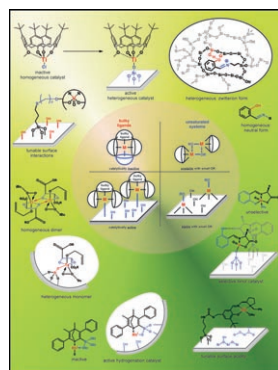
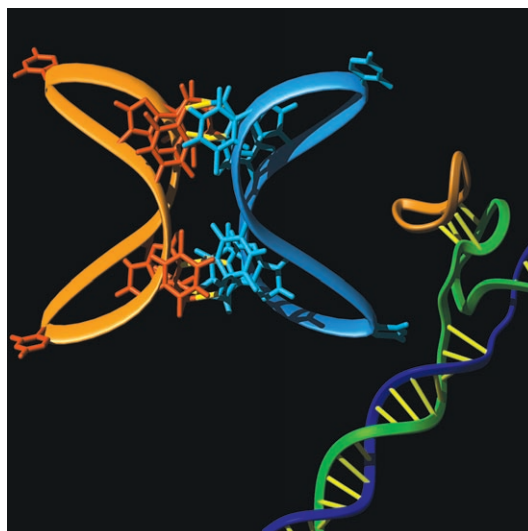


A new family of...

... quadruplex structures, based on tetrads aligned in the minor groove, are formed from induced-fit recognition of DNA by small cyclic oligonucleotides. The detailed NMR investigation of these complexes along with structure calculations are described by C. González, E. Pedroso et al. in their Full Paper on page 4035 ff.

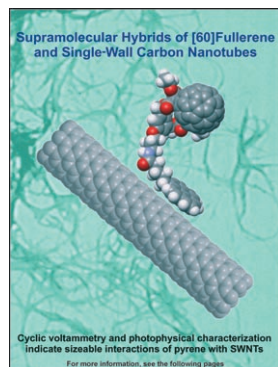
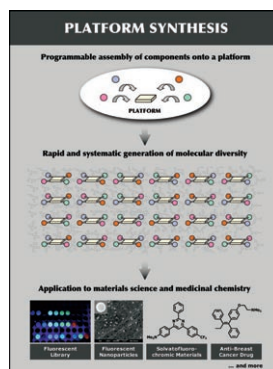


Surface Chemistry

In the Concept on page 3954 ff., A. Katz and J. M. Notestein describe the role of the surface in providing a continuum of outer-sphere acid strength and acid–base distances, which can facilitate extraordinarily versatile acid–base bifunctional catalysis when used in conjunction with a basic active site.

Platform Synthesis

In their Concept on p. 3966 ff., K. Itami and J. Yoshida describe a useful strategy for generating molecular diversity, namely, platform synthesis. This simple yet powerful strategy realizes the synthesis of a number of interesting multi-functional molecules, such as multisubstituted olefins, in a programmable and diversity-oriented format.



Carbon Nanotubes Dispersed

In their Full Paper on p. 3975 ff., Maggini, Guldi, Paolucci, Prato et al. report that noncovalent interactions between purified single-wall carbon nanotubes (SWNT) and a [60]fullerene–pyrene dyad **1** enabled the homogeneous dispersion of purified SWNT in organic solvents. Cyclic voltammetry data and photophysical and microscopic characterization of the dispersed material indicate that π – π interactions between the sidewalls of SWNT and the pyrene moiety of **1** govern the formation of hybrids **1**–SWNT, as depicted here.

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