

Highlights

Molecular Logic

Molecules That Make Decisions

A. Credi

Ultrasound

Forcing and Controlling Chemical Reactions with Ultrasound

G. Cravotto and P. Cintas

Essays

Gold Nanoparticles

Gold in a Metallic Divided State—From Faraday to Present-Day Nanoscience

P. P. Edwards and J. M. Thomas

Reviews

Natural Product Synthesis

1 Total Synthesis of Complex
Cyclotryptamine Alkaloids:
Stereocontrolled Construction of
Quaternary Carbon Stereocenters

L. E. Overman and A. Steven

Communications

Organocatalysis

2 Asymmetric Organocatalytic α -Arylation
of Aldehydes (Cover Picture)

K. A. Jørgensen et al.

Biomineralization

3 Phase Selection of Calcium Carbonate
through the Chirality of Adsorbed
Amino Acids

W. Tremel et al.

Coordination Polymers

4 Hierarchical Self-Assembly of One-
Dimensional Streptavidin Bundles
as a Collagen Mimetic for the
Biomineralization of Calcite

T. R. Ward et al.

Natural Product Synthesis

Total Synthesis of (+)-Isomigrastatin

S. J. Danishefsky et al.

C–H Activation

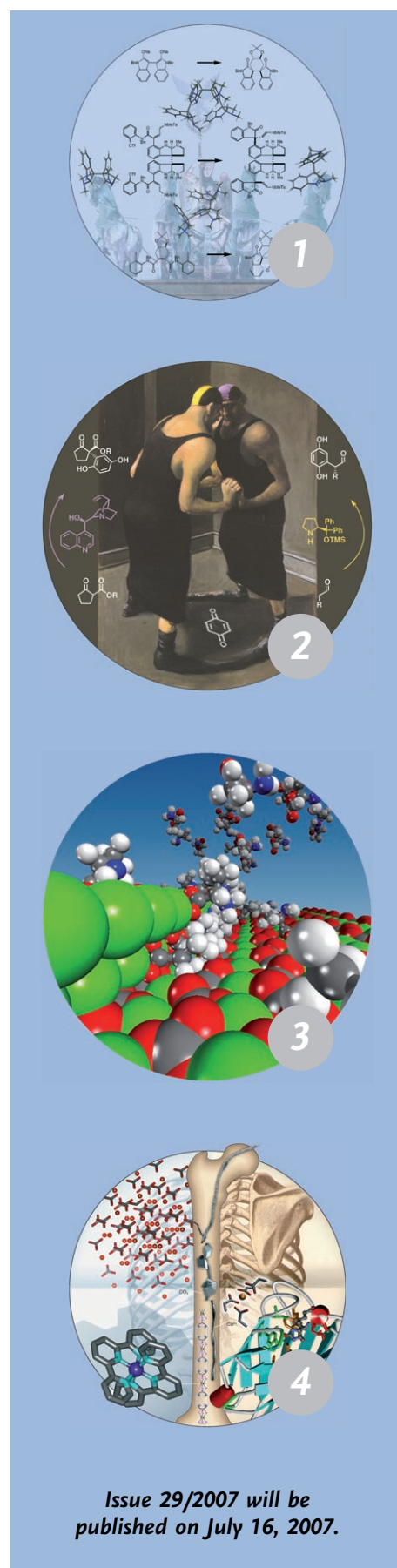
Kinetic Control and Multiple Mechanisms
for C–H Bond Activation by a Zr=N
Complex

R. G. Bergman and H. M. Hoyt

Cross-Coupling Reactions

N-Tosylhydrazones as Reagents for Cross-
Coupling Reactions: A Route to
Polysubstituted Olefins

J. Barluenga et al.



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