

Highlights

Biofuel Cells

U. Schröder

From In Vitro to In Vivo—Biofuel Cells Are Maturing

Vibrational Spectroscopy

S. Fornarini and M. E. Crestoni

Jahn–Teller Distortion of Hydrocarbon Cations Probed by Infrared Photodissociation Spectroscopy

Minireviews

Nitrenes

P. Dauban et al.

Nitrene Chemistry in Organic Synthesis: Still in Its Infancy?

Reviews

Block Copolymers

I. Manners et al.

Functional Block Copolymers: Nanostructured Materials with Emerging Applications

Communications

Ethynyl Azides

K. Banert, A. A. Auer et al.

1-Azido-1-Alkynes: Synthesis and Spectroscopic Characterization of Azidoacetylene (**Cover Picture**)

Synthetic Methods

M. P. Croatt and I. F. D. Hyatt

Reactions of Hypervalent Iodonium Alkynyl Triflates with Azides: Generation of Cyanocarbenes (**Cover Picture**)

Nanoparticles in MOFs

B. A. Grzybowski et al.

Nanoparticle Core/Shell Architectures within MOF Crystals Synthesized by Reaction Diffusion (**Inside Cover**)

Nanotechnology

S. H. Yu et al.

Macroscale Ordered Ultrathin Telluride Nanowire Films, and Tellurium/Telluride Hetero-Nanowire Films (**Frontispiece**)

Cancer Cell Detection

B. Tang et al.

A Multicolor Nanoprobe for Detection and Imaging of Tumor-Related mRNAs in Living Cells (**Inside Back Cover**)

Reaction Kinetics

J. Kneipp et al.

Studying the Kinetics of Nanoparticle-Catalyzed Reactions by Surface-Enhanced Raman Scattering (**Back Cover**)

Natural Product Synthesis

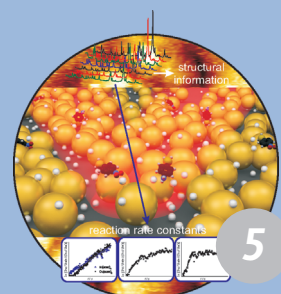
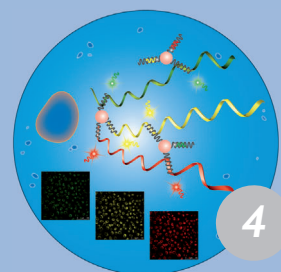
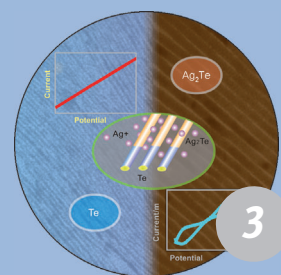
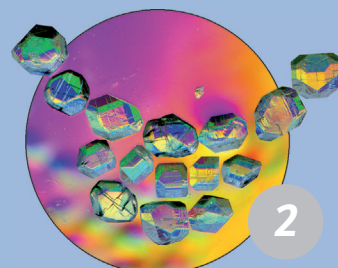
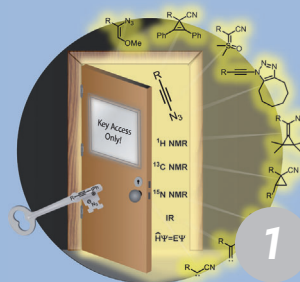
C. D. Vanderwal et al.

A Synthesis of Echinopine B

Photocatalysis

K. Sakai et al.

Photoinduced Hydrogen Evolution from Water by a Simple Platinum(II) Terpyridine Derivative: A Z-Scheme Photosynthesis



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