

Highlights

Silicon Chemistry

P. Jutzi

Low-Valent Silicon in Formally
Antiaromatic Four-Membered Ring
Systems

Colloidal Spheres

A.-H. Lu et al.

Can Carbon Spheres Be Created through
the Stöber Method?

Reviews

Biomimetic Materials

Z. Guan and A. M. Kushner

Modular Design in Natural and
Biomimetic Soft Materials

Communications

Chirality

K. Ishii et al.

Magneto-Chiral Dichroism of Organic
Compounds (**Cover Picture**)

Materials Chemistry

T. Kato and Y. Sagara

Brightly Tricolored Mechanochromic
Luminescence from a Single-
Luminophore Liquid Crystal: Reversible
Writing and Erasing of Images
(**Inside Cover**)

DNA Analysis

S. E. J. Bell and E. Papadopoulou

Label-Free Detection of Single-Base
Mismatches in DNA by Surface-Enhanced
Raman Spectroscopy (**Frontispiece**)

Self-Assembly

J.-W. Kim et al.

DNA-Linked Nanoparticle Building
Blocks for Programmable Matter
(**Back Cover**)

Superconductors

D. Johrendt et al.

Superconductivity up to 35 K in the
Iron Platinum Arsenides
($\text{CaFe}_{1-x}\text{Pt}_x\text{As}$) $_{10}\text{Pt}_{4-y}\text{As}_8$ with Layered
Structures

Asymmetric Synthesis

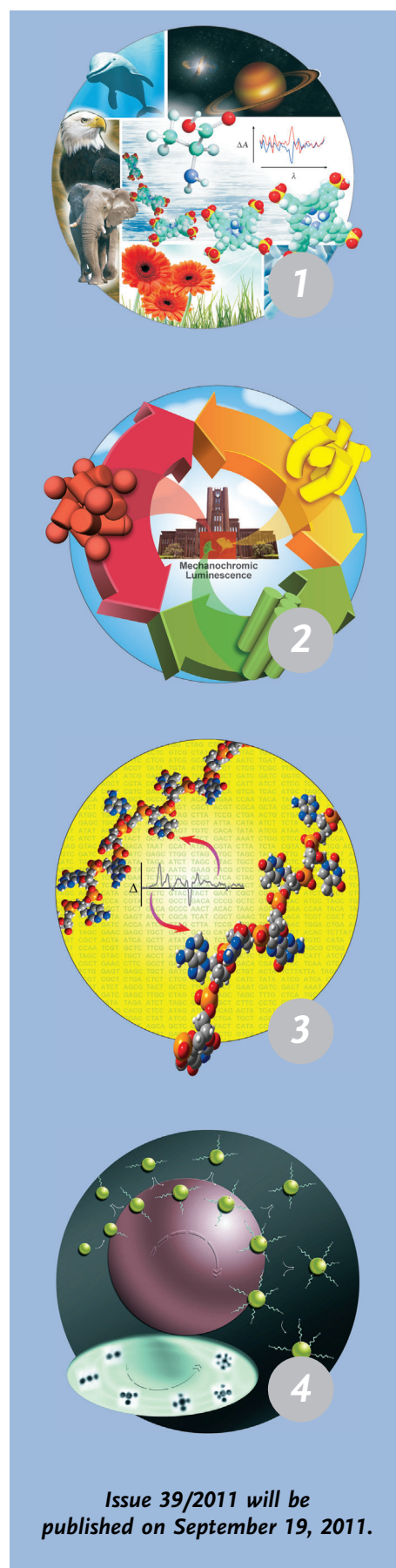
R. Wang et al.

Enantioselective Michael/Cyclization
Reaction Sequence: Scaffold-Inspired
Synthesis of Spirooxindoles with Multiple
Stereocenters

Trifluoromethylation

S. L. Buchwald and A. T. Parsons

Copper-Catalyzed Trifluoromethylation of
Unactivated Olefins



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