J. Nash, H. I. Kenttämä et al.

Reactivity of an Aromatic σ,σ,σ -Triradical: The 2,4,6-Tridehydropyridinium Cation

Natural Products Synthesis

J. S. Panek et al.

Total Synthesis and Stereochemical Reassignment of (+)-Neopeltolide

Asymmetric Organocatalysis

K. A. Jørgensen et al.

How to Make Five Contiguous Stereocenters in One Reaction: Asymmetric Organocatalytic Synthesis of Pentasubstituted Cyclohexanes

Extended Capsules

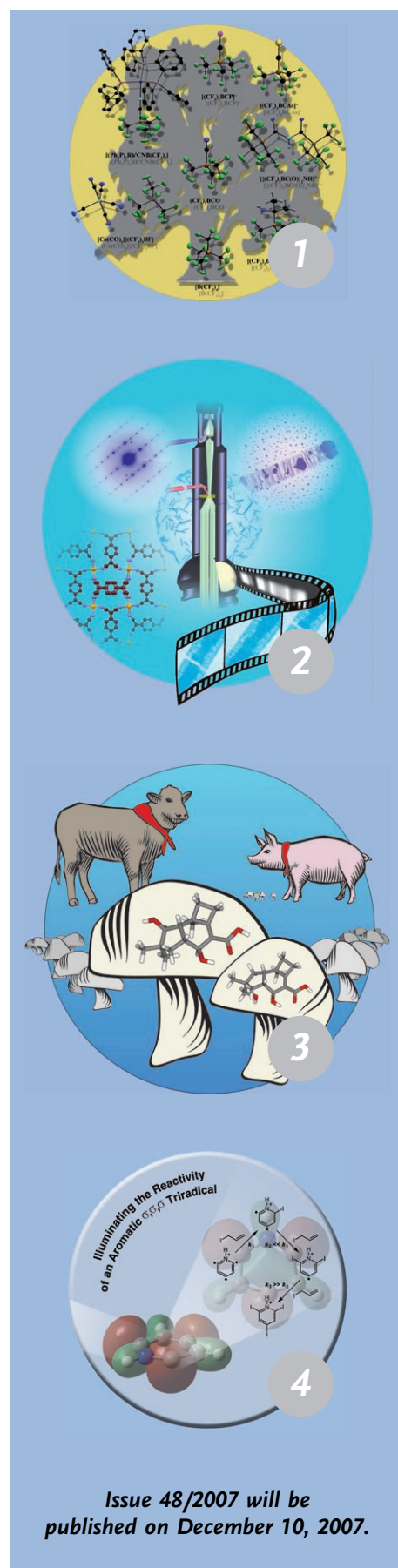
J. Rebek, Jr. and D. Ajami

Longer Guests Drive the Reversible Assembly of Hyperextended Capsules

Shape-Controlled Nanoparticles

Y. Xia et al.

A Water-Based Synthesis of Octahedral, Decahedral, and Icosahedral Pd Nanocrystals



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