

A Journal of the Gesellschaft Deutscher Chemiker

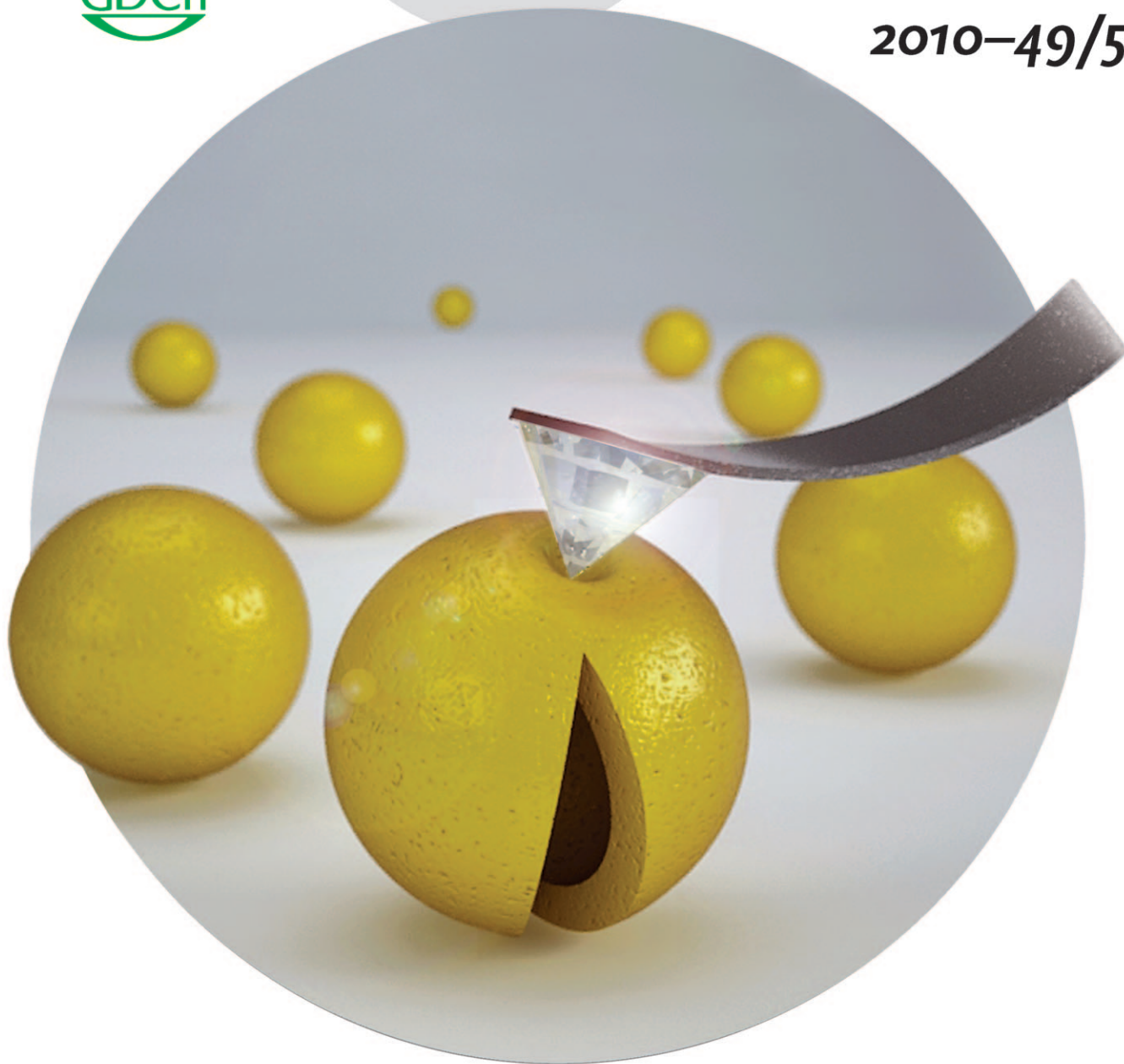
# Angewandte Chemie

International Edition



[www.angewandte.org](http://www.angewandte.org)

2010–49/51



## Self-assembled organic nanostructures ...

... show a remarkable metallic-like Young's modulus of up to 275 GPa, as measured by indentation-type experiments with atomic force microscopy using a diamond-tip cantilever. In their Communication on page 9939 ff., E. Gazit, I. Roussio, and co-workers outline how these aromatic dipeptide nanospheres are the stiffest organic materials reported to date, and are attractive building blocks for the design and assembly of ultrarigid composite biomaterials.

WILEY-VCH

## Inside Cover

**Lihi Adler-Abramovich, Nitzan Kol, Inbal Yanai, David Barlam, Roni Z. Shneck, Ehud Gazit,\* and Itay Rouso\***

**Self-assembled organic nanostructures** show a remarkable metallic-like Young's modulus of up to 275 GPa, as measured by indentation-type experiments with atomic force microscopy using a diamond-tip cantilever. In their Communication on page 9939 ff., E. Gazit, I. Rouso, and co-workers outline how these aromatic dipeptide nanospheres are the stiffest organic materials reported to date, and are attractive building blocks for the design and assembly of ultrarigid composite biomaterials.

