

A Journal of the Gesellschaft Deutscher Chemiker

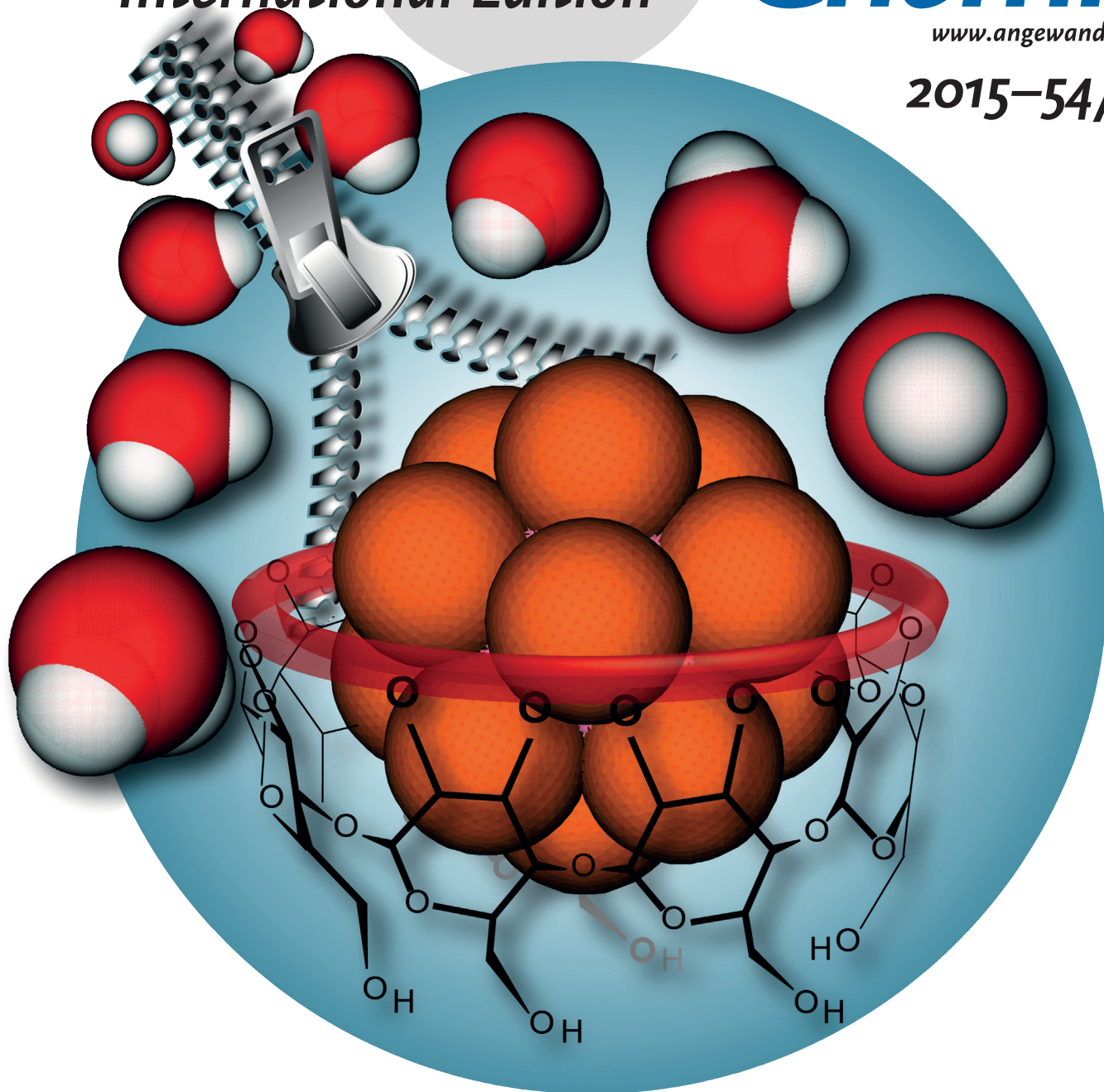
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2015–54/23



A supramolecular anchor motif ...

... has been found that consists of dodecaborate dianions ($B_{12}X_{12}^{2-}$, $X = H, Cl, Br, I$) as purely inorganic guests and γ -cyclodextrin as a macrocyclic host. As shown by K. Rissanen, D. Gabel, W. M. Nau et al. in their Communication on page 6852 ff., the high micromolar affinity of this hybrid organic–inorganic host–guest complex is traced back to the chaotropic (water structure-breaking) nature of the globular clusters, their shape complementarity, and their high polarizabilities.

WILEY-VCH