

## Highlights

### [2+2+2] Cycloaddition

M. Hapke and K. Kral

Metal-Free Cyclotrimerization for the De Novo Synthesis of Pyridines

### Porphyrinoids

M. Bröring

How Should Aromaticity Be Described in Porphyrinoids?

### Chlorophyll

B. Kräutler

A New Factor in Life's Quest for Energy

## Minireviews

### Enzyme Inhibitors

E. Meggers

From Conventional to Unusual Enzyme Inhibitor Scaffolds: The Quest for Target Specificity

## Reviews

### Directed Reactions

B. Breit and G. Rousseau

Removable Directing Groups in Organic Synthesis and Catalysis

## Communications

### Nanoribbon Synthesis

K. Müllen et al.

Graphene Nanoribbons by Chemists: Nanometer-Sized, Soluble, and Defect-Free **(Cover Picture)**

### 3D Chemical Scaffolds

D. H. Gracias et al.

Three-Dimensional Chemical Patterns for Cellular Self-Organization **(Inside Cover)**

### Biosensors

X. Guo, X. Fang et al.

Single-Molecule Detection of Proteins Using Aptamer-Functionalized Molecular Electronic Devices **(Frontispiece)**

### Structure Elucidation

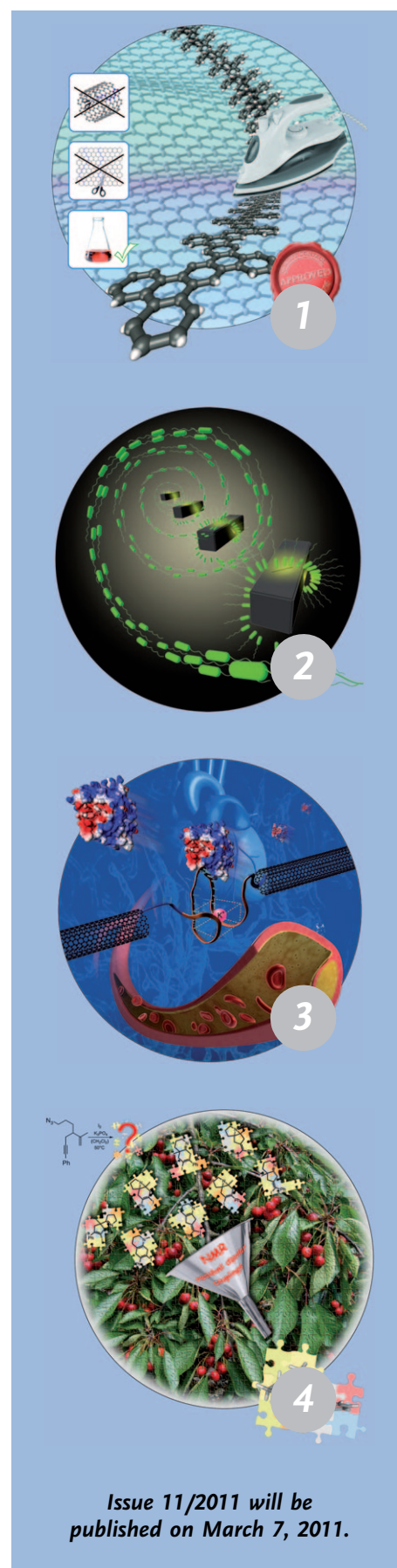
S. F. Kirsch, B. Luy et al.

Residual Dipolar Couplings as a Powerful Tool for Constitutional Analysis: The Unexpected Formation of Tricyclic Compounds **(Back Cover)**

### Mass Spectrometry

R. G. Cooks et al.

Synchronized Inductive Desorption Electrospray Ionization Mass Spectrometry



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