

Highlights

CO₂ Fixation

L. Ackermann

Transition-Metal-Catalyzed Carboxylation of C–H Bonds

Metal-Catalyzed Hydrosilylation

K. Osakada

1,4-Hydrosilylation of Pyridine by a Ruthenium Catalyst: A New Reaction and Mechanism

Organocatalysis

P. G. Cozzi et al.

Atroposelective Organocatalysis

Reviews

Renewable Raw Materials

M. A. R. Meier et al.

Oils and Fats as Renewable Raw Materials in Chemistry

Communications

Hydrocarbon Conversion

A. Beretta et al.

Synergy of Homogeneous and Heterogeneous Chemistry Probed by In Situ Spatially Resolved Measurements of Temperature and Composition (**Cover Picture**)

Semiconductor Nanocomposites

Z. Lin et al.

Semiconductor Anisotropic Nanocomposites Obtained by Directly Coupling Conjugated Polymers with Quantum Rods (**Inside Cover**)

Molecular Rotors

D. Écija, W. Auwärter et al.

Assembly and Manipulation of Rotatable Cerium Porphyrinato Sandwich Complexes on a Surface (**Frontispiece**)

Switchable Materials

D. Pinkowicz, B. Sieklucka et al.

Double Switching of a Magnetic Coordination Framework through Intraskelatal Molecular Rearrangement (**Back Cover**)

Orthogonal Cross-Couplings

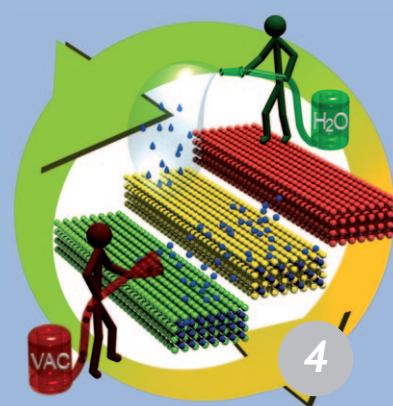
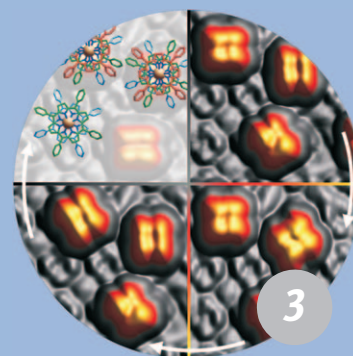
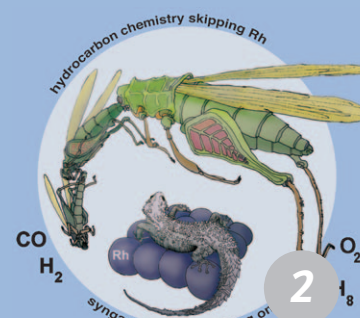
M. G. Organ et al.

Differentiating C–Br and C–Cl Bond Activation by Using Solvent Polarity: Applications to Orthogonal Alkyl–Alkyl Negishi Reactions

Natural Product Synthesis

L. Neuville, J. Zhu et al.

Protecting-Group-Free Total Synthesis of (E)- and (Z)-Alstoscholarine



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