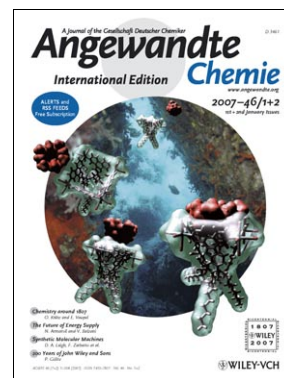


Cover Picture

Enrique Botana, Eric Da Silva, Jordi Benet-Buchholz, Pablo Ballester, and Javier de Mendoza*

Hunter and hunted is not only a principle of nature but is also found in host–guest systems. J. de Mendoza and co-workers describe in their Communication on page 198 ff. how a host molecule (a small calix[4]arene or cavitand) can itself become the “prey” for a larger host (a metallocavitand made from a calix[4]arene with [3,8]phenanthroline subunits linked through Re atoms). The cover picture shows the complexation of a cavitand (by P. Ballester) superimposed on an underwater picture at Cap Andritxol, Mallorca (by E. Botana).



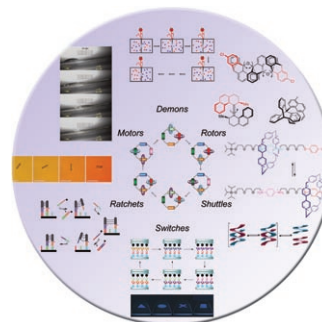
Renewable Energies

Energy is the most important issue of the 21st century. In their Essay on page 52 ff., N. Armaroli and V. Balzani discuss the impending energy crisis and the fundamental challenges we face both as scientists and as responsible citizens.



Molecular Devices

The underlying principles for the design of synthetic molecular machines is described by D. A. Leigh and co-workers in their Review on page 72 ff. The progress made towards utilizing the machines to perform tasks is also highlighted.



Helical Nanotubes

In their Communication on page 194 ff., J. K. M. Sanders and co-workers show that the helical chirality of nanotubes formed by amino acid derivatives of naphthalenediimide is determined by the constituent amino acid but is independent of the nature of the side chains.

