

Highlights

Plant-Based Plastics

D. J. Cole-Hamilton

Nature's Polyethylene

Hydrogenases

M. Y. Darensbourg et al.

The Modular Assembly of Clusters Is the Natural Synthetic Strategy for the Active Site of [FeFe] Hydrogenase

Molecular Recognition

A. Kros et al.

Introducing Quadrupole Interactions into the Peptide Design Toolkit

Reviews

DNA Block Copolymers

A. Herrmann and M. Kwak

Nucleic Acid/Organic Polymer Hybrid Materials: Synthesis, Superstructures, and Applications

Communications

Metal–Organic Frameworks

J. F. Stoddart et al.

Metal–Organic Frameworks from Edible Natural Products (Cover Picture)

Microfluidic Synthesis

A. K. Yudin, A. R. Wheeler et al.

Synchronized Synthesis of Peptide-Based Macrocycles by Digital Microfluidics

Asymmetric Aminoxylation

G. Zhong et al.

Chiral Brønsted Acid Catalyzed Enantioselective α -Aminoxylation of Enecarbamates

Catalytic Asymmetric Synthesis

S. G. Nelson et al.

Catalytic Asymmetric Aldol Equivalents in the Enantioselective Synthesis of the Apoptolidin C Aglycone

C–F Activation

N. Chatani et al.

Nickel-Catalyzed Cyclization of Difluoro-Substituted 1,6-Enynes with Organozinc Reagents through the Stereoselective Activation of C–F Bonds: Synthesis of Bicyclo[3.2.0]heptene Derivatives

Core/Shell Nanoparticles

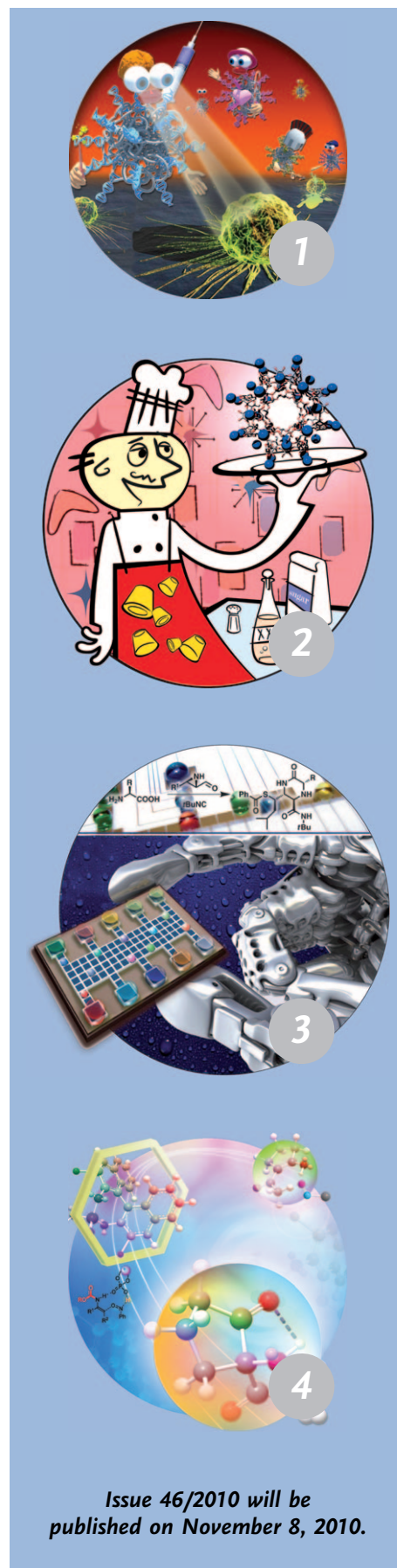
R. R. Adzic et al.

Core-Protected Platinum Monolayer Shell High-Stability Electrocatalysts for Fuel-Cell Cathodes

Zeolite Membranes

A. Stein et al.

High-Performance Randomly Oriented Zeolite Membranes Using Brittle Seeds and Rapid Thermal Processing



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