

Highlights

Asymmetric Catalysis

M. Klussmann

Asymmetric Reductive Amination by Combined Brønsted Acid and Transition-Metal Catalysis

C–H Activation

J. Zhao, L. Liu et al.

Meta-Selective Transition Metal Catalyzed Arene C–H Bond Functionalization

Minireviews

Mass Spectrometry

R. R. Julian and T. Ly

Ultraviolet Photodissociation: Developments towards Applications for Mass-Spectrometry-Based Proteomics

Reviews

Samarium Diiodide

K. C. Nicolaou et al.

Samarium Diiodide Mediated Reactions in Total Synthesis

Communications

Micropatterning

S. K. Sia et al.

Microscale Control of Stiffness in a Cell-Adhesive Substrate Using Microfluidics-Based Lithography (Cover Picture)

Poly(polyoxometalate)s

J. M. Clemente-Juan, G.-Y. Yang et al.

Poly(polyoxotungstate)s with 20 Nickel Centers: From Nanoclusters to One-Dimensional Chains

Nanoarchitectures

G. W. Meng et al.

A General Synthetic Approach to Interconnected Nanowire/Nanotube and Nanotube/Nanowire/Nanotube Heterojunctions with Branched Topology

Directed Manganation

P. Knochel et al.

Directed Manganation of Functionalized Arenes and Heterocycles Using $\text{tmp}_2\text{Mn} \cdot 2 \text{MgCl}_2 \cdot 4 \text{LiCl}$

Rearrangement Reactions

C. Fehr et al.

Enantioselective Synthesis of (–)- β -Santalol by a Copper-Catalyzed Enynol Cyclization–Fragmentation Reaction

Asymmetric Organocatalysis

P. Melchiorre et al.

Organocascade Reactions of Enones Catalyzed by a Chiral Primary Amine

