

Highlights

Biofuels

R. Palkovits

Pentenoic Acid Pathways for Cellulosic Biofuels

Reviews

Nobel Lectures

A. Yonath

Polar Bears, Antibiotics, and the Evolving Ribosome (Nobel Lecture)

Nobel Lectures

V. Ramakrishnan

Unraveling the Structure of the Ribosome (Nobel Lecture)

Nobel Lectures

T. A. Steitz

From the Structure and Function of the Ribosome to New Antibiotics (Nobel Lecture)

Communications

Alcohol Synthesis

K. Nozaki et al.

High-Yielding Tandem Hydroformylation/Hydrogenation of a Terminal Olefin to Produce a Linear Alcohol Using a Rh/Ru Dual Catalyst System (**Cover Picture**)

Polymer Nanostructures

K. Kim et al.

Facile, Template-Free Synthesis of Stimuli-Responsive Polymer Nanocapsules for Targeted Drug Delivery

Vibrational Spectroscopy

W. R. Scheidt et al.

Probing Vibrational Anisotropy with Nuclear Resonance Vibrational Spectroscopy

Domino Reactions

N. Cramer and M. Waibel

Palladium-Catalyzed Arylative Ring-Opening Reactions of Norbornenols: Entry to Highly Substituted Cyclohexenes, Quinolines, and Tetrahydroquinolines

Nanomaterials

B. Lim, Y. Xia et al.

Aqueous-Phase Synthesis of Single-Crystal Ceria Nanosheets

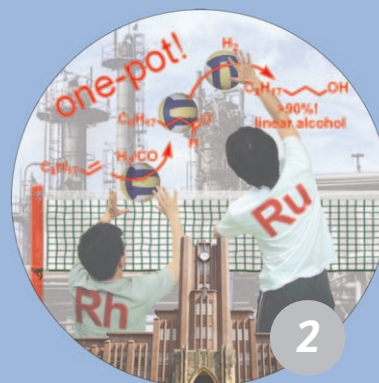
Structure Determination

L. B. McCusker, B. H. Meier, R. Boese, J. D. Dunitz et al.

The Crystal Structure of D-Ribose—At Last!



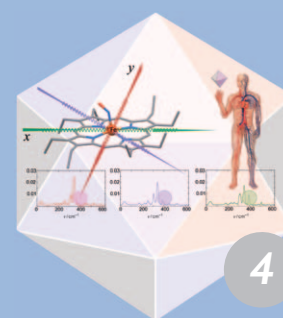
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