

## Highlights

### Solution NMR Spectroscopy

O. Zerbe

First Solution Structures of Seven-Transmembrane Helical Proteins

## Minireviews

### Nitrogen Heterocycles

V. Gevorgyan and B. Chattopadhyay

Transition-Metal-Catalyzed Denitrogenative Transannulation: Converting Triazoles into Other Heterocyclic Systems

## Reviews

### Single-Molecule Analysis

M. Endo, H. Sugiyama et al.

Single-Molecule Analysis Using DNA Origami

## Communications

### Mesoporous Materials

B. Zhang et al.

Nanoporous Single-Crystal-Like  $\text{Cd}_x\text{Zn}_{1-x}\text{S}$  Nanosheets Fabricated by the Cation-Exchange Reaction of Inorganic–Organic Hybrid  $\text{ZnS}$ –Amine with Cadmium Ions **(Cover Picture)**

### Photochromic Actuators

M. Irie et al.

Light-Driven Molecular-Crystal Actuators: Rapid and Reversible Bending of Rodlike Mixed Crystals of Diarylethene Derivatives **(Inside Cover)**

### Liquid Crystals

D. Liu, D. J. Broer et al.

Photo-Switchable Surface Topologies in Chiral Nematic Coatings **(Frontispiece)**

### Drug Discovery

M. Nazaré, H. Matter et al.

Fragment Deconstruction of Small, Potent Factor Xa Inhibitors: Exploring the Superadditivity Energetics of Fragment Linking in Protein–Ligand Complexes **(Inside Back Cover)**

### Surface Chemistry

M. Lieberman, S. O. Kim et al.

DNA Origami Nanopatterning on Chemically Modified Graphene **(Back Cover)**

### Palladium Catalysis

T. Skrydstrup et al.

Palladium-Catalyzed Carbonylative  $\alpha$ -Arylation for Accessing 1,3-Diketones

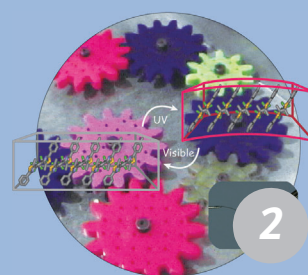
### Methane Activation

A. Fielicke et al.

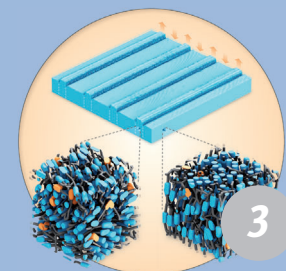
Activated Methane on Small Cationic Platinum Clusters



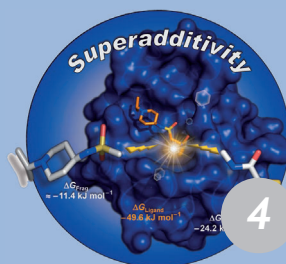
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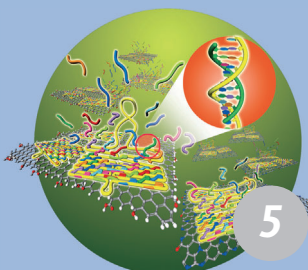
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