

Highlights

Surface Chemistry

C. Wöll

Spectroscopic Characterization and Deliberate Modification of a Single Molecule by Tunneling of Electrons

Microfabrication

R. S. Kane

Fabricating Complex Polymeric Micro- and Nanostructures: Lithography in Microfluidic Devices

Minireviews

Supramolecular Assemblies

H. Amouri and J. Moussa

Supramolecular Assemblies Based on Organometallic Quinonoid Linkers: A New Class of Coordination Networks

Reviews

Nucleic Acid Carriers

M. Epple and V. Sokolova

Inorganic Nanoparticles as Carriers of Nucleic Acids into Cells

Communications

Molecular Dynamics Simulations

D. van der Spoel and C. Caleman

Picosecond Melting of Ice by an Infrared Laser Pulse: A Simulation Study
(Cover Picture)

Artificial Metalloenzymes

R. E. Stenkamp, T. R. Ward et al.

X-Ray Structure and Designed Evolution of an Artificial Transfer Hydrogenase

Negative Thermal Expansion

C. J. Kepert et al.

Nanoporosity and Exceptional Negative Thermal Expansion in Single-Network Cadmium Cyanide

Natural Product Synthesis

S. Z. Zard et al.

The Total Synthesis of (±)-Fortucine and a Revision of the Structure of Kirkine

Lanthanum(II) Compounds

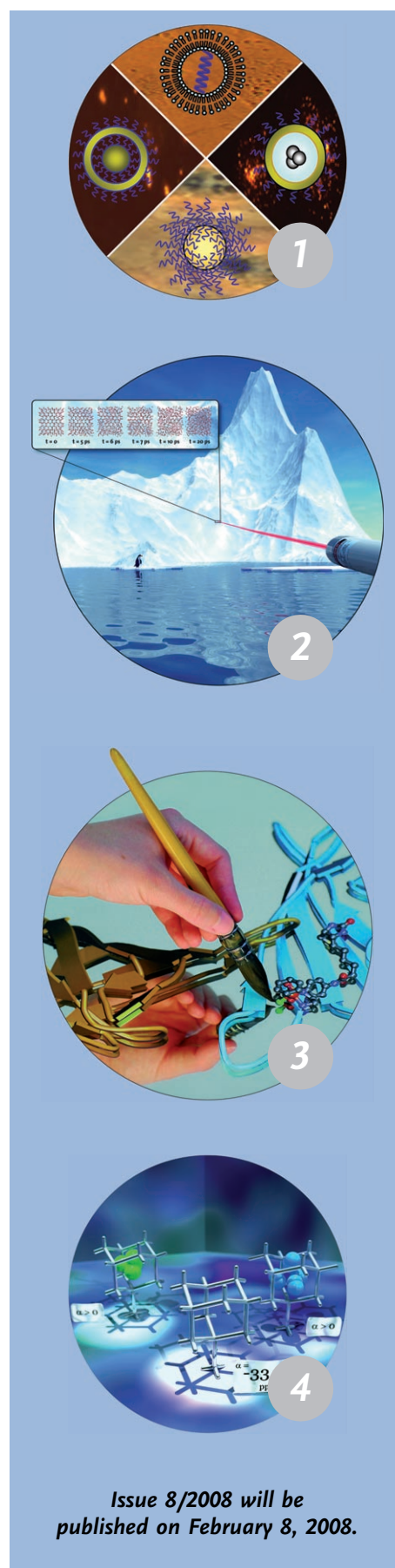
M. F. Lappert, L. Maron, A. V. Protchenko et al.

Lanthanum Does Form Stable Molecular Compounds in the +2 Oxidation State

Heterogeneous Catalysis

I. V. Koptug et al.

Observation of Parahydrogen-Induced Polarization in Heterogeneous Hydrogenation on Supported Metal Catalysts



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