

Highlights

Raman Microscopy

P. Hildebrandt

A Spectral Window to the Cell

Structure Hierarchy

U. Jonas and M. Vamvakaki

From Fluidic Self-Assembly to Hierarchical Structures—
Superhydrophobic Flexible Interfaces

Reviews

Porous Materials

B. C. Tappan et al.

Nanoporous Metal Foams

Communications

Nanotechnology

H. Marbach et al.

Electrons as “Invisible Ink”: Fabrication of Nanostructures by Local Electron Beam Induced Activation of SiO_x (**Cover Picture**)

Nanoparticles

R. E. Schaak et al.

Colloidal Synthesis of Non-Equilibrium Wurtzite-Type MnSe

C–O Bond Activation

Z.-J. Shi et al.

Direct Application of Phenolic Salts to Nickel-Catalyzed Cross-Coupling Reactions with Aryl Grignard Reagents

Carbocyclization

S. F. Kirsch et al.

Electrophilic Cyclization of 1,5-Enynes

Organocatalysis

B. List et al.

Catalytic Asymmetric Reductive Amination of α -Branched Ketones

Nucleotide Stereochemistry

J. D. Sutherland and M. W. Powner

Phosphate-Mediated Interconversion of *Ribo*- and *Arabino*-Configured Prebiotic Nucleotide Intermediates

Metal–Organic Frameworks

S. M. Cohen and C. Volkringer

Generating Reactive MILs: Isocyanate- and Isothiocyanate-Bearing MILs through Postsynthetic Modification

Switchable Architectures

A. H. Flood et al.

Interconverting Two Classes of Architectures by Reduction of a Self-Sorting Mixture

