

Highlights

Transcription

J. Michaelis and B. Treutlein

Direct Observation of Single RNA Polymerase Processing through a Single Endogenous Gene in a Living Yeast Cell

B₁₂-Radical Chemistry

B. Kräutler and B. Puffer

More Radical Magic with B₁₂: B₁₂-Catalyzed, Light-Induced Cleavage of DNA

Reviews

Synthetic Methods

P. Knochel et al.

Regio- and Chemoselective Metalation of Arenes and Heteroarenes Using Hindered Metal Amide Bases

Communications

Bond Activation

G. Bertrand et al.

Bond Activation with an Apparently Benign Ethynyl Dithiocarbamate
 $\text{Ar}-\text{C}\equiv\text{C}-\text{S}-\text{C}(\text{S})\text{NR}_2$ (**Cover Picture**)

Mixed-Metal Chemistry

E. Hevia et al.

Magnesium-Mediated Benzothiazole Activation: A Room-Temperature Cascade of C–H Deprotonation, C–C Coupling, Ring-Opening, and Nucleophilic Addition Reactions (**Inside Cover**)

Chemical Logic Gates

E. U. Akkaya et al.

From Virtual to Physical: Integration of Chemical Logic Gates (**Frontispiece**)

Natural Products

M. Kita, H. Kigoshi et al.

Development of Highly Cytotoxic and Actin-Depolymerizing Biotin Derivatives of Aplyronine A (**Back Cover**)

Iron Catalysis

D. Milstein et al.

Low-Pressure Hydrogenation of Carbon Dioxide Catalyzed by an Iron Pincer Complex Exhibiting Noble Metal Activity

Natural Products

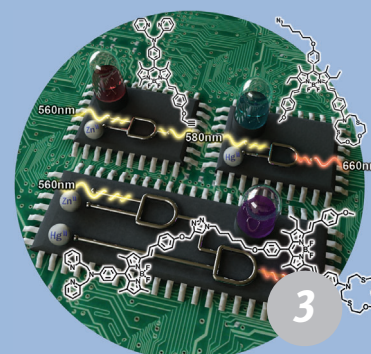
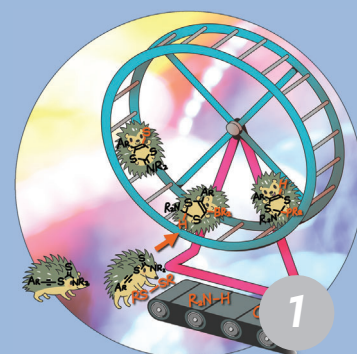
A. A. Brakhage, C. Hertweck et al.

Cytotoxic Pheofungins from an Engineered Fungus Impaired in Posttranslational Protein Modification

Cross-Coupling

S. L. Buchwald et al.

A Single Phosphine Ligand Allows Palladium-Catalyzed Intermolecular C–O Bond Formation with Secondary and Primary Alcohols



Issue 42/2011 will be
published on October 10, 2011.