

Highlights

Supramolecular Chemistry

C. Schmuck

Guest Encapsulation within Self-Assembled Molecular Containers

Reviews

Pro-fragrances

A. Herrmann

Controlled Release of Volatiles under Mild Reaction Conditions: From Nature to Everyday Products (**Cover Picture**)

Communications

Water Clusters

J. J. Vittal and M. H. Mir

Phase Transition Accompanied by Transformation of an Elusive Discrete Cyclic Water Heptamer to a Bicyclic (H₂O)₇ Cluster

Heterogeneous Catalysis

L. D. Schmidt et al.

Millisecond Reforming of Solid Biomass for Sustainable Fuels

Natural Products

K. C. Nicolaou, D. Y.-K. Chen et al.

Total Synthesis of the Originally Proposed and Revised Structures of Palmerolide A

Electronic Properties

K. B. Yoon et al.

Length-Dependent Band-Gap Shift of TiO₃²⁻ Molecular Wires Embedded in Zeolite ETS-10

Asymmetric Catalysis

R. Shintani, T. Hayashi et al.

Palladium-Catalyzed Asymmetric [3+3] Cycloaddition of Trimethylene-methane Derivatives with Nitrones

Asymmetric Catalysis

A. B. Charette and J.-N. Desrosiers

Catalytic Enantioselective Reduction of β,β -Disubstituted Vinyl Phenyl Sulfones by Using Bisphosphine Monoxide Ligands

Coordination Polymers

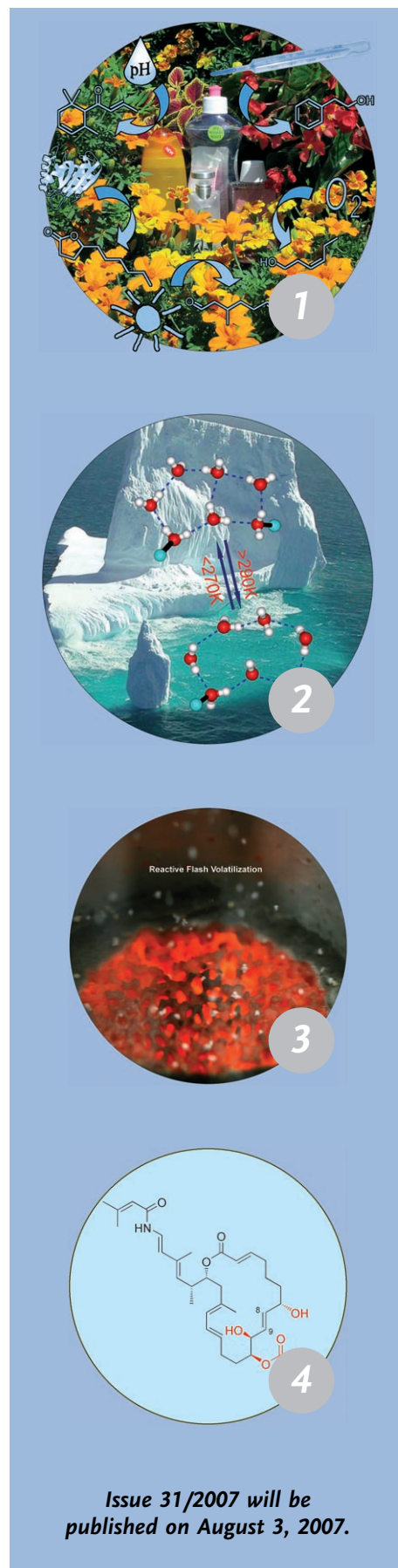
M. Scheer et al.

An Unusual Building Block for Supramolecular Aggregates: The Mixed Group 15/16 Element Ligand Complex [(Cp*Mo)₂(μ,η^3 -P₃)(μ,η^2 -PS)]

Helical Structures

S. I. Stupp et al.

A Torsional Strain Mechanism To Tune Pitch in Supramolecular Helices



Issue 31/2007 will be
published on August 3, 2007.