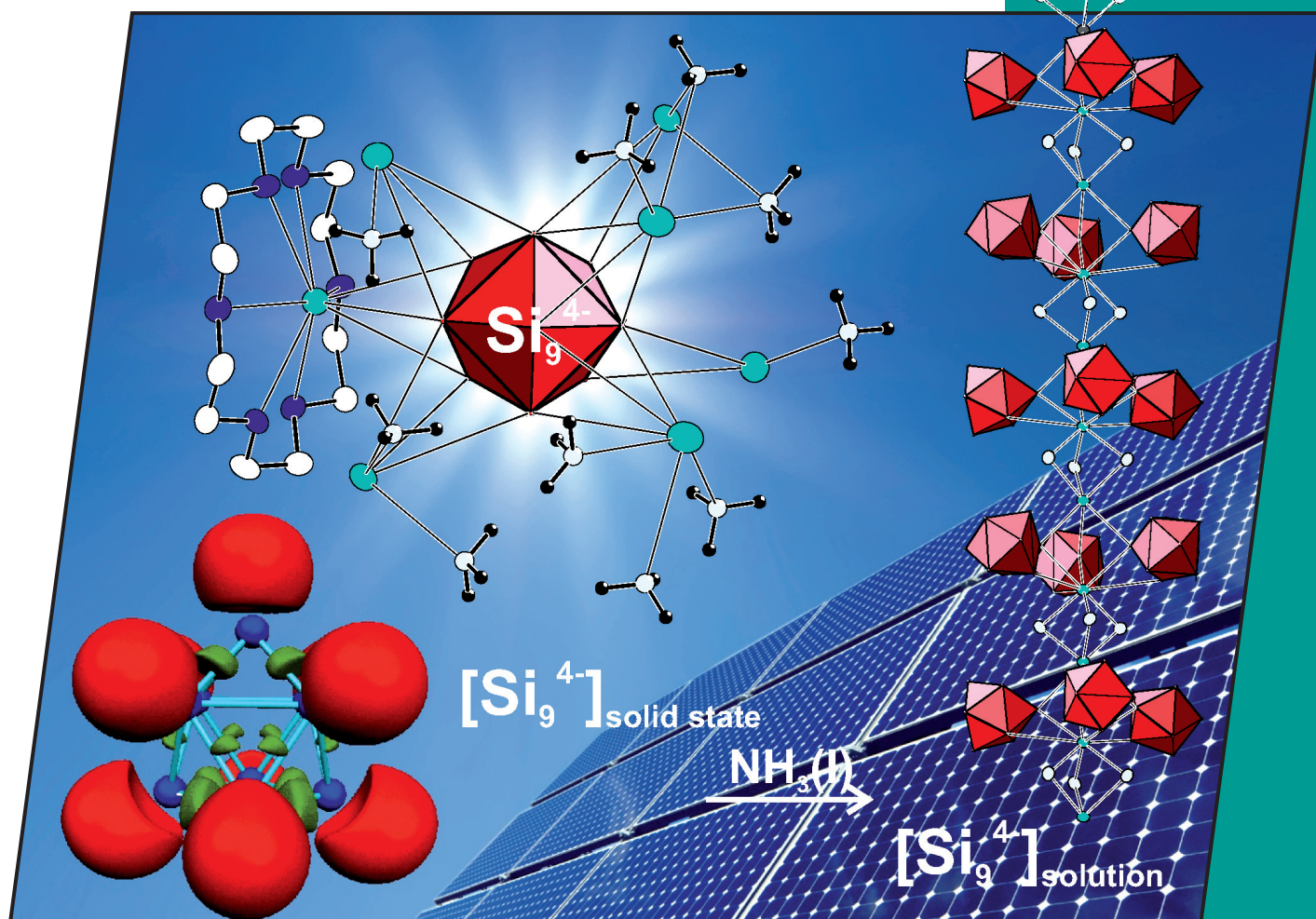


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# EurJIC

European Journal of  
Inorganic Chemistry



## Cover Picture

Nikolaus Korber et al.  
 $\text{Si}_9^{4-}$  Anions in Solution

## Microreview

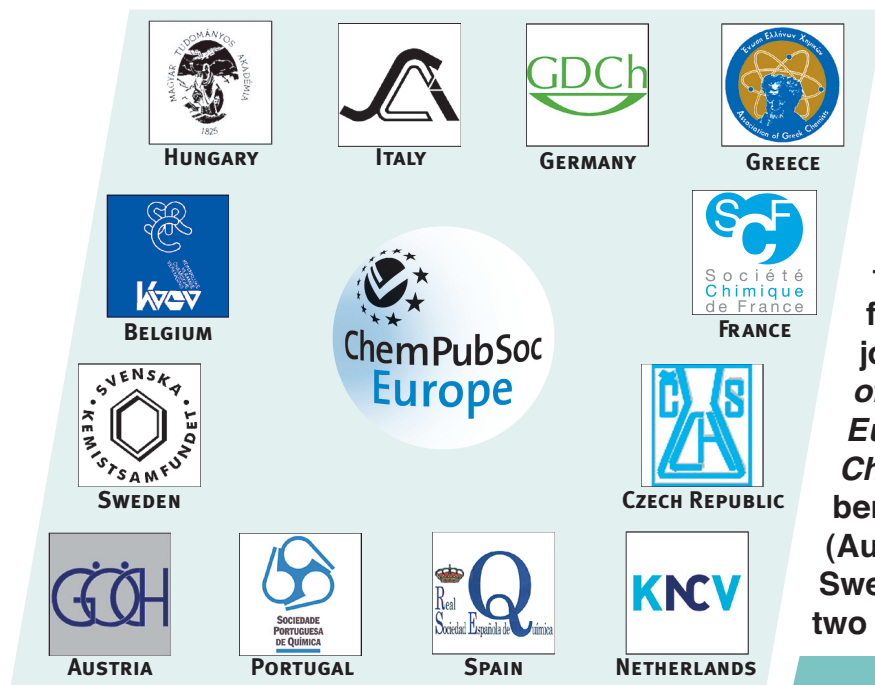
Russell P. Hughes  
Conversion of C–F Bonds to C–H, C–C, and Carbon–Heteroatom Bonds

 WILEY-VCH

[www.eurjic.org](http://www.eurjic.org)

A Journal of





A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

## COVER PICTURE

The cover picture shows significant parts of the crystal structures of  $\text{Rb}(\text{18-crown-6})\text{Rb}_3\text{Si}_9\cdot 4\text{NH}_3$  and  $\text{Rb}_4\text{Si}_9\cdot 4.75\text{NH}_3$ . On the left, the coordination sphere of the nonasilicide anion in the 18-crown-6-containing compound is shown. The second structural part shows the Rb-ammonia-nonasilicide strands found in the crystal structure of  $\text{Rb}_4\text{Si}_9\cdot 4.75\text{NH}_3$ . The existence of these thermally labile ammoniates demonstrates that it is possible to extract  $\text{Si}_9^{4-}$  anions from a ternary solid-state material into a liquid ammonia solution without further oxidation. This opens the door to chemical transformations of bare electron-rich silicon clusters. The ELF picture on the left shows that no evidence for three-center, two-electron bonding can be found, although the Wade–Mingos–Williams rules obviously apply for the prediction of the molecular shape of the anions. Details are discussed in the article by N. Korber et al. on p. 4641 ff.

