

Highlights

Ligand Design

H. G. Raubenheimer

Monomeric Linear Diaminocarbene Complexes of Gold(I) Show Merit in Enantioselective Catalysis

Proteinase Inhibitors

W. Hinrichs, U. Hahn et al.

Human α_2 -Macroglobulin—Another Variation on the Venus Flytrap

Trifluoromethylation

D. Cahard et al.

Tamed Arene and Heteroarene Trifluoromethylation

Minireviews

Coordination Chemistry

P. D. Beer and A. J. McConnell

Heteroditopic Receptors for Ion-Pair Recognition

Reviews

Cross-Coupling

T. J. Colacot, V. Snieckus et al.

Palladium-Catalyzed Cross-Coupling: A Historical Contextual Perspective to the 2010 Nobel Prize

Communications

Protein Ligations

J. W. Bode et al.

Chemical Protein Synthesis by Chemoselective α -Ketoacid–Hydroxylamine (KAHA) Ligations with 5-Oxaproline (**Cover Picture**)

Switchable Materials

T. Liu, O. Sato, C.-Y. Duan et al.

Photoswitchable Dynamic Magnetic Relaxation in a Well-Isolated $\{\text{Fe}_2\text{Co}\}$ Double-Zigzag Chain (**Inside Cover**)

Supramolecular Chemistry

C. A. Deakyne, J. L. Atwood et al.

Solution-phase Structures of Gallium-containing Pyrogallol[4]arene Scaffolds (**Frontispiece**)

Porous Organic Crystals

M. Mastalerz and I. M. Oppel

Rational Construction of an Extrinsic Porous Molecular Crystal with an Extraordinary High Specific Surface Area (**Inside Back Cover**)

Electrode Materials

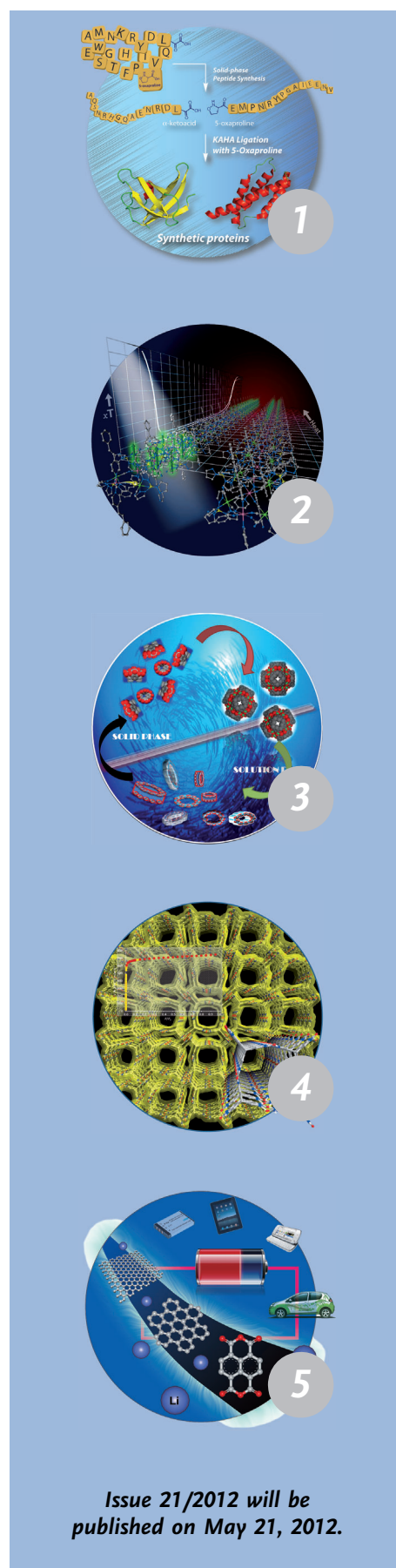
T. Sun et al.

How Many Lithium Ions Can Be Inserted onto Fused C_6 Aromatic Ring Systems? (**Back Cover**)

Synthetic Methods

J. Zhu et al.

Palladium(II)-Catalyzed Intramolecular Diamination of Alkynes under Aerobic Oxidative Conditions: Catalytic Turnover of an Iodide Ion



Issue 21/2012 will be
published on May 21, 2012.