

Highlights

Fluorescent Probes

D. S. Lawrence and V. Sharma

Über-Responsive Peptide-Based Sensors of Signaling Proteins

DNA Repair

T. Carell et al.

Once Overlooked, Now Made Visible: ATL Proteins and DNA Repair

Reviews

Supramolecular Surface Chemistry

S. De Feyter et al.

Molecular and Supramolecular Networks on Surfaces: From Two-Dimensional Crystal Engineering to Reactivity

Communications

Supramolecular Chemistry

K. Tahara, S. Lei, Y. Tobe, S. De Feyter et al.

Two-Dimensional Crystal Engineering: A Four-Component Architecture at a Liquid–Solid Interface (**Cover Picture**)

Protein Design

V. L. Pecoraro et al.

Switching the Chirality of the Metal Environment Alters the Coordination Mode in Designed Peptides

Biosensors

J. Riu, F. X. Rius et al.

Immediate Detection of Living Bacteria at Ultralow Concentrations Using a Carbon Nanotube Based Potentiometric Aptasensor

Molecular Recognition

S. Spange et al.

A Pyridinium–Barbiturate–Betaine Dye with Pronounced Negative Solvatochromism: A New Approach for Molecular Recognition

Halonium Ions

A. Schulz, A. Villinger et al.

Bissilylated Halonium Ions: $[\text{Me}_3\text{Si}-\text{X}-\text{SiMe}_3][\text{B}(\text{C}_6\text{F}_5)_4]$ ($\text{X} = \text{F}, \text{Cl}, \text{Br}, \text{I}$)

Cross-Coupling

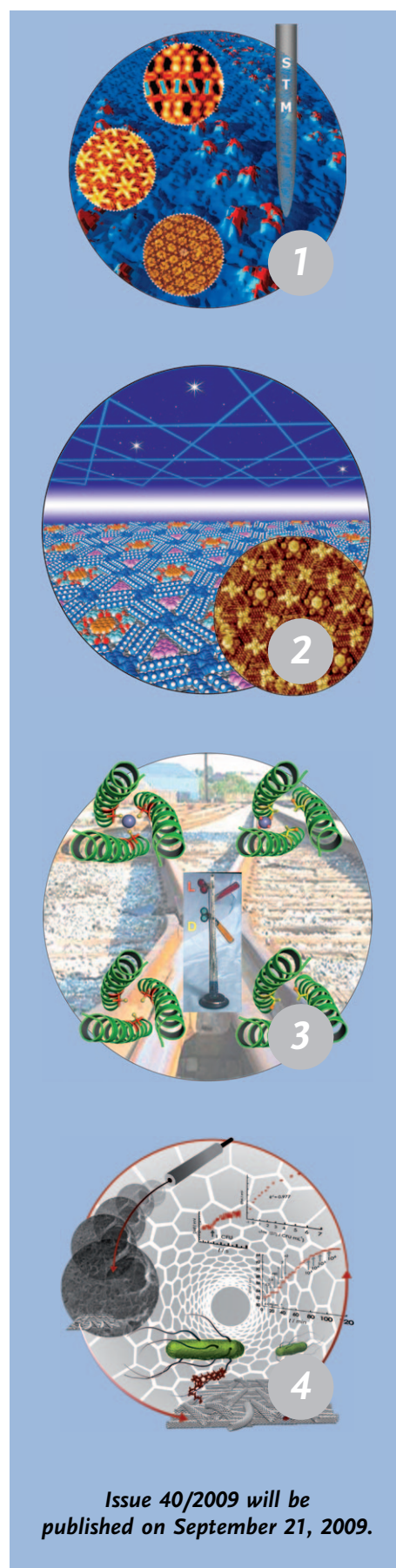
F. Y. Kwong et al.

Palladium-Catalyzed Cross-Coupling of Aryl Halides Using Organotitanium Nucleophiles

Amine Exchange

J. M. J. Williams et al.

Selective Amine Cross-Coupling Using Iridium-Catalyzed “Borrowing Hydrogen” Methodology



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