

Highlights

Asymmetric Catalysis

K. Ding and S.-X. Huang

Asymmetric Bromoamination of Chalcones with a Privileged *N,N'*-Dioxide/Scandium(III) Catalyst

Total Synthesis

D. J. Procter and M. Szostak

Concise Syntheses of Strychnine and Englerin A: The Power of Reductive Cyclizations Triggered by Samarium Iodide

Minireviews

Cyclobutanes

N. Cramer et al.

Cyclobutanes in Catalysis

Reviews

Ceramic Materials

W. Schnick et al.

Nitridosilicates and Oxonitridosilicates: From Ceramic Materials to Structural and Functional Diversity

Communications

Natural Product Synthesis

M. D. Burke et al.

Total Synthesis of Synechoxanthin through Iterative Cross-Coupling **(Cover Picture)**

Organocatalysis

P. G. Cozzi et al.

Highly Enantioselective α Alkylation of Aldehydes with 1,3-Benzodithiolium Tetrafluoroborate: A Formal Organocatalytic α Alkylation of Aldehydes by the Carbenium Ion **(Inside Cover)**

Organolithium Chemistry

J. Klett et al.

Crossing Organolithium Compounds with Organolithium Compounds: Molecular Squares and a Cage-Encapsulating Reaction **(Frontispiece)**

RNA Structure Elucidation

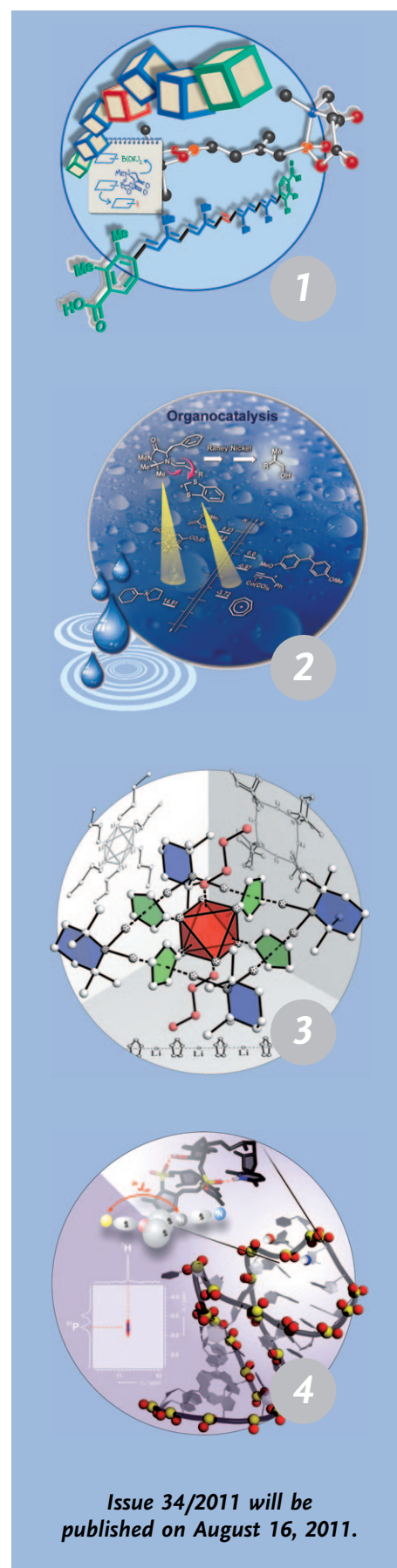
J. Wöhnert et al.

Rapid Identification of Noncanonical RNA Structure Elements by Direct Detection of $\text{OH}\cdots\text{O}=\text{P}$, $\text{NH}\cdots\text{O}=\text{P}$, and $\text{NH}_2\cdots\text{O}=\text{P}$ Hydrogen Bonds in Solution NMR Spectroscopy **(Back Cover)**

Liquid Crystals

H. Takezoe, T. Aida et al.

Electric-Field-Responsive Handle for Large-Area Orientation of Discotic Liquid-Crystalline Molecules in Millimeter-Thick Films



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