

Highlights

Chemistry at Interfaces

C. Wöll

Interfacial Systems Chemistry: Towards the Remote Control of Surface Properties

Selenium Catalysts

C. Santi, T. Wirth et al.

Green Chemistry with Selenium Reagents: Development of Efficient Catalytic Reactions

Minireviews

Asymmetric Materials

A. F. M. Kilbinger and F. Wurm

Polymeric Janus Particles

Reviews

Sustainable Chemistry

J. Iskra et al.

Oxidative Halogenation with “Green” Oxidants: Oxygen and Hydrogen Peroxide

Communications

Diradicals

W. C. Lineberger et al.

The Lowest Singlet and Triplet States of the Oxyallyl Diradical (Cover Picture)

Uranium Clusters

M. Mazzanti et al.

Stable Pentavalent Uranyl Species and Selective Assembly of a Polymetallic Mixed-Valent Uranyl Complex by Cation–Cation Interactions

Drug Discovery

C. Abell et al.

Application of Fragment Growing and Fragment Linking to the Discovery of Inhibitors of *Mycobacterium tuberculosis* Pantothenate Synthetase

Molecular Logic

V. Balzani et al.

Old Molecules, New Concepts: $[\text{Ru}(\text{bpy})_3]^{2+}$ as a Molecular Encoder–Decoder

Methylmercury Determination

R. Martínez-Máñez, K. Rurack et al.

The Determination of Methylmercury in Real Samples Using Organically Capped Mesoporous Inorganic Materials Capable of Signal Amplification

Nanoparticles

G. J. Hutchings et al.

Direct Synthesis of H_2O_2 from H_2 and O_2 over Gold, Palladium, and Gold–Palladium Catalysts Supported on Acid-Pretreated TiO_2

