

A Journal of the Gesellschaft Deutscher Chemiker

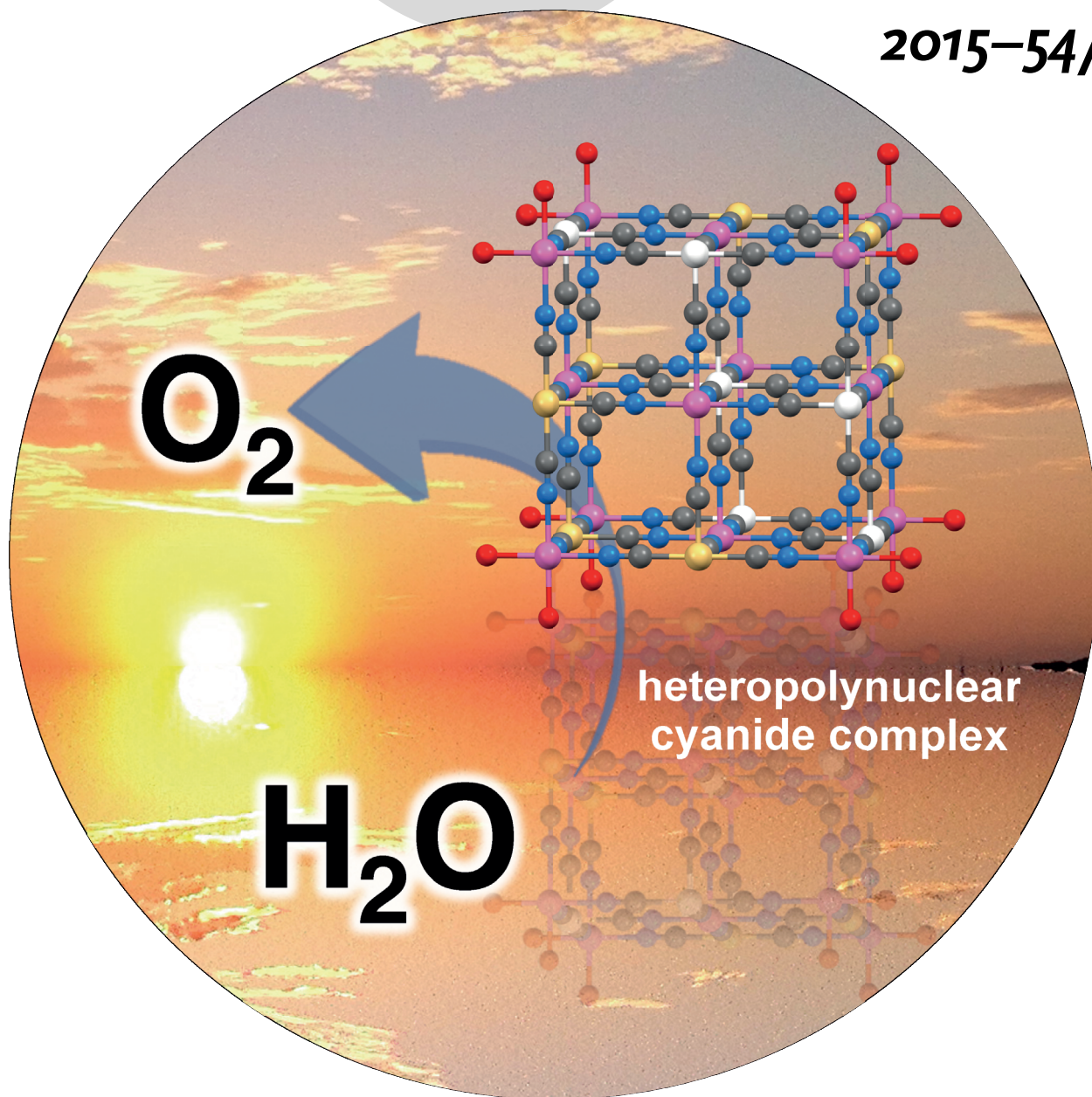
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2015–54/19



Nearly stoichiometric amounts of O_2 ...

... are evolved on visible-light irradiation of an aqueous buffer (pH 8) containing $[Ru^{II}(2,2'\text{-bipyridine})_3]$, $Na_2S_2O_8$, and a heteropolynuclear cyanide complex containing Co and Pt ions as a photosensitizer, a sacrificial electron acceptor, and a water oxidation catalyst, respectively, as reported by Y. Yamada, S. Fukuzumi, et al. in their Communication on page 5613 ff. A synergistic effect between the Co and Pt ions was confirmed for the water oxidation catalysis by the heteropolynuclear complex.

WILEY-VCH