

A Journal of the Gesellschaft Deutscher Chemiker

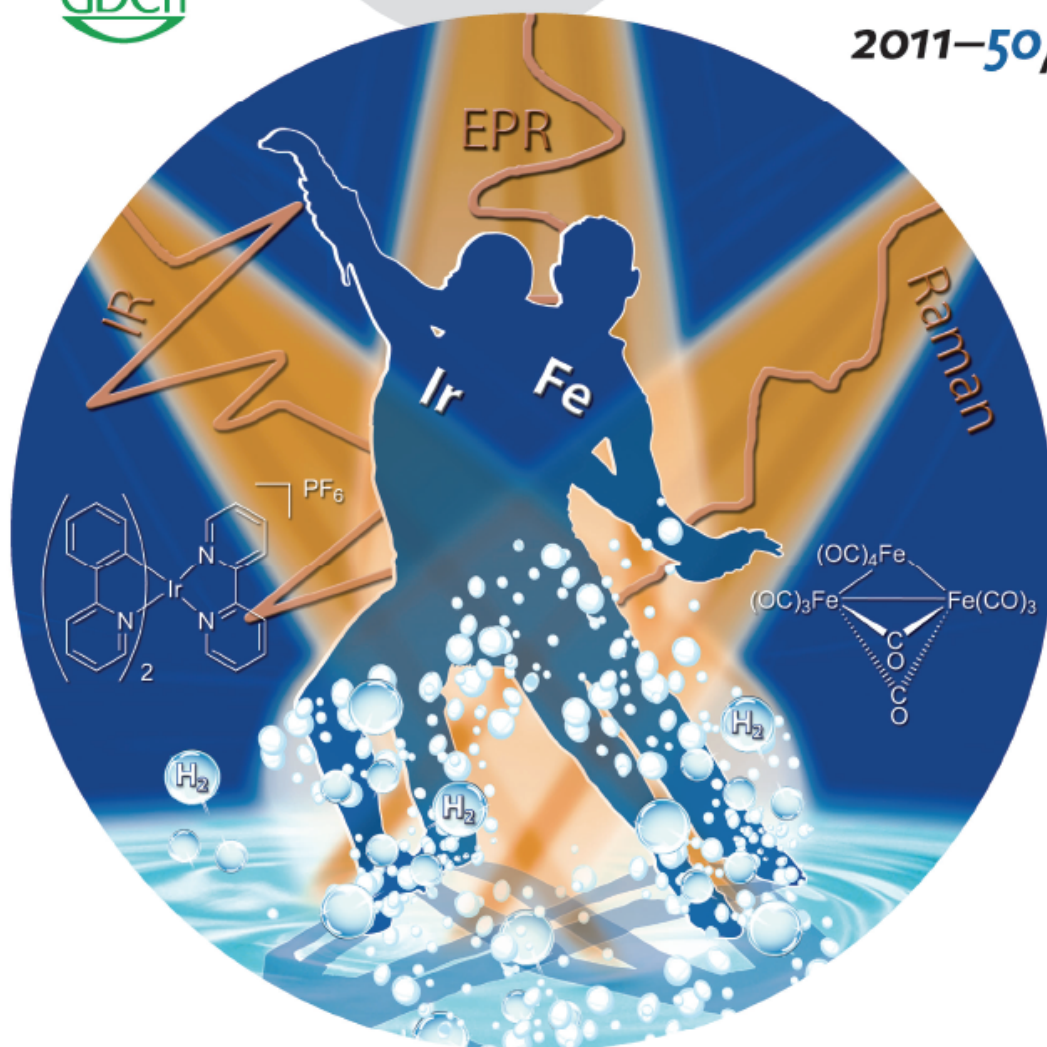
Angewandte Chemie

50 YEARS International Edition



www.angewandte.org

2011–50/43



Understanding the mechanism ...

... of photocatalytic water splitting is essential for the development of effective catalysts beyond trial and error. In their Communication on page 10 246 ff., R. Ludwig, M. Beller, A. Brückner et al. monitored the simultaneous action of iridium and iron catalysts within the cycle of H_2 production from water by a combination of three in-situ spectroscopic methods and thus verified the reaction mechanism.

WILEY-VCH

Inside back cover: Hollmann D, Gaertner F, Ludwig R, Barsch E, Junge H, Blug M, Hoch S, Beller M, Brueckner A **ANGEWANDTE CHEMIE – INTERNATIONAL EDITION 2011 50**. Insights into the Mechanism of Photocatalytic Water Reduction by DFT-Supported in Situ EPR/Raman Spectroscopy