

Highlights

Arylboronates

P. Merino and T. Tejero

Expanding the Limits of Organoboron Chemistry: Synthesis of Functionalized Arylboronates

Asymmetric Catalysis

D. Vogt

Cobalt-Catalyzed Asymmetric Hydrovinylation

Minireviews

Coordinated Amine–Boranes

G. Alcaraz and S. Sabo-Etienne

Coordination and Dehydrogenation of Amine–Boranes at Metal Centers

Reviews

Applications of DNA

S. K. Silverman

DNA as a Versatile Chemical Component for Catalysis, Encoding, and Stereocontrol

Communications

Homogeneous Catalysis

Y. Nishibayashi et al.

Cooperative Catalytic Reactions Using Organocatalysts and Transition-Metal Catalysts: Enantioselective Propargylic Alkylation of Propargylic Alcohols with Aldehydes (**Cover Picture**)

Tunneling

T. P. M. Goumans and J. Kästner

Hydrogen-Atom Tunneling Could Contribute to H₂ Formation in Space

Anion Interactions

H. T. Chifotides, K. R. Dunbar et al.

The π -Accepting Arene HAT(CN)₆ as a Halide Receptor through Charge-Transfer: Multisite Anion Interactions and Self-Assembly in Solution and the Solid-State

Synthetic Methods

M. S. Sigman et al.

Catalyst-Controlled Wacker-Type Oxidation of Protected Allylic Amines

Cyclopropanation

T. Nishimura, T. Hayashi et al.

Asymmetric Cyclopropanation of Alkenes with Dimethyl Diazomalonate Catalyzed by Chiral Diene–Rhodium Complexes

Asymmetric Catalysis

E. N. Jacobsen and G. E. Veitch

Tertiary Aminourea-Catalyzed Enantioselective Iodolactonization

