

Highlights

Aryne Chemistry

A. T. Biju and S. S. Bhojgude

Arynes in Transition-Metal-Free Multicomponent Coupling Reactions

Organic Frustrated Lewis Pairs

M. Alcarazo and J. Iglesias-Sigüenza

Fullerenes as Neutral Carbon-Based Lewis Acids

Minireviews

Asymmetric Catalysis

G. C. Lloyd-Jones et al.

The Even-Handed Approach: Strategies for the Deployment of Racemic Chiral Catalysts

Reviews

Self-Assembly

Z. Lin and W. Han

Learning from “Coffee Rings”: Ordered Structures Enabled by Controlled Evaporative Self-Assembly

Communications

Supramolecular Strands

S. Takeuchi et al.

Meter-Long and Robust Supramolecular Strands Encapsulated in Hydrogel Jackets (Cover Picture)

Protein Microdevices

W. F. Dong, H. B. Sun et al.

Dynamically Tunable Protein Microlenses (Inside Cover)

Synthetic Methods

C.-C. Ling et al.

Diisobutylaluminum Hydride Mediated Regioselective O Desilylations: Access to Multisubstituted Cyclodextrins (Frontispiece)

Photocatalysis

X. Zhao et al.

Hydrogen Production Coupled to Hydrocarbon Oxygenation from Photocatalytic Water Splitting (Inside Back Cover)

Drug Delivery

P. Mukherjee et al.

Switching the Targeting Pathways of a Therapeutic Antibody by Nanodesign (Back Cover)

Homogeneous Catalysis

M. Beller et al.

Two Iron Catalysts are Better than One: A General and Convenient Reduction of Aromatic and Aliphatic Primary Amides

Synthetic Methods

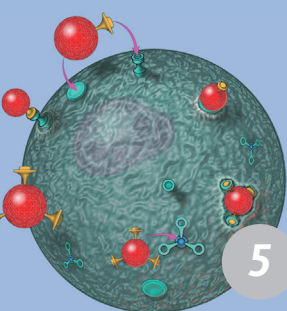
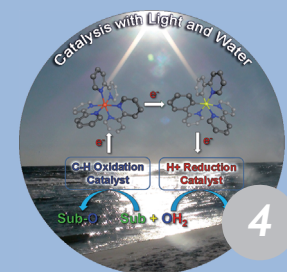
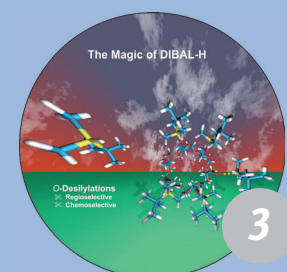
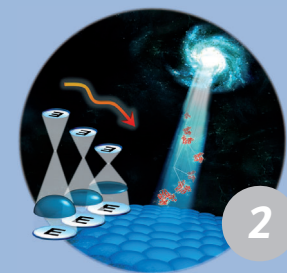
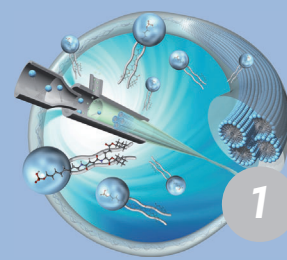
N. Kumagai, M. Shibasaki et al.

Catalytic Asymmetric *anti*-Selective Nitroaldol Reaction En Route to Zanamivir

Molecular Devices

A. Credi, J. F. Stoddart, M. Venturi et al.

Photoinduced Memory Effect in a Redox Controllable Bistable Mechanical Molecular Switch



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