

Highlights

Homogeneous Catalysis

B. de Bruin et al.

Ligands that Store and Release Electrons during Catalysis

Molecular Motors

E. M. Pérez

Synthetic Molecular Bipeds

Minireviews

C–H Activation

P. S. Baran and T. Newhouse

If C–H Bonds Could Talk—Selective C–H Bond Oxidation

Reviews

J-Aggregates

F. Würthner et al.

J-Aggregates: From Serendipitous Discovery to Supramolecular Engineering of Functional Dye Materials

Communications

Natural Product Synthesis

S. Hanessian et al.

1 Total Synthesis of Pactamycin
(Cover Picture)

Container Molecules

J. R. Nitschke et al.

2 A Self-Assembled M_8L_6 Cubic Cage that Selectively Encapsulates Large Aromatic Guests (Inside Cover)

Nanowire Separation

J. Huang et al.

3 Cross-Flow Purification of Nanowires (Frontispiece)

Polymerization Catalysts

M. Kol et al.

4 Salalen Titanium Complexes in the Highly Isospecific Polymerization of 1-Hexene and Propylene (Back Cover)

Heteroacenes

U. H. F. Bunz et al.

An Efficient Synthesis of Tetraazapentacenes

Bubble Coalescence

R. R. Dagastine et al.

Anomalous Stability of Carbon Dioxide in pH-Controlled Bubble Coalescence

