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K. J. Szabó and L. T. Pilarski

Palladium-Catalyzed Direct Synthesis of Organoboronic Acids

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A. M. Beauchemin and I. Dion

Asymmetric Brønsted Acid Catalysis Enabling Hydroaminations of Dienes and Allenes

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H. A. Wegner and M. Auzias

Gold for C–C Coupling Reactions: A Swiss-Army-Knife Catalyst?

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A. J. R. Heck and C. Uetrecht

Modern Biomolecular Mass Spectrometry and its Role in Studying Virus Structure, Dynamics, and Assembly

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Chemical Glycobiology

V. Wittmann et al.

Mechanism of Multivalent Carbohydrate–Protein Interactions Studied by EPR Spectroscopy (**Cover Picture**)

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M. Sawamura et al.

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J. P. Douliez et al.

Smart Foams: Switching Reversibly between Ultrastable and Unstable Foams (**Frontispiece**)

Methane Conversion

J. S. Chen et al.

Efficient Sunlight-Driven Dehydrogenative Coupling of Methane to Ethane over a Zn^{2+} -Modified Zeolite (**Back Cover**)

Organocatalysis

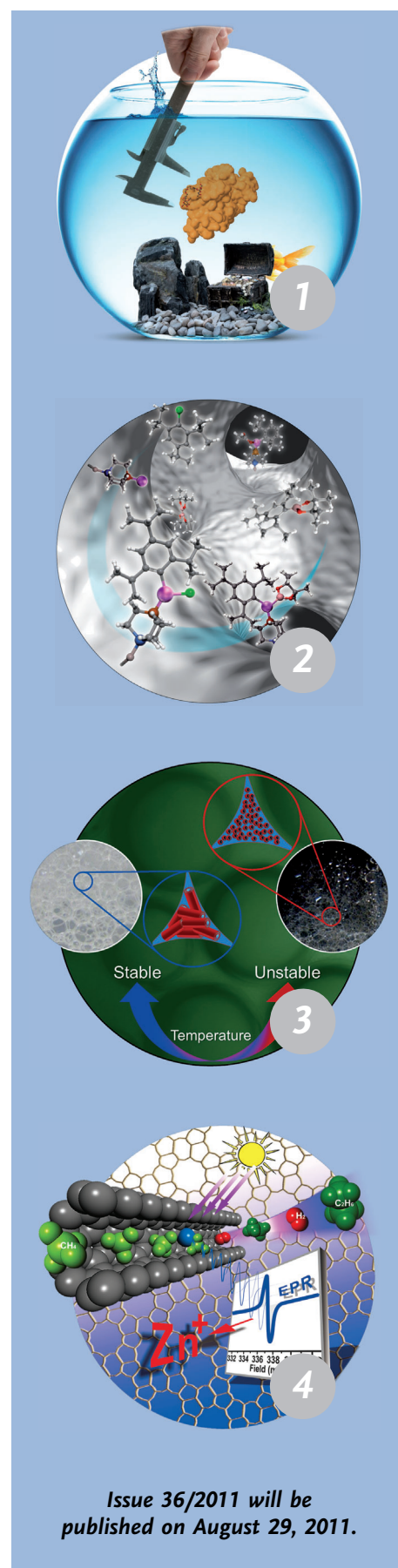
F. Glorius et al.

N-Heterocyclic Carbene Catalyzed Umpolung of Michael Acceptors for Intermolecular Reactions

Low-Valent Phosphorus

H.-F. Grützmacher, H. Grützmacher et al.

Phosphination of Carbon Monoxide: A Simple Synthesis of Sodium Phosphaethynolate (NaOCP)



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