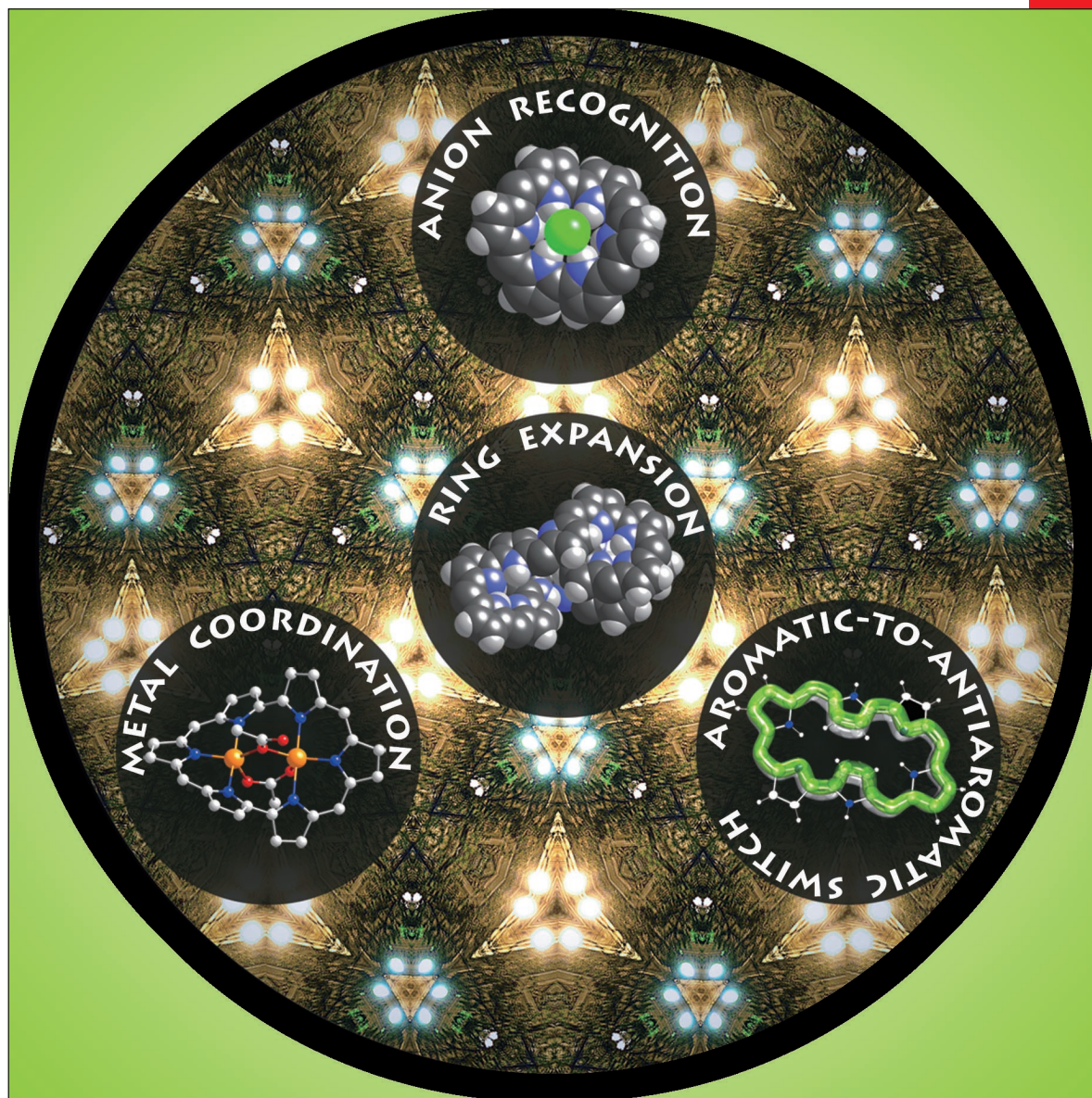


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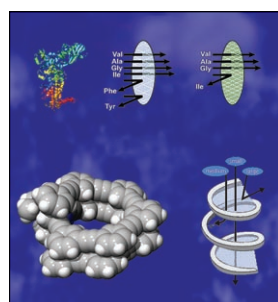
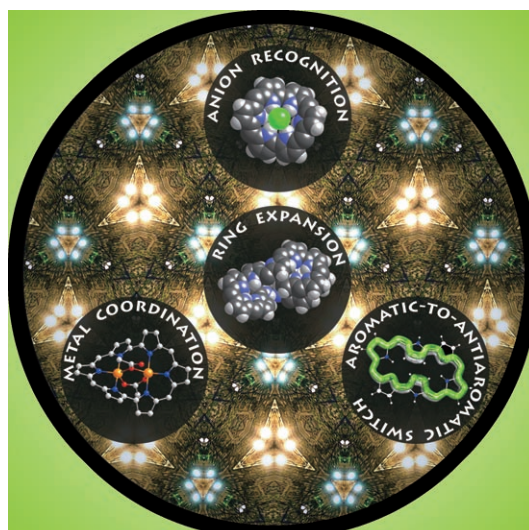
Concept

Reactive Sieving with Foldamers:
Inspiration from Nature and Directions for the Future
J. S. Moore and R. A. Smaldone

 WILEY-VCH

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... is just like looking into a kaleidoscope. Similar complexity is obtained from simple components, in which novel properties, or "patterns", are derived from a single molecule. The selected properties of expanded porphyrins depicted as black circles are described by A. Osuka, J. L. Sessler et al. in their Full Paper on page 2668 ff.

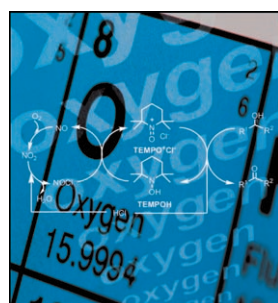
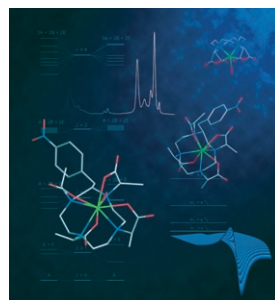


Supramolecular Structures

In their Concept article on page 2650 ff., J. S. Moore and R. A. Smaldone report on foldamers as a class of supramolecular structures that combine reactivity and recognition along with dynamic structural properties and convenient modular synthesis.

Electron-Spin Relaxation

In their Full Paper on page 2658 ff., A. Borel, M. Woods et al. describe the use of electron-paramagnetic resonance spectroscopy to examine the electron-spin relaxation parameters of the two isomers of the MRI contrast agent GdDOTA.



TEMPO Oxidation

In their Full Paper on page 2679 ff., X. Liang et al. describe a mild and efficient transition-metal-free oxidation protocol for the selective HCl/NaNO₂/TEMPO-catalyzed aerobic oxidation of a broad range of primary and secondary alcohols.

	
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