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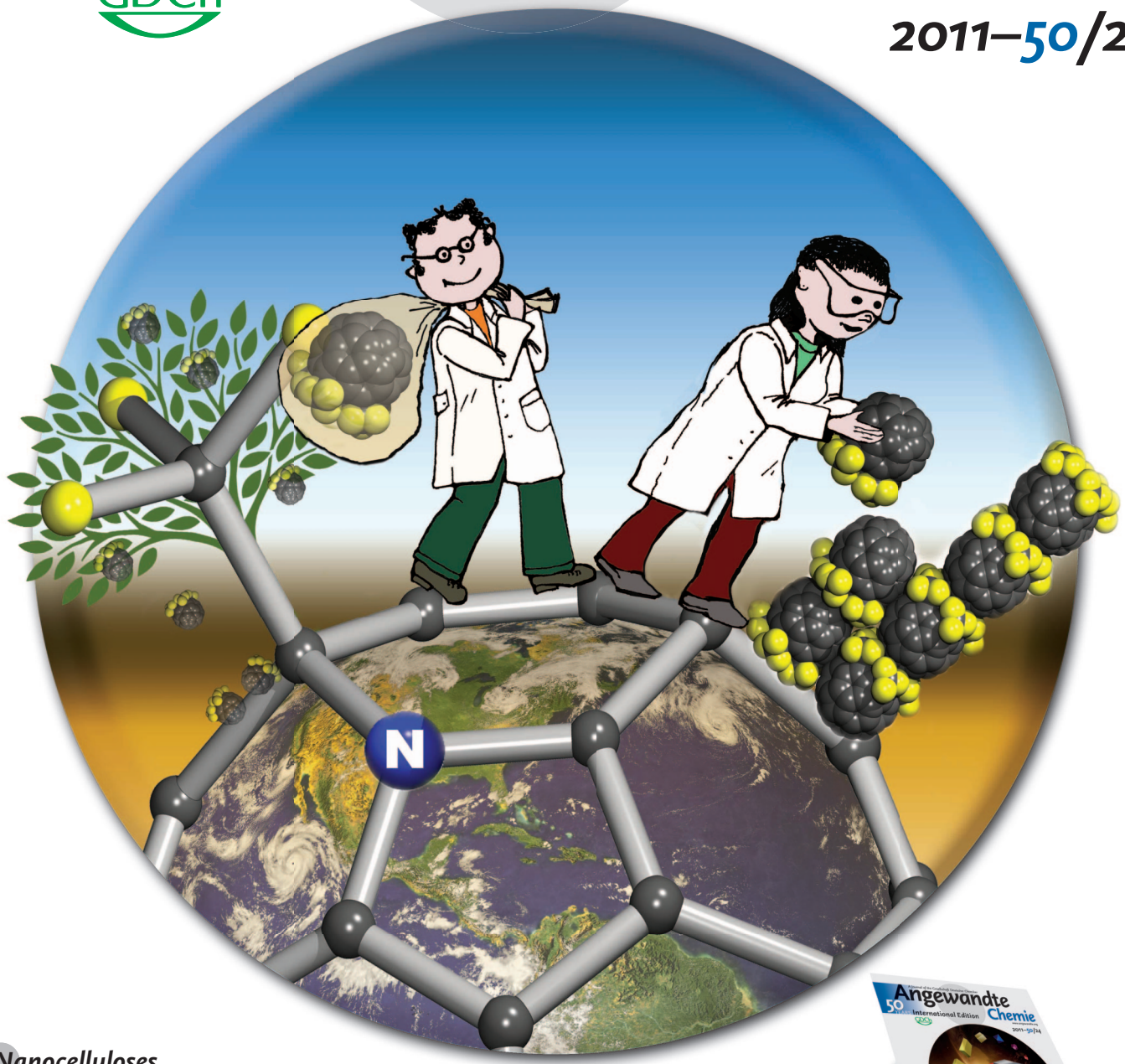

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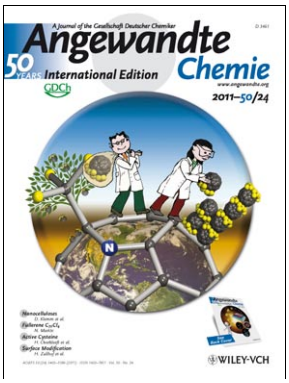
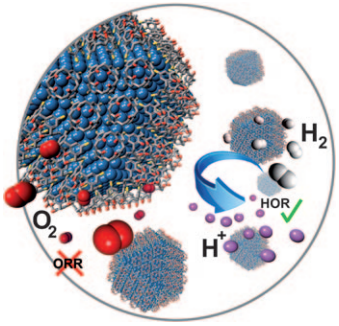
Cover Picture



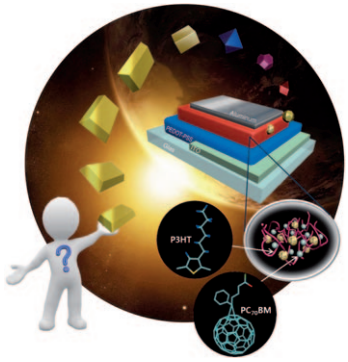
Natalia B. Shustova, Igor V. Kuvychko, Alexey A. Popov,*
Max von Delius, Lothar Dunsch, Oren P. Anderson, Andreas Hirsch,*
Steven H. Strauss,* and Olga V. Boltalina*

The cage N atom in $C_{59}N$ directs the addition pattern in reactions with CF_3I. A. A. Popov, A. Hirsch, S. H. Strauss, O. V. Boltalina, and co-workers report in their Communication on page 5537 ff. on a series of $C_{59}N(CF_3)_n$ compounds ($n = 5$–11). The X-ray structure of $C_{59}N(CF_3)_5$ shows that this derivatized azafullerene exhibits a skew-pentagonal-pyramid structure. The molecules are arranged in distorted hexagonal-close-packed layers that are stacked in register (i.e. AAA).

Nanocelluloses
In their Review on page 5438 ff., D. Klemm et al. survey a family of nature-based materials with broad potential for application. They describe the preparation and properties of three types of nanocellulose and highlight the unique features of each.



Heterogeneous Catalysis
N. M. Markovic and co-workers show in their Communication on page 5468 ff., that calix[4]arene modifying with platinum can effectively tune the selectivity of anode catalysts to suppress undesired oxygen reduction and preserve hydrogen oxidation.



Solar Cells
In their Communication on page 5519 ff., J. H. Park, O. O. Park, A. J. Heeger, et al. report several positive effects on the performance of bulk heterojunction solar cells that arise from the addition of truncated octahedral Au nanoparticles.