

Highlights

Main-Group Chemistry

S. Inoue and M. Driess

Parent Heavy Methylene: Chemical Tricks to Access Isolable Complexes of Elusive $\text{H}_2\text{E}^\bullet$ Species ($\text{E} = \text{Ge}$ and Sn)

Crystal Structure Prediction

C. W. Lehmann

Crystal Structure Prediction—Dawn of a New Era

Minireviews

Analytical Methods

J. Pawliszyn et al.

In Vivo Solid-Phase Microextraction in Metabolomics: Opportunities for the Direct Investigation of Biological Systems

Reviews

Hetero-Diels–Alder Reactions

M. J. Miller and B. S. Bodnar

The Nitrosocarbonyl Hetero-Diels–Alder Reaction as a Useful Tool for Organic Syntheses

Communications

High-Spin Keggin Systems

H. Oshio et al.

Redox-Controlled Magnetic $\{\text{Mn}_{13}\}$ Keggin Systems (Cover Picture)

Single-Molecule Conductance

M. Kiguchi, M. Fujita et al.

Electron Transport through Single Molecules Comprising Aromatic Stacks Enclosed in Self-Assembled Cages (Inside Cover)

C–H Activation

M. Costas et al.

Evidence for a Precursor Complex in C–H Hydrogen Atom Transfer Reactions Mediated by a Manganese(IV) Oxo Complex (Frontispiece)

Uranium Clusters

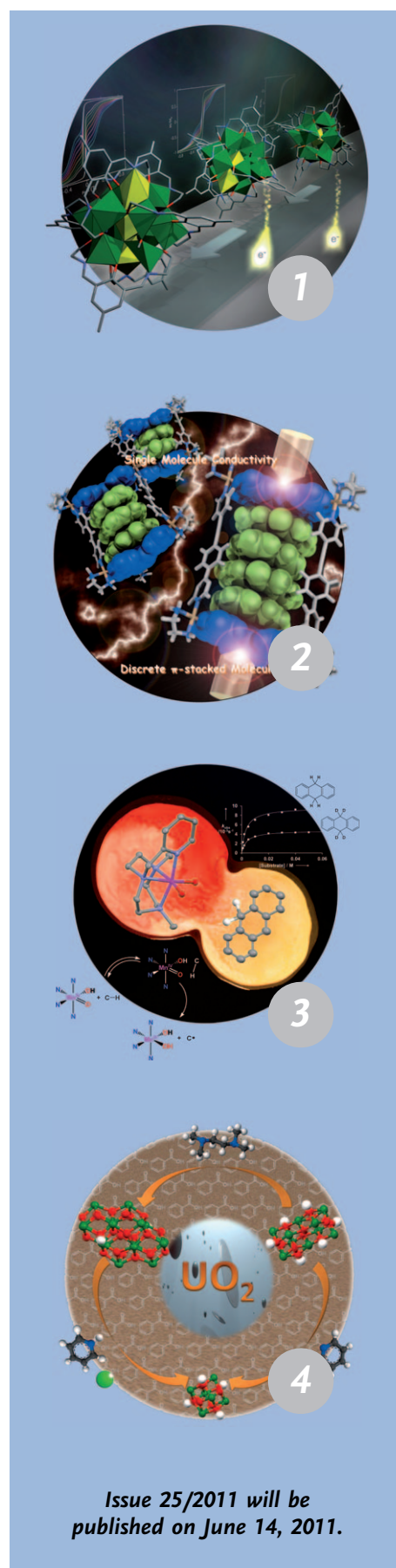
M. Mazzanti et al.

Base-Driven Assembly of Large Uranium Oxo/Hydroxo Clusters (Back Cover)

Porphyrins

C. Maeda, D. Kim, N. Yoshioka, A. Osuka et al.

Synthesis of Carbazole-Containing Porphyrinoids by a Multiple Annulation Strategy: A Core-Modified and π -Expanded Porphyrin



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