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Stable Oxonium Ions

M. M. Haley

Taming the Highly Reactive Oxonium Ion

Hydrodefluorination

T. Braun and G. Meier

Catalytic C–F Activation and Hydrodefluorination of Fluoroalkyl Groups

Reviews

Enzyme Reconstruction

L. Fruk, C. M. Niemeyer et al.

Apoenzyme Reconstitution as a Chemical Tool for Structural Enzymology and Biotechnology

Communications

Nanostructure Self-Assembly

M. Lee et al.

Solid-State Scrolls from Hierarchical Self-Assembly of T-Shaped Rod–Coil Molecules (**Cover Picture**)

Porphyrinoids

H. Stoeckli-Evans, R. Neier et al.

Synthesis, Structure, and Complexation Properties of Partially and Completely Reduced *meso*-Octamethylporphyrinogens (Calix[4]pyrroles)

Molecular Solar Cells

L. Sun, M. K. Nazeeruddin et al.

A Light-Resistant Organic Sensitizer for Solar-Cell Applications

Photochemistry

A. Vogler and H. Kunkely

Water Splitting by Light with Osmocene as Photocatalyst

Chiral Materials

Y.-G. Li, E.-B. Wang, R. Clérac et al.

Enantiomerically Pure Chiral {Fe₂₈} Wheels

Photoelectron Transfer

N. Terasaki, T. Hiraga, H. Nishihara, M. Fujii, Y. Inoue, M. Minakata et al.

Plugging a Molecular Wire into Photosystem I: Reconstitution of the Photoelectric Conversion System on a Gold Electrode

Synthetic Methods

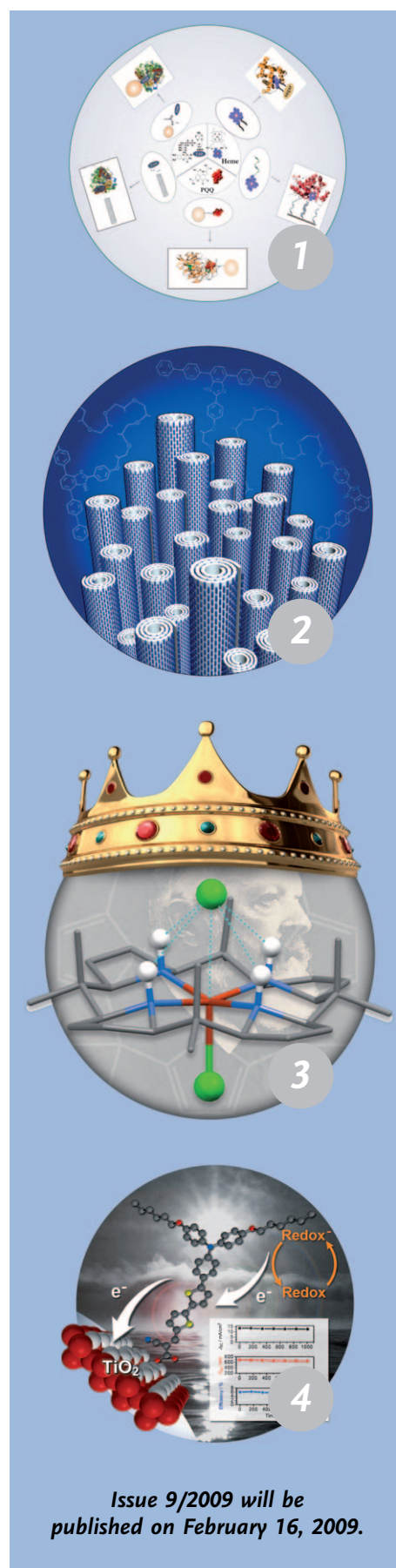
E. P. Kündig and Y.-X. Jia

Oxindole Synthesis by Direct Coupling of C_{sp²}–H and C_{sp³}–H Centers

Furan Synthesis

M. Beller, P. H. Dixneuf et al.

Sequential Synthesis of Furans from Alkynes: Successive Ruthenium(II)- and Copper(II)-Catalyzed Processes



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