

Highlights

Benzynes

H. Butenschön

A New Oxocarbon $C_{12}O_6$ via Highly Strained Benzyne Intermediates

Essays

Chirality

P. Cintas

Tracing the Origins and Evolution of Chirality and Handedness in Chemical Language

Minireviews

Molecular Logic Elements

U. Pischel

Chemical Approaches to Molecular Logic Elements for Addition and Subtraction

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Homogeneous Catalysis

A. R. Chianese et al.

Electrophilic Activation of Alkenes by Platinum(II): So Much More Than a Slow Version of Palladium(II)

Communications

Organic Alloys

V. R. Thalladi et al.

A Supramolecular Approach to Organic Alloys: Cocrystals and Three- and Four-Component Solid Solutions of 1,4-Diazabicyclo[2.2.2]octane and 4-X-Phenols (X = Cl, CH_3 , Br) (**Cover Picture**)

Heterogeneous Catalysis

S. Kobayashi et al.

Aerobic Oxidation of Alcohols at Room Temperature and Atmospheric Conditions Catalyzed by Reusable Gold Nanoclusters Stabilized by the Benzene Rings of Polystyrene Derivatives

Oxygen-Reduction Catalysts

Y. S. Yan et al.

Supportless Pt and PtPd Nanotubes as Electrocatalysts for Oxygen-Reduction Reactions

Gas-Phase MRI

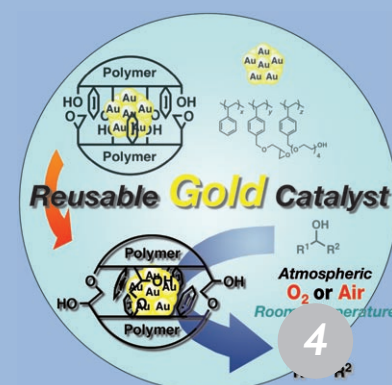
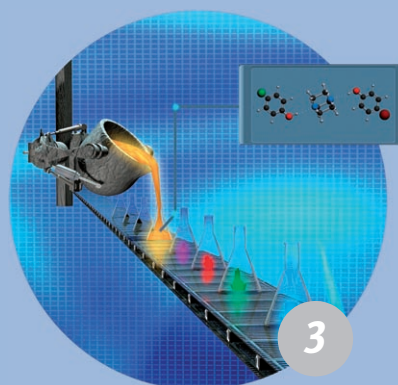
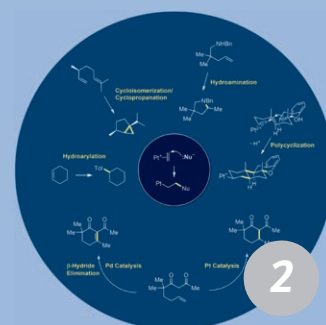
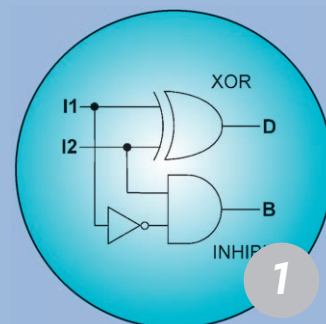
M. S. Anwar et al.

Para-Hydrogen-Enhanced Hyperpolarized Gas-Phase Magnetic Resonance Imaging

Fluoro Metallacrown Compounds

M. A. Halcrow et al.

A Hexacopper Fluoro Metallacrown Cavitand and its Alkali-Metal Complexes



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