

Highlights

Carbanion Arylations

P. O'Brien and J. L. Bilke

Expanding the Synthetic Potential of Asymmetric Deprotonation: Arylation of Carbanions

Dioxo Complexes

Z. Gross

The Groves–Spiro Dioxomanganese(V) Story

C–H Activation

M. Christmann

Selective Oxidation of Aliphatic C–H Bonds in the Synthesis of Complex Molecules

Minireviews

Membrane Proteins

H. Yin

Exogenous Agents that Target Transmembrane Domains of Proteins (Cover Picture)

Reviews

Liquid Crystals

J. W. Goodby et al.

Transmission and Amplification of Information and Properties in Nanostructured Liquid Crystals

Communications

Inorganic Fullerene Structures

P. C. Burns et al.

Metal–Oxygen Isopolyhedra Assembled into Fullerene Topologies

STEM Imaging

D. J. Buttrey et al.

Direct Imaging of the MoVTenBO M1 Phase Using An Aberration-Corrected High-Resolution Scanning Transmission Electron Microscope

Asymmetric Catalysis

K. Ding et al.

Chiral Brønsted Acid Catalyzed Asymmetric Baeyer–Villiger Reaction of 3-Substituted Cyclobutanones by Using Aqueous H₂O₂

Cross-Coupling Reactions

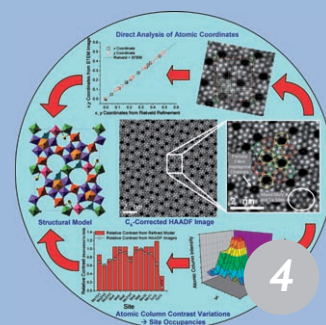
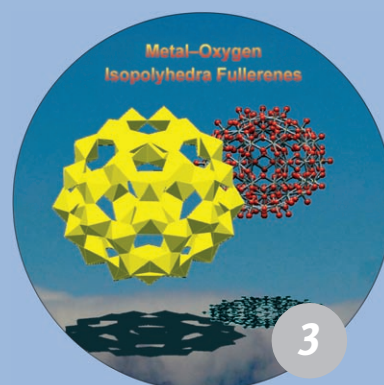
C. Bolm et al.

Iron-Catalyzed S-Arylation of Thiols with Aryl Iodides

Organocatalysis

J. A. Platts, N. C. O. Tomkinson et al.

Kinetics of Iminium Ion Catalysis



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