

Highlights

Fluorescent Probes

C.-Q. Sheng, W. Wang et al.

Fluorescent Probes for the Detection of Hydrogen Sulfide in Biological Systems

Light-Driven Muscle

G. M. Spinks

Deforming Materials With Light: Photoresponsive Materials Muscle In On the Action

Minireviews

Protein Design

J. W. Chin et al.

Reprogramming the Genetic Code: From Triplet to Quadruplet Codes

Reviews

Synthetic Methods

H. Hopf and M. S. Sherburn

Dendralenes Branch Out: Cross-Conjugated Oligoenes Allow the Rapid Generation of Molecular Complexity

Communications

Sensor Arrays

P. Anzenbacher, Jr. et al.

Toward Wearable Sensors: Fluorescent Attoreactor Mats as Optically Encoded Cross-Reactive Sensor Arrays **(Cover Picture)**

Nanodevices

I. Willner et al.

Programmed Dynamic Topologies in DNA Catenanes **(Inside Cover)**

Polysilanes

T. Iwamoto et al.

Persilastaffanes: Design, Synthesis, Structure, and Conjugation between Silicon Cages **(Frontispiece)**

Molecular Devices

X. Zhang, W. Tan et al.

An Autonomous and Controllable Light-Driven DNA Walking Device **(Inside Back Cover)**

Nanocrystals

Y. Xia et al.

Controlling the Nucleation and Growth of Silver on Palladium Nanocubes by Manipulating the Reaction Kinetics **(Back Cover)**

Natural Product Synthesis

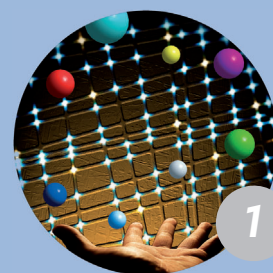
T. Fukuyama et al.

Total Syntheses of All the Amathaspiramides

Rearrangements

L. Latos-Grażyński et al.

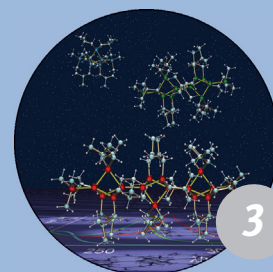
From 21,23-Dioxaporphyrin to a 3-Pyrone Dioxacorrrole Skeleton: The Achmatowicz Rearrangement in the Porphyrin Frame



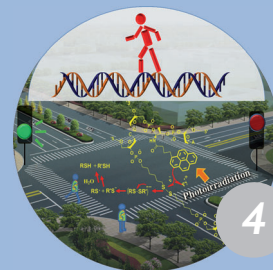
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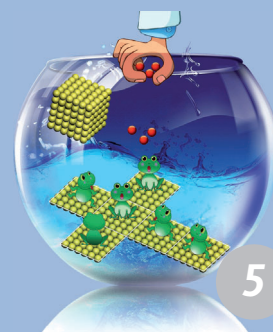
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