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# Angewandte Chemie

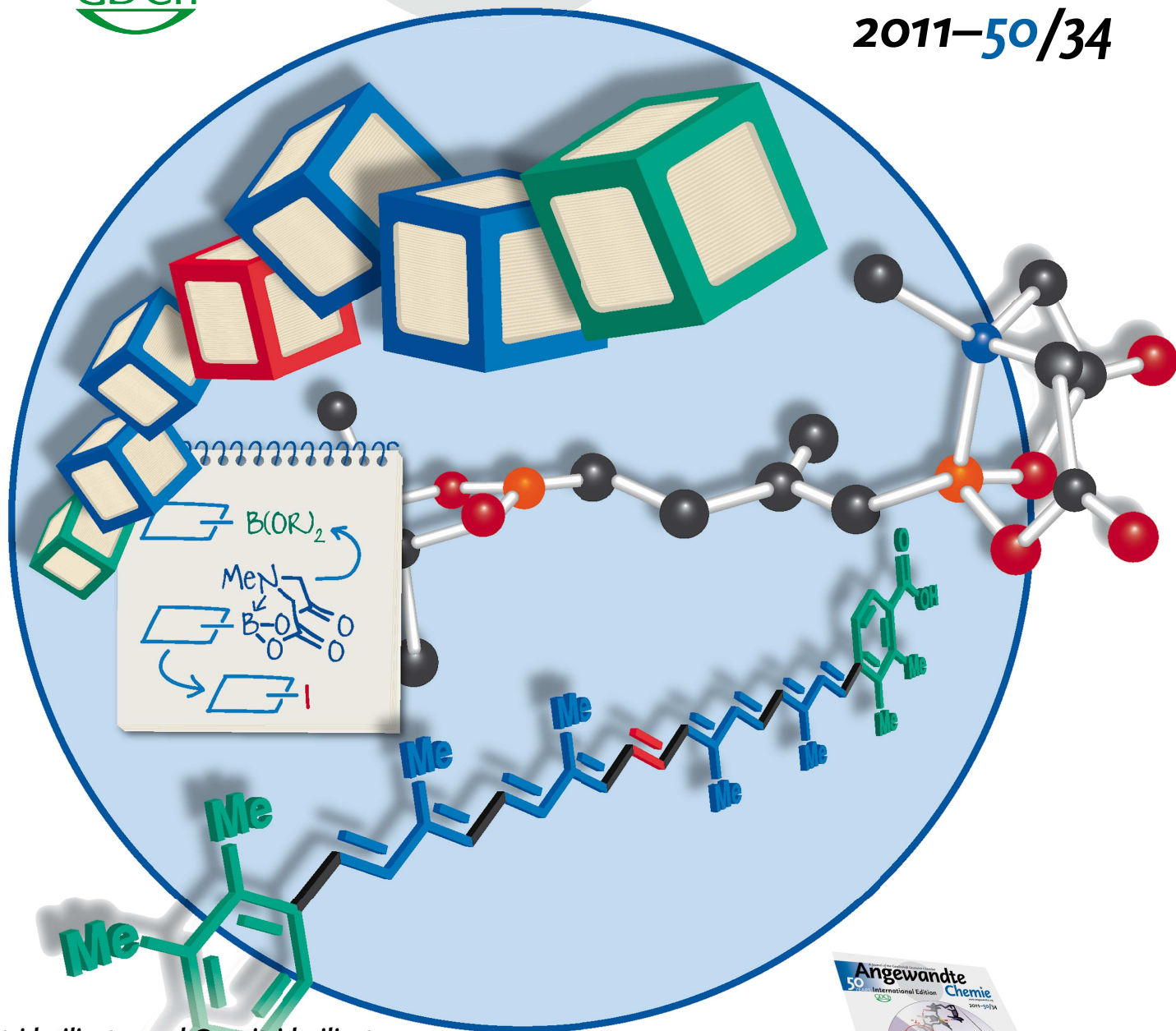
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**Nitridosilicates and Oxonitridosilicates**

W. Schnick et al.

**Cyclobutanes in Catalysis**

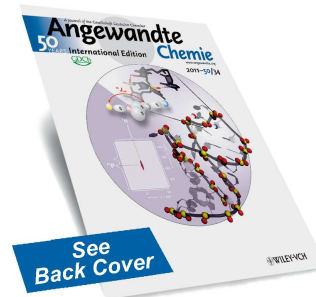
N. Cramer et al.

**Asymmetric Bromoamination**

K. Ding and S.-X. Huang

**Reductive Cyclization with  $\text{SmI}_2$**

D. J. Procter and M. Szostak



## Cover Picture

Seiko Fujii, Stephanie Y. Chang, and Martin D. Burke\*

**Iterative cross-coupling** of preassembled building blocks is a simple strategy for the construction of complex small molecules. M. D. Burke and co-workers describe in their Communication on page 7862 ff. the efficient transformation of a boronate functional group into either a nucleophile or an electrophile. This advance enabled the total synthesis of synechoxanthin by assembling three building blocks iteratively with only one reaction.

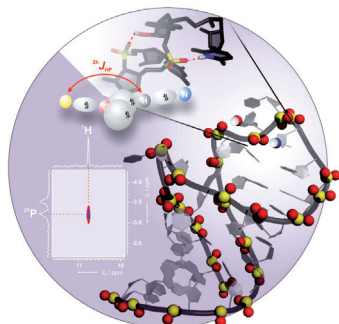
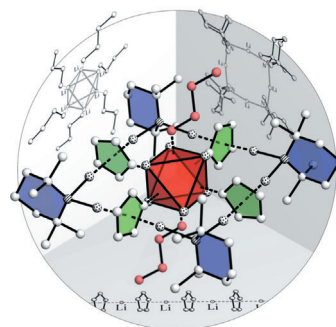


### Ceramic Materials

Nitridosilicates and related compounds have undergone a renaissance. In their Review on page 7754 ff., W. Schnick and co-workers present the remarkable spectrum of structural features and versatile applications of these compounds as functional materials.

### Organolithium Compounds

In their Communication on page 7776 ff., J. Klett et al. present extraordinary crossing reactions that involve three common organolithium reagents, namely cyclopentadienide, lithium tetramethylpiperidide, and *n*-butyllithium.



### RNA Structure Elucidation

Hydrogen bonds involving the backbone phosphate moieties as acceptors often stabilize RNA tertiary structure elements. J. Wöhnert and co-workers describe in their Communication on page 7927 ff. how such bonds can be detected by NMR spectroscopy.