

Highlights

Catalysis

A. Thomas and M. Driess

Bridging the Materials Gap in Catalysis:
Entrapment of Molecular Catalysts in
Functional Supports and Beyond

Borylene Complexes

H. Braunschweig and R. D. Dewhurst

Reversible σ -Borane-to-Borylene
Transformation: A Little Something For
Everyone

Hydroboration

V. K. Aggarwal and S. P. Thomas

Asymmetric Hydroboration of
1,1-Disubstituted Alkenes

Reviews

Glycosidation

X. Zhu and R. R. Schmidt

New Principles for Glycoside-Bond
Formation

Communications

Bioanalytical Methods

S. Schlücker et al.

SERS Labels for Red Laser Excitation:
Silica-Encapsulated SAMs on Tunable
Gold/Silver Nanoshells (**Cover Picture**)

Peptide–Peptide Interactions

E. Gazit et al.

Cognitive-Performance Recovery of
Alzheimer's Disease Model Mice by
Modulation of Early Soluble Amyloid
Assemblies

Glycosylation

C. Unverzagt et al.

Semisynthesis of a Homogeneous
Glycoprotein Enzyme: Ribonuclease C:
Part 1

Organocatalysis

B. List et al.

The Proline-Catalyzed Double Mannich
Reaction of Acetaldehyde with *N*-Boc
Imines

Gallium Chemistry

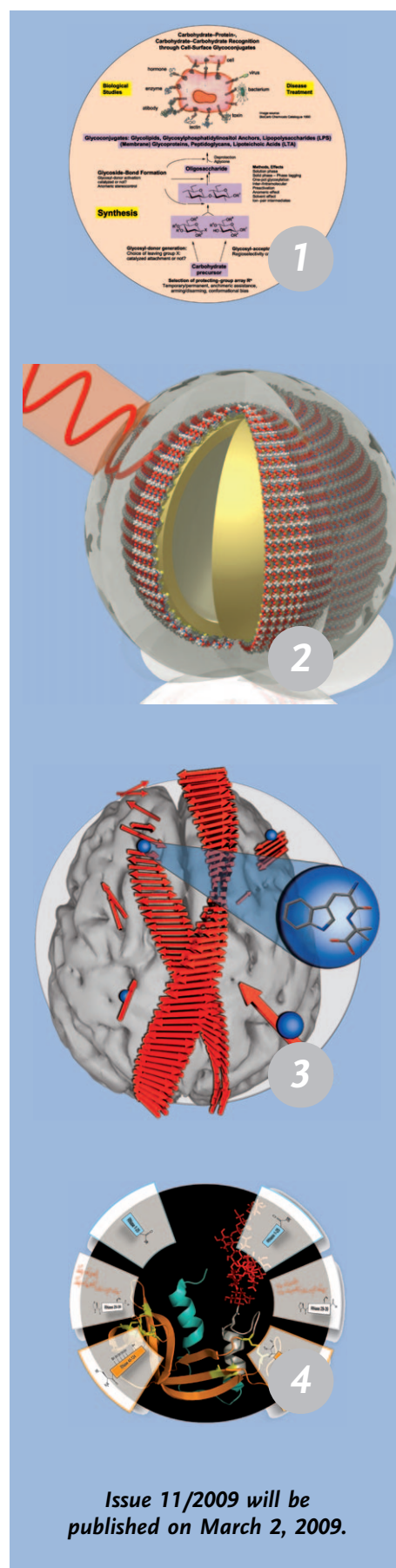
P. P. Power et al.

Addition of Hydrogen or Ammonia to a
Low-Valent Group 13 Metal Species at
25°C and 1 Atmosphere

C–H Activation

S.-I. Murahashi et al.

Iridium-Catalyzed Reactions of
Trifluoromethylated Compounds with
Alkenes: A C_{sp^3} –H Bond Activation α to
the Trifluoromethyl Group



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