

Highlights

H₂ Complexes

R. M. Bullock

A Mercurial Route to a Cobalt Dihydrogen Complex

CO₂ Utilization

F. C. Meunier

Mixing Copper Nanoparticles and ZnO Nanocrystals: A Route towards Understanding the Hydrogenation of CO₂ to Methanol?

Minireviews

Fluorescent Nanoparticles

L. Prodi et al.

Luminescent Silica Nanoparticles: Extending the Frontiers of Brightness

Reviews

Total Synthesis

J. A. Porco, Jr. and S. P. Roche

Dearomatization Strategies in the Synthesis of Complex Natural Products

Communications

Cancer Cells

L. Zhang, J. Wang et al.

Micromachine-Enabled Capture and Isolation of Cancer Cells in Complex Media **(Cover Picture)**

Drug Discovery

X. Qu et al.

Polyoxometalates as Inhibitors of the Aggregation of Amyloid β -Peptides Associated with Alzheimer's Disease **(Inside Cover)**

Surface Chemistry

F. Cherioux et al.

Robust and Open Tailored Supramolecular Networks Controlled by the Template Effect of a Silicon Surface **(Frontispiece)**

MRI Contrast Agent

R. D. Tilley et al.

Simple Synthesis and Functionalization of Iron Nanoparticles for Magnetic Resonance Imaging **(Back Cover)**

Mesoionic Carbenes

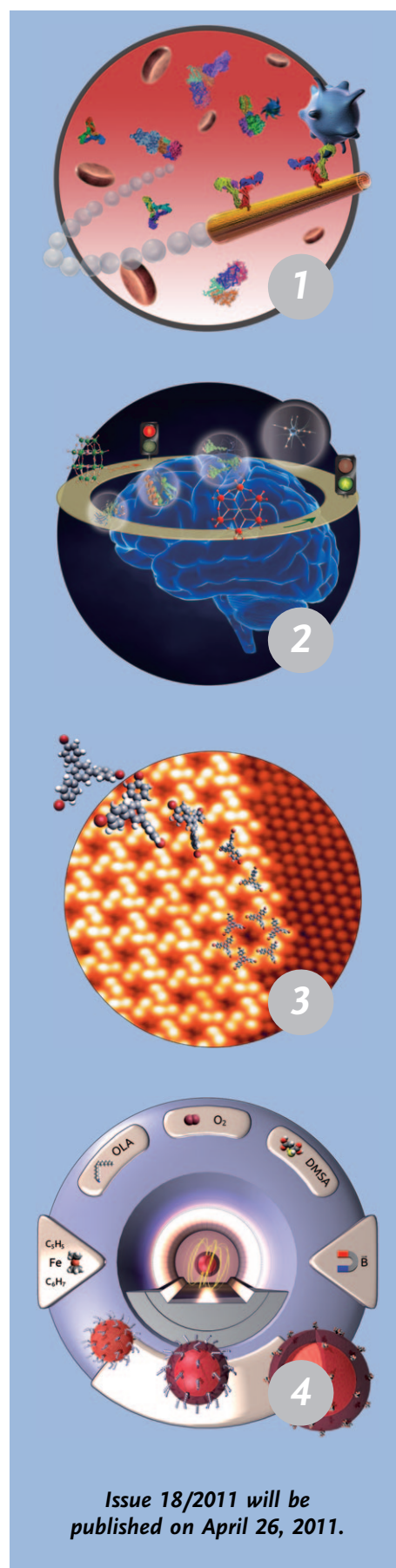
G. Bertrand et al.

A Stable Acyclic Ligand Equivalent of an Unstable 1,3-Dithiol-5-ylidene

Rotaxane Synthesis

S. M. Goldup et al.

Macrocycle Size Matters: "Small" Functionalized Rotaxanes in Excellent Yield Using the CuAAC Active Template Approach



Issue 18/2011 will be
published on April 26, 2011.