

Highlights

Natural Products

C. Ducho

Convergence Leads to Success: Total Synthesis of the Complex Nonribosomal Peptide Polytheonamide B

α -Oligofurans

U. H. F. Bunz

α -Oligofurans: Molecules without a Twist

Reviews

Photochemistry

1

Artificial Light-Gated Catalyst Systems

S. Hecht and R. S. Stoll

Communications

Magnetic Properties

2

A Docosanuclear $\{\text{Mo}_8\text{Mn}_{14}\}$ Cluster Based on $[\text{Mo}(\text{CN})_7]^{4-}$ (Cover Picture)

K. R. Dunbar et al.

Blue Luminescent Leaves

3

Hypermodified Fluorescent Chlorophyll Catabolites: Source of Blue Luminescence in Senescent Leaves

B. Kräutler et al.

DNA Nanotechnology

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Programmable Shape-Shifting Micelles

N. C. Gianneschi et al.

Water Wires

A. P. Davis et al.

Water Chains in Hydrophobic Crystal Channels: Nanoporous Materials as Supramolecular Analogues of Carbon Nanotubes

Natural Products

S. A. Snyder et al.

Total Syntheses of Dalesconol A and B

Artificial Metalloenzymes

M. T. Reetz et al.

An Artificial Metalloenzyme: Creation of a Designed Copper Binding Site in a Thermostable Protein

Biomimetics

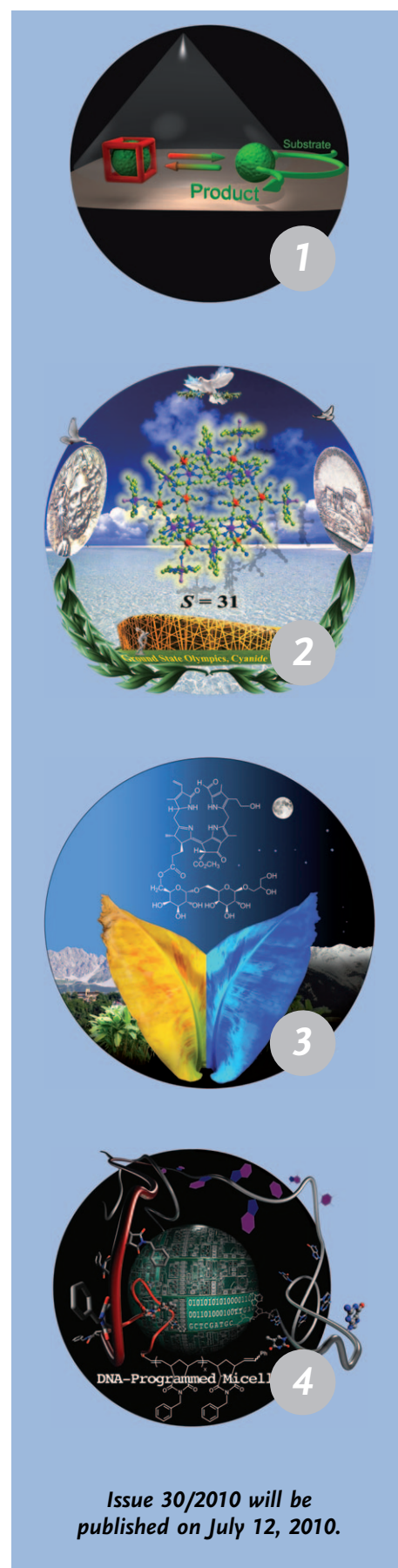
F. Zelder and K. Zhou

Vitamin B₁₂ Mimics Having a Peptide Backbone and Tuneable Coordination and Redox Properties

Ferromagnetic Materials

A. K. Powell et al.

Combined Magnetic Susceptibility Measurements and ^{57}Fe Mössbauer Spectroscopy on a Ferromagnetic $\{\text{Fe}^{\text{III}}_4\text{Dy}_4\}$ Ring



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