

Highlights

Polyene Structures

S. Kim

Synthesis and Structural Analysis of One-Dimensional sp-Hybridized Carbon Chain Molecules

Total Synthesis

P. E. Floreancig

Highly Convergent Synthesis of Peluroside A

Minireviews

Protein Microarrays

C. M. Niemeyer, H. Waldmann et al.

Applications of Protein Biochips in Biomedical and Biotechnological Research

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Nanomaterials

C. N. R. Rao et al.

Graphene: The New Two-Dimensional Nanomaterial

Communications

Cyclopamine

A. Giannis et al.

Synthesis of Cyclopamine Using a Biomimetic and Diastereoselective Approach **(Cover Picture)**

High Oxidation States

M. F. Zhou, S. Riedel et al.

Formation and Characterization of the Iridium Tetroxide Molecule with Iridium in the Oxidation State +VIII

Transparent Conducting Oxides

M. Driess and Y. Aksu

A Low-Temperature Molecular Approach to Highly Conductive Tin-Rich Indium Tin Oxide Thin Films with Durable Electro-Optical Performance

Synthetic Methods

J. F. Hartwig and L. M. Stanley

Iridium-Catalyzed Regio- and Enantioselective N-Allylation of Indoles

Organocatalysis

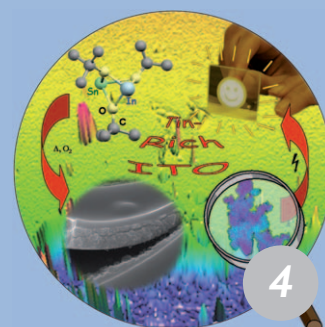
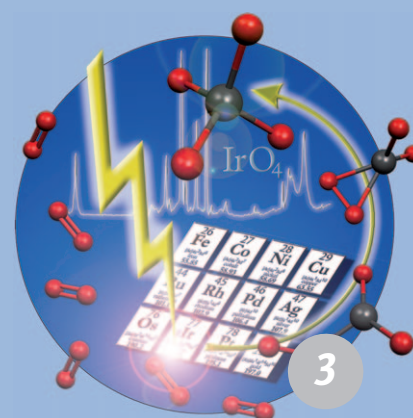
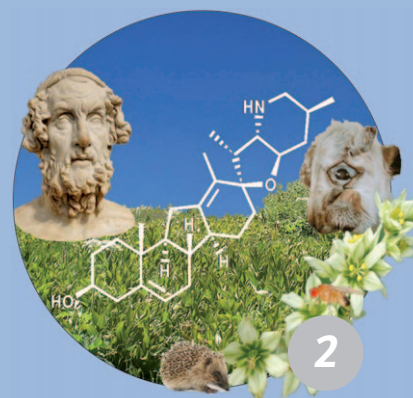
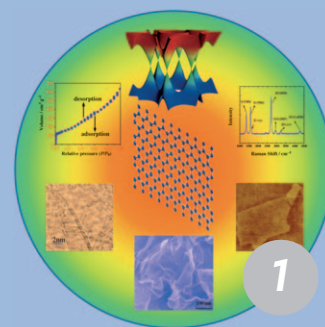
P. Melchiorre et al.

Asymmetric Organocatalytic Cascade Reactions with α -Substituted α,β -Unsaturated Aldehydes

Silver Bipyramids

G. C. Schatz, C. A. Mirkin et al.

Plasmon-Mediated Synthesis of Silver Triangular Bipyramids



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