

Highlights

Supramolecular Chemistry

T. Akasaka, S. Nagase et al.

Soluble and Tubular Higher Fullerenes that Encapsulate Metals

Total Synthesis

N. Maulide and F. Frébault

Total Synthesis and Structural Revision of the Piperarborenines: When Photochemistry Meets C–H Activation

Minireviews

Molecular Materials

F. Diederich and P. Rivera-Fuentes

Allenes in Molecular Materials

Reviews

Synthetic Methods

S. J. Danishefsky et al.

A Fascinating Journey into History: Exploration of the World of Isonitriles En Route to Complex Amides

Communications

Neurite Outgrowth

Y. Nam, I. S. Choi, J. S. Lee et al.

In Vitro Developmental Acceleration of Hippocampal Neurons on Nanostructures of Self-Assembled Silica Beads in Filopodium-Size Ranges (**Cover Picture**)

Heterogeneous Catalysis

E. Kim, A. Vinu et al.

Catalytic Polymerization of Anthracene in a Recyclable SBA-15 Reactor with High Iron Content by a Friedel–Crafts Alkylation (**Inside Cover**)

G-Quadruplex DNA Channels

G. Wu et al.

Free-Energy Landscapes of Ion Movement through a G-Quadruplex DNA Channel (**Frontispiece**)

Drug Delivery

J. Luo, K. S. Lam et al.

Well-Defined, Reversible Boronate Cross-linked Nanocarriers for Targeted Drug Delivery in Response to Acidic pH Values and *cis*-Diols (**Inside Back Cover**)

Enantioselective Gold Catalysis

L. M. Slaughter and S. Handa

Enantioselective Alkynylbenzaldehyde Cyclizations Catalyzed By Chiral Gold(I) Acyclic Diaminocarbene Complexes Containing Weak Au–Arene Interactions (**Back Cover**)

Polar– π Interactions

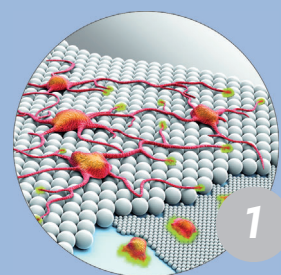
K. K. Baldrige, F. Cozzi, and J. S. Siegel

Basicity of (2,6-Pyridino)paracyclophanes: Lone Pair– π , Cation– π , and Solvation Effects

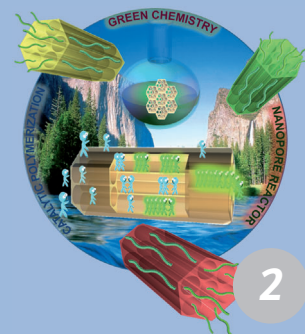
Surface Chemistry

A. Hozumi et al.

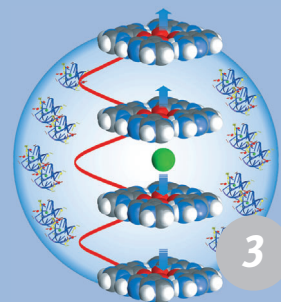
A Statically Oleophilic but Dynamically Oleophobic Smooth Nonperfluorinated Surface



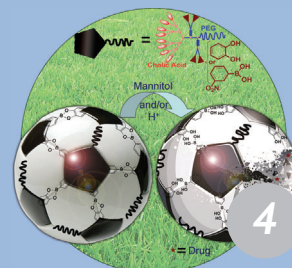
1



2



3



4



5

Issue 12/2012 will be
published on March 19, 2012.