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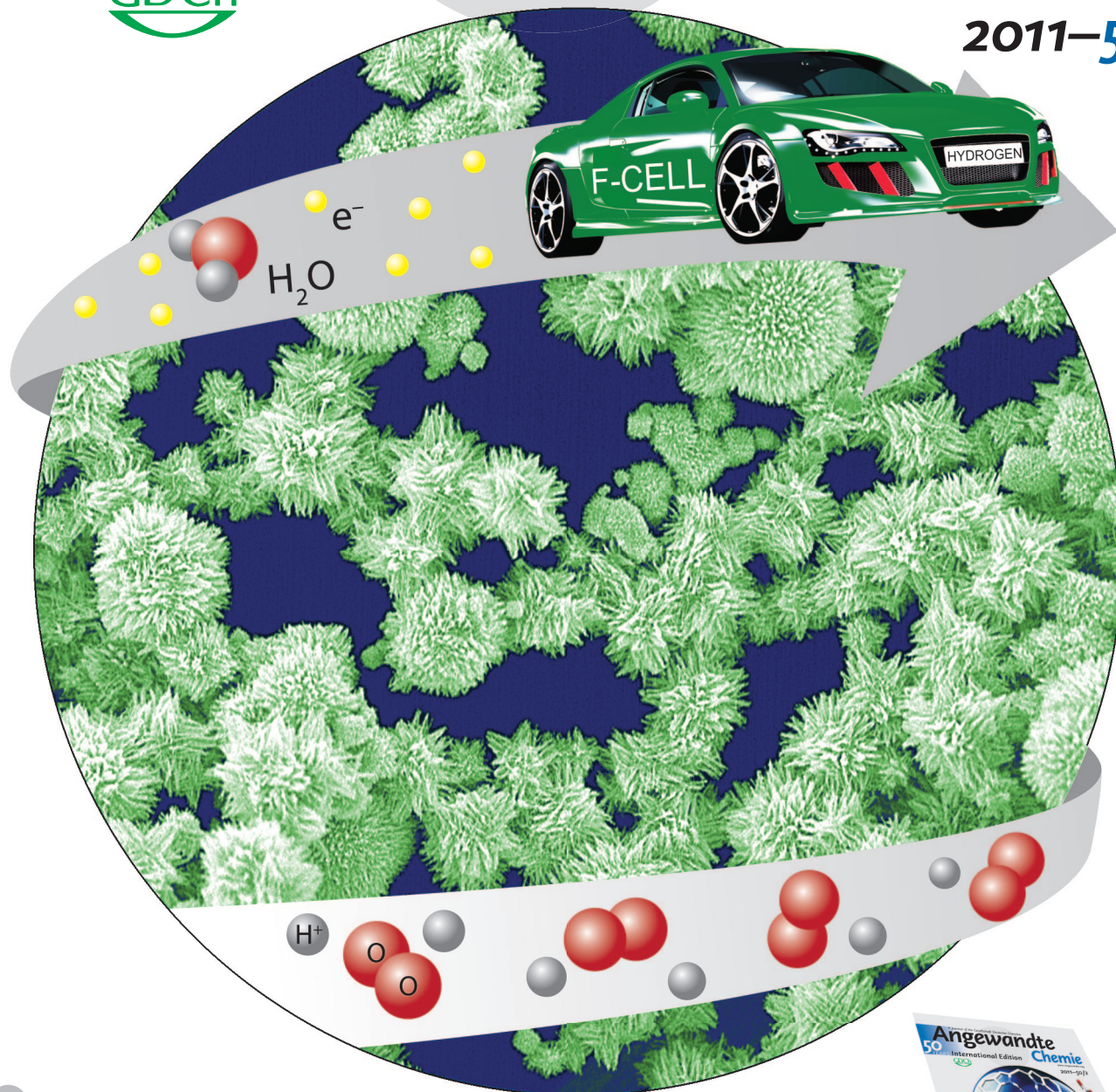
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Organization of Colloids

A. Stein et al.

Dynamics of Water Molecules

D. Paschek and R. Ludwig

Portable NMR Spectroscopy

B. Luy

Microreactor Technology

T. Wirth and M. Rasheed

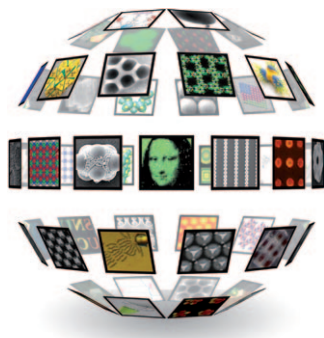


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Cover Picture

Shuhui Sun, Gaixia Zhang, Dongsheng Geng, Yougui Chen, Ruying Li, Mei Cai, and Xueliang Sun*

The multiarmed starlike platinum nanowires shown are used as a new type of electrocatalyst to address both activity and durability challenges for proton exchange membrane (PEM) fuel cells. In their Communication on page 422 ff., X. Sun et al. present a very simple strategy for the synthesis of such nanowires on carbon. The activity and durability of the new system is much improved over that of the commercial catalyst made of Pt nanoparticles on carbon supports.

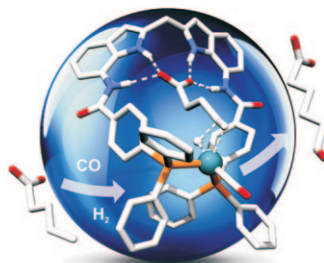
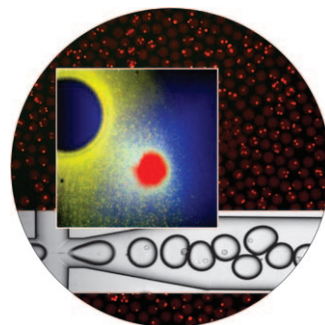


Organization of Colloids

In their Review on page 360 ff., A. Stein et al. highlight recent experimental and theoretical progress in the assembly of colloids. Examples include the formation of colloidal analogues of molecules, clusters, and chains, as well as particles with anisotropic form.

Single-Cell Genetic Analysis

R. A. Mathies and co-workers describe in their Communication on page 390 ff. a robust agarose-microdroplet method for detecting and sequencing multiple genetic targets from single cells in a scalable manner.



Control of Selectivity

The application of a supramolecular strategy for the preorganization of alkene substrates for selective rhodium-catalyzed hydroformylation is described by J. N. H. Reek et al. in their Communication on page 396 ff.