

Highlights

Supported Membranes

F. Kapteijn and J. Gascon

Metal-Organic Framework Membranes—
High Potential, Bright Future?

Microporous Materials

A. I. Cooper and A. Trewin

Porous Organic Polymers: Distinction
from Disorder?

Essays

Hydrogen Generation

T. Maschmeyer and M. Che

Catalytic Aspects of Light-Induced
Hydrogen Generation in Water with TiO_2
and Other Photocatalysts: A Simple and
Practical Way Towards a Normalization?

Reviews

Polymer Chemistry

C. E. Hoyle and C. N. Bowman

Thiol–Ene Click Chemistry

Communications

Silver(II) Compounds

W. Grochala et al.

$\text{Ag}^{\text{II}}\text{SO}_4$: A Genuine Sulfate of Divalent
Silver with Anomalously Strong One-
Dimensional Antiferromagnetic
Interactions (**Cover Picture**)

Enzyme Inhibitors

M. D. Cummings et al.

Induced-Fit Binding of the Macrocyclic
Noncovalent Inhibitor TMC435 to its
HCV NS3/NS4A Protease Target

Quantum Dots

T. Nann, C. J. Pickett et al.

Water Splitting by Visible Light: A
Nanophotocathode for Hydrogen
Production

Cyanide Biosynthesis

P. L. Roach et al.

[FeFe]-Hydrogenase Cyanide Ligands
Derived from S-Adenosylmethionine-
Dependent Cleavage of Tyrosine

Fluoromethylation

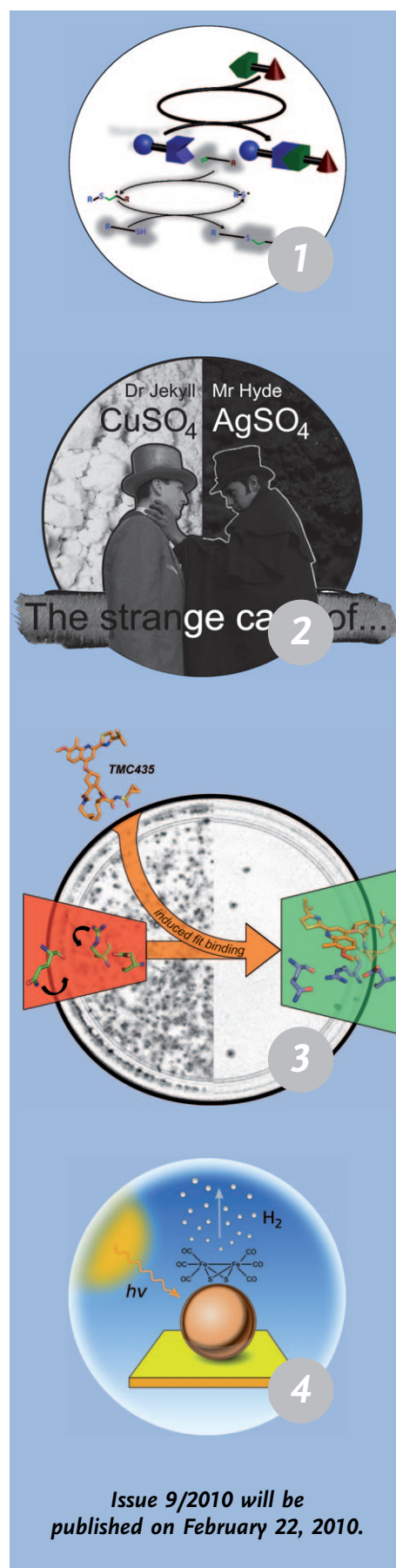
N. Shibata et al.

2-Fluoro-1,3-benzodithiole-1,1,3,3-
tetraoxide: A Reagent for Nucleophilic
Monofluoromethylation of Aldehydes

Synthetic Methods

P. Dauban et al.

Catalytic Oxyamidation of Indoles



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