

A Journal of the Gesellschaft Deutscher Chemiker

D 3461

Angewandte Chemie

International Edition

GDCh

www.angewandte.org

2008–47/37



Chirality Recognition

A. Zehnacker and M. A. Suhm

Ionic Liquids

P. Domínguez de María

Highlights: Surface Chemistry • C–C Coupling • Tunnel Effect

ACIEFS 47 (37) 6925–7140 (2008) · ISSN 1433–7851 · Vol. 47 · No. 37

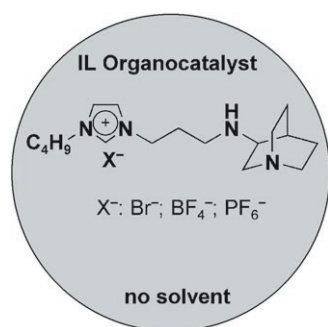
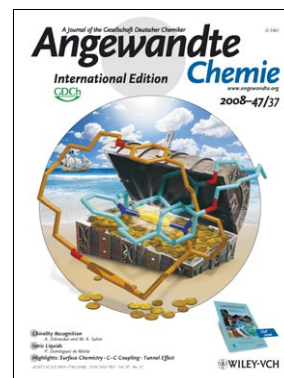


 **WILEY-VCH**

Cover Picture

Stephen M. Goldup, David A. Leigh,* Paul J. Lusby,
Roy T. McBurney, and Alexandra M. Z. Slawin

There's gold in them thar rings according to David Leigh and co-workers in their Communication on page 6999 ff. The last of the simple metal coordination geometries—linear—has joined the family of metal–ligand arrangements that have been used to template the formation of the mechanical bond. Catenanes and rotaxanes can be easily synthesized using this versatile gold(I)-directed assembly, suggesting that there may be plenty more treasure uncovered using this interlocking template system.

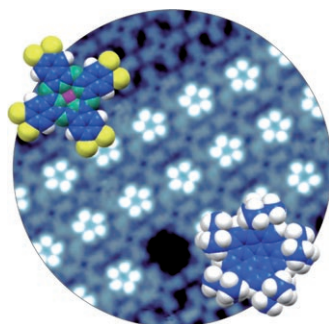


Ionic Liquids

In his Minireview on page 6960 ff., P. Domínguez de María throws a light on “non-solvent” applications of ionic liquids and shows that the potential of these compounds extends well beyond their use as solvents.

Chirality Recognition

Noncovalent interactions between chiral molecules can be studied at low temperature by various spectroscopic methods. These investigations are discussed by A. Zehnacker and M. A. Suhm in their Review on page 6970 ff.



Phthalocyanine Networks

Two different packing motifs of corannulene guest molecules in a flexible network of functionalized phthalocyanine molecules are described by B. Calmettes and co-workers in their Communication on page 6994 ff.