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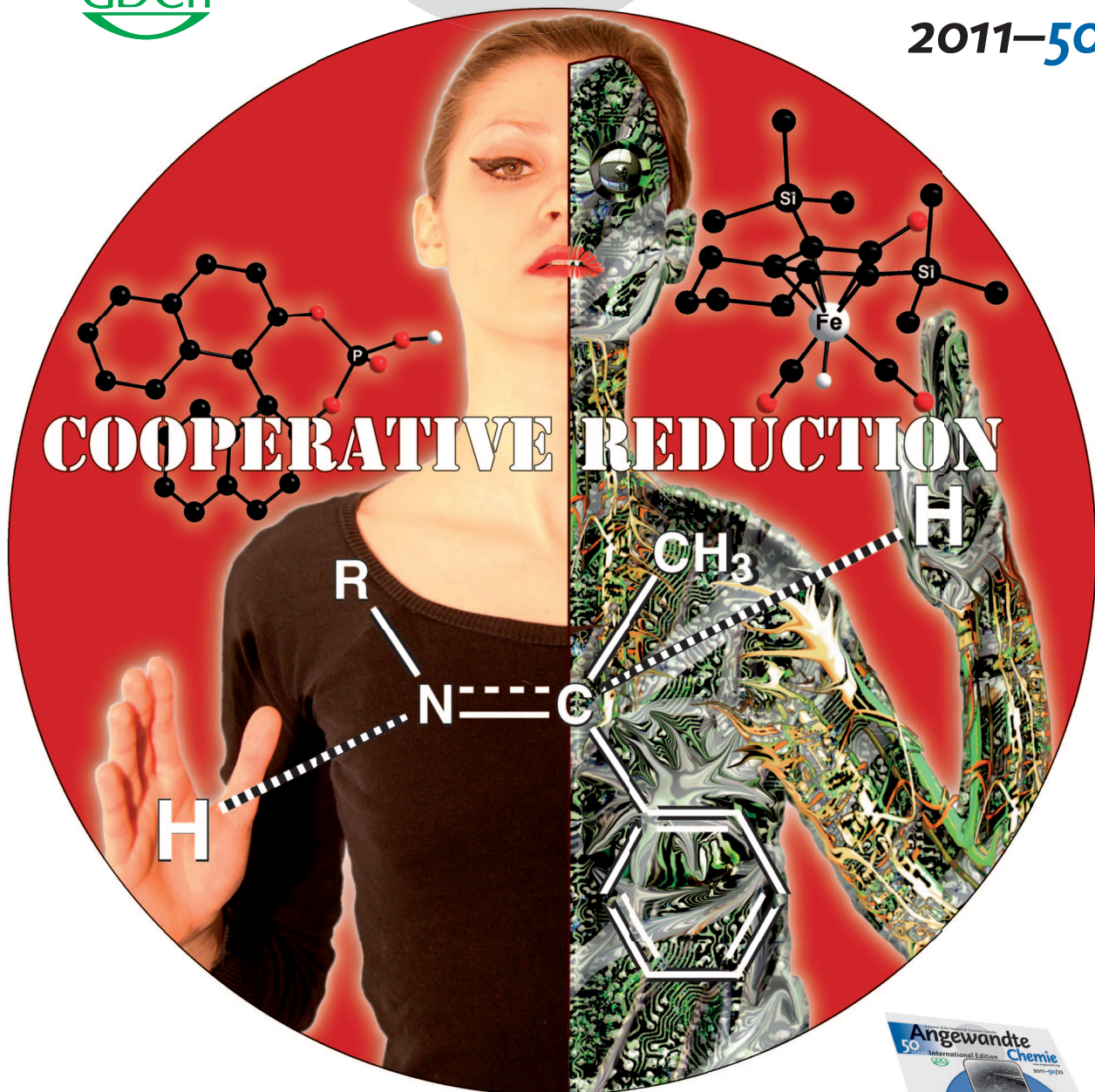
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Nitroxide in Synthesis

A. Studer and L. Tebben

Protein Engineering

H. L. Ploegh and M. W.-L. Popp

Conjugated Polyelectrolytes

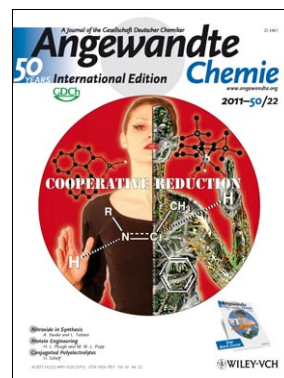
U. Scherf



Cover Picture

Shaolin Zhou, Steffen Fleischer, Kathrin Junge, and Matthias Beller*

Modern metal catalysis combined with organocatalysis mediated by a chiral Brønsted acid offers an attractive and environmentally favorable alternative to well-established asymmetric hydrogenations with catalysts based on precious metals. M. Beller and co-workers describe in their communication on page 5120 ff. how the key to success is the cooperative action of specific well-defined achiral iron complexes and chiral bulky phosphoric acid esters.

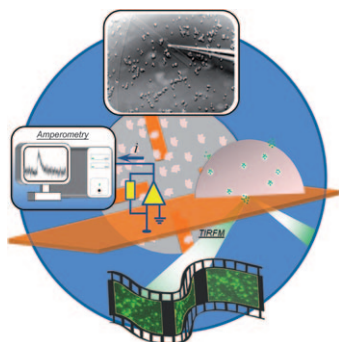
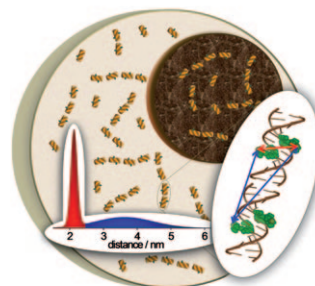


Nitroxides in Synthesis

A. Studer and L. Tebben present in their Review on page 5034 ff. possible applications of stable nitroxide radicals. The most important examples come from oxidation reactions and radical (co)polymerizations.

Distance Measurements on Nucleic Acids in Cells

In their Communication on page 5070 ff., T. F. Prisner and co-workers use in-cell pulsed electron–electron double-resonance spectroscopy to determine intramolecular and intermolecular distances of nucleic acids in the nanometer range.



Exocytosis

C. Amatore et al. discuss in their Communication on page 5081 ff. the development of an ITO microdevice that allows the simultaneous real-time monitoring of single exocytotic events for single living cells.