

Highlights

Aziridine Synthesis

S. Bräse and N. Jung

New Catalysts for the Transition-Metal-Catalyzed Synthesis of Aziridines

Reactive Intermediates

H.-J. Himmel and G. Linti

OPN and SPN: Small Molecules with Great Potential

Minireviews

Hydrogen-Atom Transfer

H. Schwarz et al.

Thermal Hydrogen-Atom Transfer from Methane: The Role of Radicals and Spin States in Oxo-Cluster Chemistry

Reviews

Valence Bond Diagrams

S. Shaik et al.

Hydrogen-Abstraction Reactivity Patterns from A to Y: The Valence Bond Way

Communications

Ethylene Detection

T. M. Swager et al.

Selective Detection of Ethylene Gas Using Carbon Nanotube-based Devices: Utility in Determination of Fruit Ripeness **(Cover Picture)**

Antibiotics

S. Garneau-Tsodikova, M. Fridman et al.

6'-Thioether Tobramycin Analogues: Towards Selective Targeting of Bacterial Membranes **(Inside Cover)**

Protein Folding

G. Bulaj et al.

Reagentless Oxidative Folding of Disulfide-Rich Peptides Catalyzed by an Intramolecular Diselenide **(Frontispiece)**

Supraparticles

S. Granick and N. Yanai

Directional Self-Assembly of a Colloidal Metal–Organic Framework **(Inside Back Cover)**

Biogenic Nanoparticles

S. Y. Lee, T. S. Seo et al.

Homogeneous Biogenic Paramagnetic Nanoparticle Synthesis Based on a Microfluidic Droplet Generator **(Back Cover)**

Aerogel Electrocatalysts

A. Eychmüller et al.

High-Performance Electrocatalysis on Palladium Aerogels

Optochemical Genetics

D. Trauner et al.

A Photochromic Agonist of AMPA Receptors

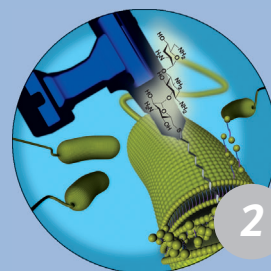
Amide Ligation

J. W. Bode et al.

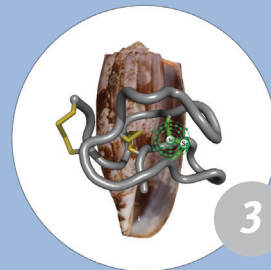
Amide-Forming Ligation of Acyltrifluoroborates and Hydroxylamines in Water



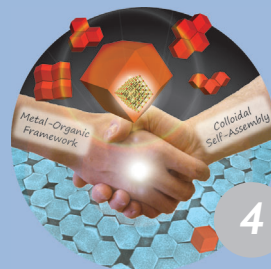
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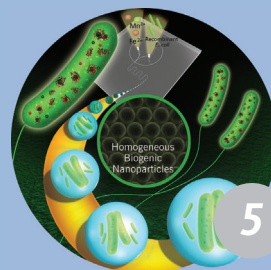
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