

Highlights

Synthetic Methods

J. E. Moses and C. Spiteri

Copper-Catalyzed Azide–Alkyne Cycloaddition: Regioselective Synthesis of 1,4,5-Trisubstituted 1,2,3-Triazoles

Liquid Crystals

I. Dierking

A New Twist on Chirality: Formation of Chiral Phases from Achiral Molecules in “Banana” Liquid Crystals through Elastic Deformations

Minireviews

Olefin Metathesis

A. H. Hoveyda et al.

Catalytic Enantioselective Olefin Metathesis in Natural Product Synthesis: Chiral Metal-Based Complexes that Deliver High Enantioselectivity and More

Reviews

Frustrated Lewis Pairs

D. W. Stephan and G. Erker

Frustrated Lewis Pairs: Metal-free Hydrogen Activation and More

Communications

Historic Materials

J.-P. Echard, L. Bertrand et al.

The Nature of the Extraordinary Finish of Stradivari's Instruments (**Cover Picture**)

Molecular Devices

M. E. van der Boom et al.

Sequential Logic Operations with Surface-Confined Polypyridyl Complexes Displaying Molecular Random Access Memory Features

Surface Plasmon Polaritons

G. C. Schatz, C. A. Mirkin et al.

Periodic Electric Field Enhancement Along Gold Rods with Nanogaps

A “Silver” Bond?

A. C. Legon, N. R. Walker et al.

Experimental Detection and Properties of $\text{H}_2\text{O}\cdots\text{Ag}-\text{Cl}$ and $\text{H}_2\text{S}\cdots\text{Ag}-\text{Cl}$ by Rotational Spectroscopy

Molecular Capsules

S. Hiraoka, M. Shionoya et al.

Site-Selective Internal Cross-Linking between Mercury(II)-Centered Vertices of an Octahedral Mercury(II) Capsule by a Rod-Shaped Ditopic Ligand

Flow Lithography

P. S. Doyle et al.

Hydrodynamic Focusing Lithography

