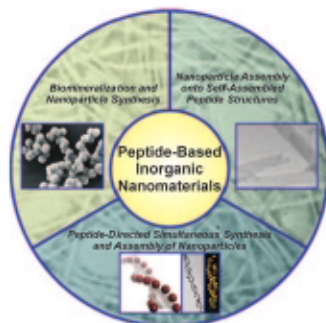
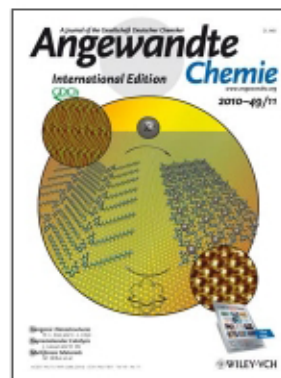


Cover Picture

Artur Ciesielski, Stefano Lena, Stefano Masiero, Gian Piero Spada,*
and Paolo Samorì*

Dynamers in action can be observed with responsive supramolecular architectures on surfaces. In their Communication on page 1963 ff., G. P. Spada, P. Samorì, and co-workers report how scanning tunneling microscopy was used to achieve submolecular-scale visualization of the metal-templated reversible assembly/reassembly process of *N*⁹-alkylguanaine monolayers. Changes in pH switch the resulting structures from highly ordered quartets to ribbons.

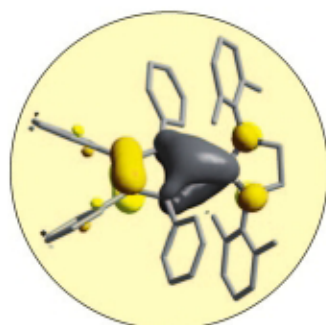
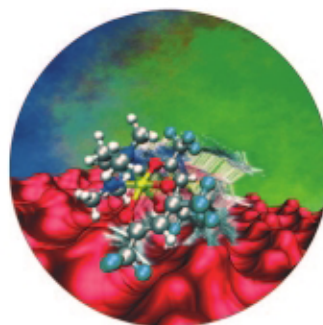


Peptides in Nanostructure Synthesis

Peptides are ideal agents to direct the formation and aggregation of inorganic nanostructures because of their molecular recognition and self-assembly capabilities. The current status of the research is summarized by N. L. Rosi and C.-L. Chen in their Review on page 1924 ff.

Surface Chemistry

The theoretical modeling of the first activation stages of a Cu complex on top of a heated surface is reported by G. Tabacchi and co-workers in their Communication on page 1944 ff. Both slow diffusion and a fast motion were shown to occur during the activation.



NHC-Stabilized Borole Anions

A π -nucleophilic boron atom, which is a rare example in the chemistry of boryl anions, is a characteristic feature of the boracycles described by H. Braunschweig et al. in their Communication on page 2041 ff. ^