

Highlights

Electrochemistry

J. Yoshida and A. Nagaki

Building Addressable Libraries as Platforms for Biological Assays by an Electrochemical Method

Hydrogen Production

M. T. M. Koper and E. Bouwman

Electrochemical Hydrogen Production: Bridging Homogeneous and Heterogeneous Catalysis

Essays

Plastic Banknotes

D. H. Solomon and E. L. Prime

Australia's Plastic Banknotes: Fighting Counterfeit Currency

Reviews

The Origin of Life

U. J. Meierhenrich et al.

On the Origin of Primitive Cells—From Nutrient Intake to Elongation of Encapsulated Nucleotides

Communications

Asymmetric Catalysis

K. Ishihara et al.

Which Is the Actual Catalyst: Chiral Phosphoric Acid or Chiral Calcium Phosphate? (Cover Picture)

Bioorganometallic Chemistry

E. Meggers et al.

Iridium Complex with Antiangiogenic Properties

Bistable Materials

R. Clérac, C. Mathonière, S. M. Holmes et al.

Reversible Thermally and Photoinduced Electron Transfer in a Cyano-Bridged $\{\text{Fe}_2\text{Co}_2\}$ Square Complex

Selective C–O Cleavage

F. D. Toste and S. Son

Non-Oxidative Vanadium-Catalyzed C–O Bond Cleavage: Application to Degradation of Lignin Model Compounds

Asymmetric C–H Addition

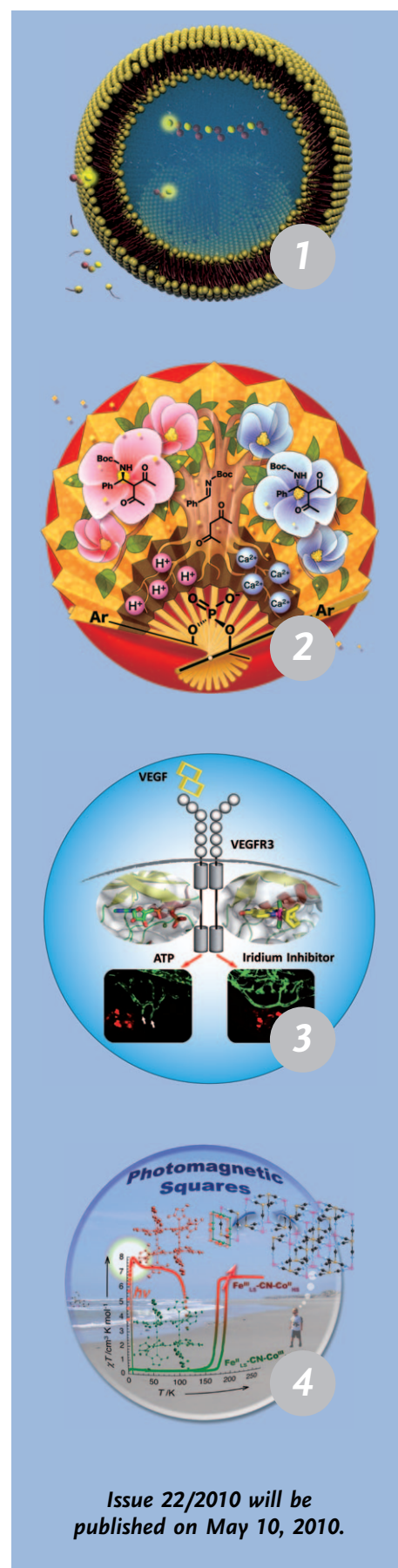
M. Sugimoto and M. Shirakura

Nickel-Catalyzed Asymmetric Addition of Alkyne C–H Bonds across 1,3-Dienes Using Taddol-Based Chiral Phosphoramidite Ligands

Magnetic Particles

S.-H. Kim, S.-M. Yang et al.

Magneto-responsive Microparticles with Nanoscopic Surface Structures for Remote-Controlled Locomotion



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