

## Highlights

### Natural Products

H.-D. Arndt et al.

Thiopeptide Antibiotic Biosynthesis

### Gallium Clusters

R. Wolf and W. Uhl

Main-Group-Metal Clusters Stabilized by N-Heterocyclic Carbenes

### Photonic Crystals

T. Hellweg

Towards Large-Scale Photonic Crystals with Tuneable Bandgaps

## Minireviews

### Enzyme Mechanisms

W. Buckel

Radical and Electron Recycling in Catalysis

## Reviews

### Analytical Chemistry

C. B. Mao et al.

Virus-Based Chemical and Biological Sensing

## Communications

### Asymmetric Catalysis

K. A. Jørgensen et al.

Achieving Molecular Complexity by Organocatalytic One-Pot Strategies—A Fast Entry for Synthesis of Sphingoids, Amino Sugars, and Polyhydroxylated  $\alpha$ -Amino Acids (Cover Picture)

### DNA Detection

X. Liu et al.

Ultrasensitive and Selective Colorimetric DNA Detection by Nicking Endonuclease Assisted Nanoparticle Amplification

### Chemical Hydrogen Storage

D. A. Dixon, J. C. Gordon et al.

Efficient Regeneration of Partially Spent Ammonia Borane Fuel

### Separation of Isomers

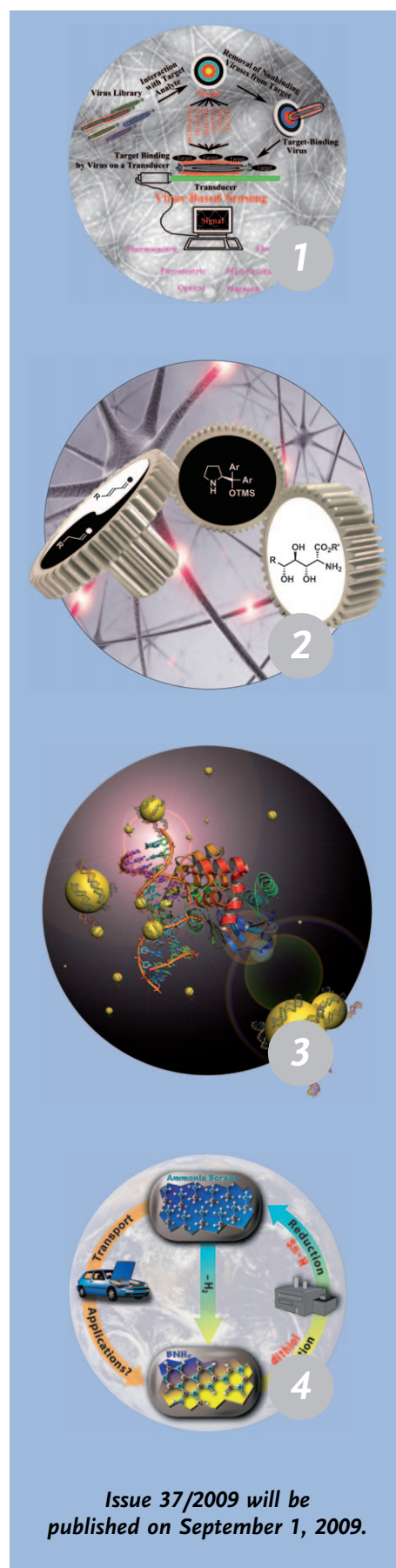
J. Küpper, H. Stapelfeldt et al.

Pure Samples of Individual Conformers: The Separation of Stereoisomers of Complex Molecules Using Electric Fields

### C–H Activation

F. Glorius et al.

Palladium-Catalyzed Amidation of Unactivated C(sp<sup>3</sup>)–H Bonds: from Anilines to Indolines



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