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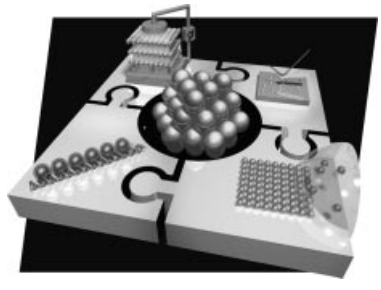
COVER PICTURE

The cover picture shows one-, two- and three-dimensional arrays of nanoparticles (represented by the cluster in the centre). The bottom right corner illustrates the self-assembly of a monolayer of nanoparticles from a drop of solution. Also displayed is the AFM imaging of nanoparticles (top right), the interaction of a nanoparticle array with an electrical field (top left), and the immobilisation of nanoparticles on DNA (bottom left). All these interactive aspects of research on nanoparricles that are used as buiding blocks for organized systems are covered in a series of papers in this issue. The artwork was performed by Michael Noyong, RWTH Aachen.



MICROREVIEWS

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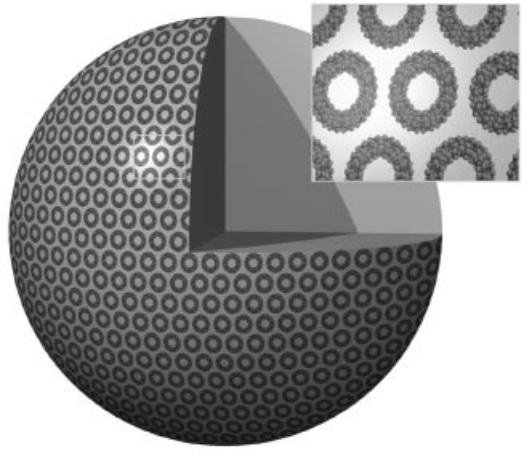

Keywords: Hydrophilic surfaces / Monolayers / Nanochemistry / Polyoxomolybdates / Surfactant-encapsulated clusters / Surface structures / Vesicles

