

Highlights

Radical Reactions

C. Barner-Kowollik

Radical Polymerization: Reversing the Irreversible?

Nobel Prize in Chemistry

K. H. Nierhaus

Nobel Prize for the Elucidation of Ribosome Structure and Insight into the Translation Mechanism

Essays

Energy Generation and Storage

U. Stimming and J. Kunze

Electrochemical Versus Heat-Engine Energy Technology: A Tribute to Wilhelm Ostwald's Visionary Statements

Reviews

Palladium Catalysis

G. A. Molander and B. Canturk

1 Organotrifluoroborates and Monocoordinated Palladium Complexes as Catalysts—A Perfect Combination for Suzuki–Miyaura Coupling

Communications

Photocontrolled Motion

D. Baigl et al.

2 Photomanipulation of a Droplet by the Chromocapillary Effect (**Cover Picture**)

Protein Engineering

D. Porath, O. Shoseyov et al.

3 Protein Scaffold Engineering Towards Tunable Surface Attachment

Enzyme Models

Y. Naruta et al.

4 Spectroscopic Characterization of a Hydroperoxo–Heme Intermediate: Conversion of a Side-On Peroxo to an End-On Hydroperoxo Complex

Natural Product Synthesis

D. J. Procter et al.

A Dialdehyde Cyclization Cascade: An Approach to Pleuromutilin

Asymmetric Catalysis

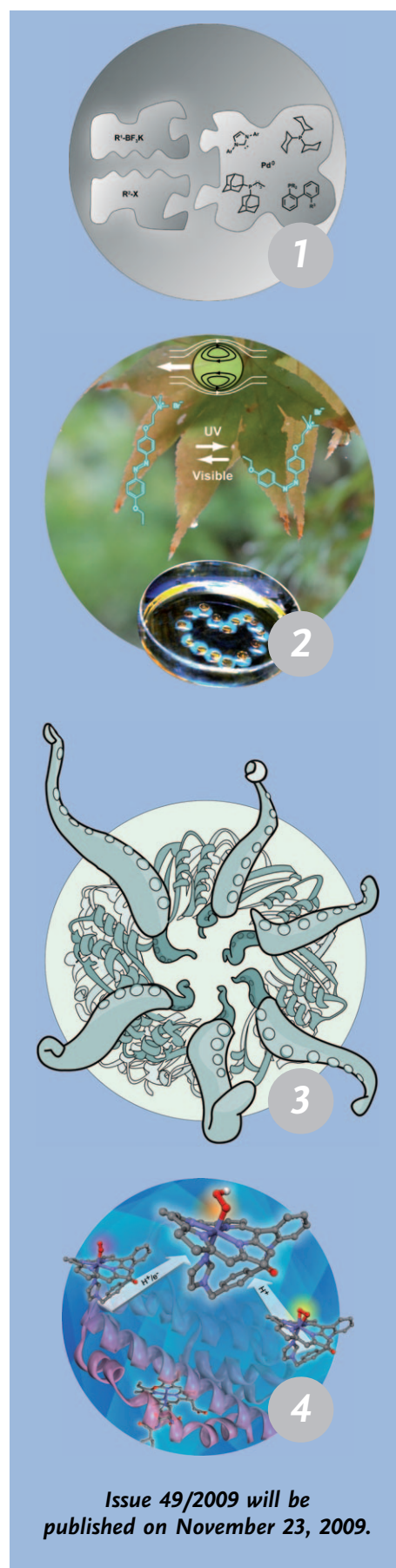
A. J. Minnaard, B. L. Feringa et al.

Catalytic Enantioselective Addition of Dialkylzinc Reagents to *N*-Acylpyridinium Salts

Heterogeneous Catalysis

J. Hofkens et al.

Super-Resolution Reactivity Mapping of Nanostructured Catalyst Particles



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