

## Highlights

### Binary Catalytic Systems

A. S. K. Hashmi and C. Hubbert

Gold and Organocatalysis Combined

### Cooperative Catalysis

F. García-Tellado et al.

Asymmetric Alkynylation of Imines by Cooperative Hydrogen Bonding and Metal Catalysis

## Minireviews

### N<sub>2</sub>O activation

W. B. Tolman

Binding and Activation of N<sub>2</sub>O at Transition-Metal Centers: Recent Mechanistic Insights

## Reviews

### Clinical Chemistry

J. Durner

Clinical Chemistry: Challenges for Analytical Chemistry and the Nanosciences from Medicine

## Communications

### Natural Product Synthesis

P. S. Baran et al.

Total Synthesis of Palau'amine  
(Cover Picture)

### Atomic Force Microscopy

H. E. Gaub and E. M. Puchner

Exploring the Conformation-Regulated Function of Titin Kinase by Mechanical Pump and Probe Experiments with Single Molecules

### Sensors

C. J. Yang, W. Tan et al.

An Aptamer Cross-Linked Hydrogel as a Colorimetric Platform for Visual Detection

### Coupling Reactions

L. J. Gooßen et al.

Decarboxylative Cross-Coupling of Aryl Tosylates with Aromatic Carboxylate Salts

### Copper Catalysis

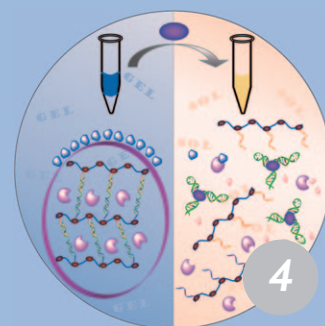
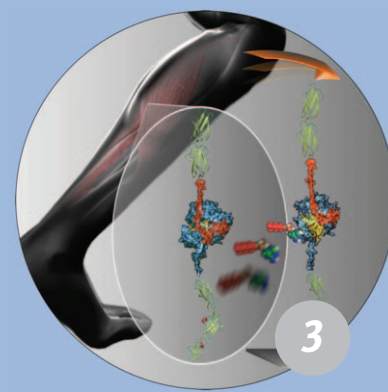
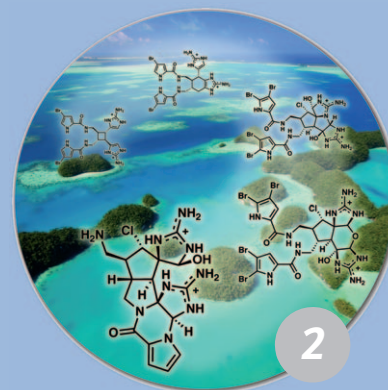
A. B. Charette et al.

Copper-Catalyzed Direct Alkenylation of N-Iminopyridinium Ylides

### Sonoluminescence

K. S. Suslick et al.

Temperature Inhomogeneity during Multibubble Sonoluminescence



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