

Highlights

Porous Organic Materials

T. Muller and S. Bräse

Click Chemistry Finds Its Way into Covalent Porous Organic Materials

Crystal Engineering

M. E. van der Boom

Consecutive Molecular Crystalline-State Reactions with Metal Complexes

Asymmetric Synthesis

H. Liang and M. A. Ciufolini

Chiral Hypervalent Iodine Reagents in Asymmetric Reactions

Essays

Quantum Molecular Magnetism

D. Gatteschi and A. Dei

Molecular (Nano) Magnets as Test Grounds of Quantum Mechanics

Minireviews

Catalyst Design

R. Gilmour et al.

Fluorine Conformational Effects in Organocatalysis: An Emerging Strategy for Molecular Design

Reviews

Carbohydrates

S.-C. Hung, C.-Y. Wu, C.-H. Wong et al.

Toward Automated Oligosaccharide Synthesis

Communications

Molecular Capsules

J. Rebek, Jr. et al.

Self-Assembled Capsules of Unprecedented Shapes (**Cover Picture**)

Molecular Wires

H. Tada, Y. Aso et al.

Completely Encapsulated Oligothiophenes: Synthesis, Properties, and Single-Molecule Conductance (**Inside Cover**)

Nanoparticle Hybrids

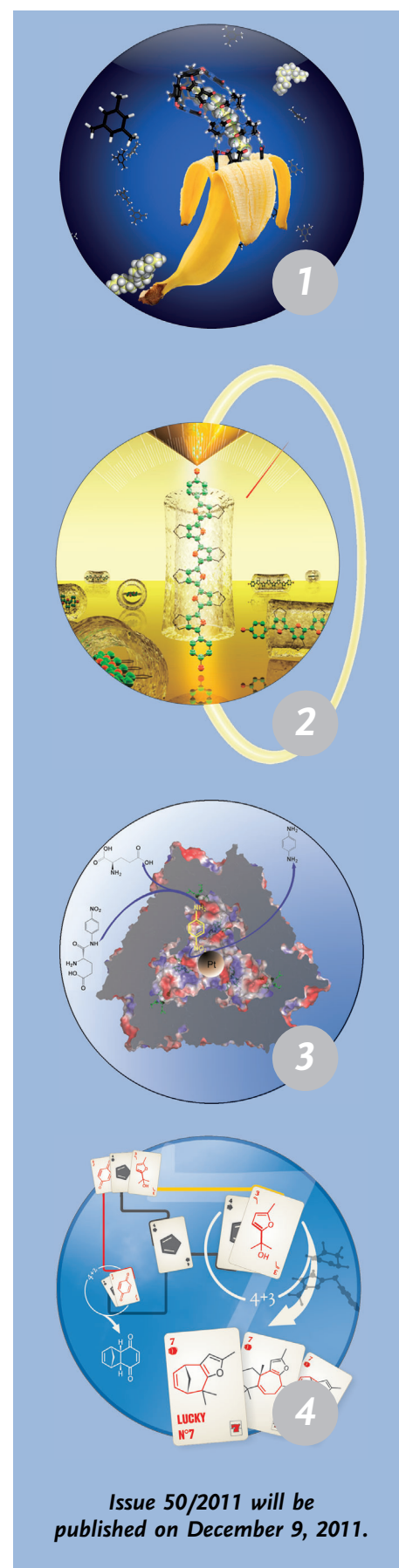
K. K. Kim et al.

Platinum Nanoparticles Encapsulated by Aminopeptidase: A Multifunctional Bioinorganic Nanohybrid Catalyst (**Frontispiece**)

Synthetic Methods

J. M. Winne et al.

Scope and Mechanism of the (4+3) Cycloaddition Reaction of Furfuryl Cations (**Back Cover**)



Issue 50/2011 will be published on December 9, 2011.