

Highlights

Rare Amino Acids

C. Hertweck

Biosynthesis and Charging of Pyrrolysine, the 22nd Genetically Encoded Amino Acid

CO Hydrogenation

K. Meyer and O. P. Lam

Hydrogenation of CO at a Uranium(III) Center

Essays

History of Science

V. A. Erdmann and J. Barciszewski

2011: 50th Anniversary of the Discovery of the Genetic Code

Minireviews

Ionic Liquids

J. M. Shreeve et al.

Ionic Liquids as Hypergolic Fuels

Reviews

Supramolecular Chemistry

A. Frontera, P. Gamez, M. Mascal,
T. J. Mooibroek and J. Reedijk

Putting Anion– π Interactions Into Perspective

Communications

Polymerization Catalysts

S. Mecking et al.

Polymerization Catalyst Laser-Interference Patterning (**Cover Picture**)

Molecular Probes

P. I. Dalko et al.

X-ray Photolysis to Release Ligands from Caged Reagents by an Intramolecular Antenna Sensitive to Magnetic Resonance Imaging (**Inside Cover**)

Photoresponsive Materials

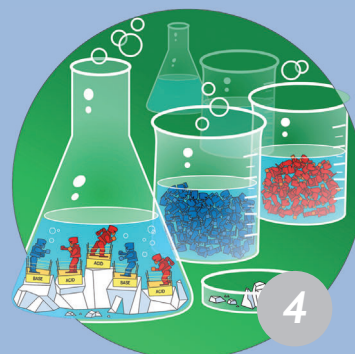
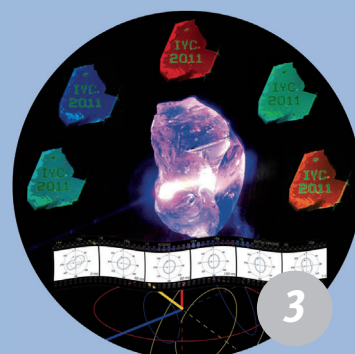
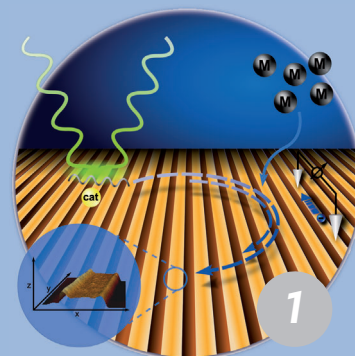
D. M. Bassani et al.

Controlling the Emission Polarization from Single Crystals Using Light: Towards Photopolic Materials (**Frontispiece**)

Bifunctional Catalysis

N. R. Shiju, G. Rothenberg et al.

Mesoporous Silica with Site-Isolated Amine and Phosphotungstic Acid Groups: A Solid Catalyst with Tunable Antagonistic Functions for One-Pot Tandem Reactions (**Back Cover**)



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