

A Journal of the Gesellschaft Deutscher Chemiker

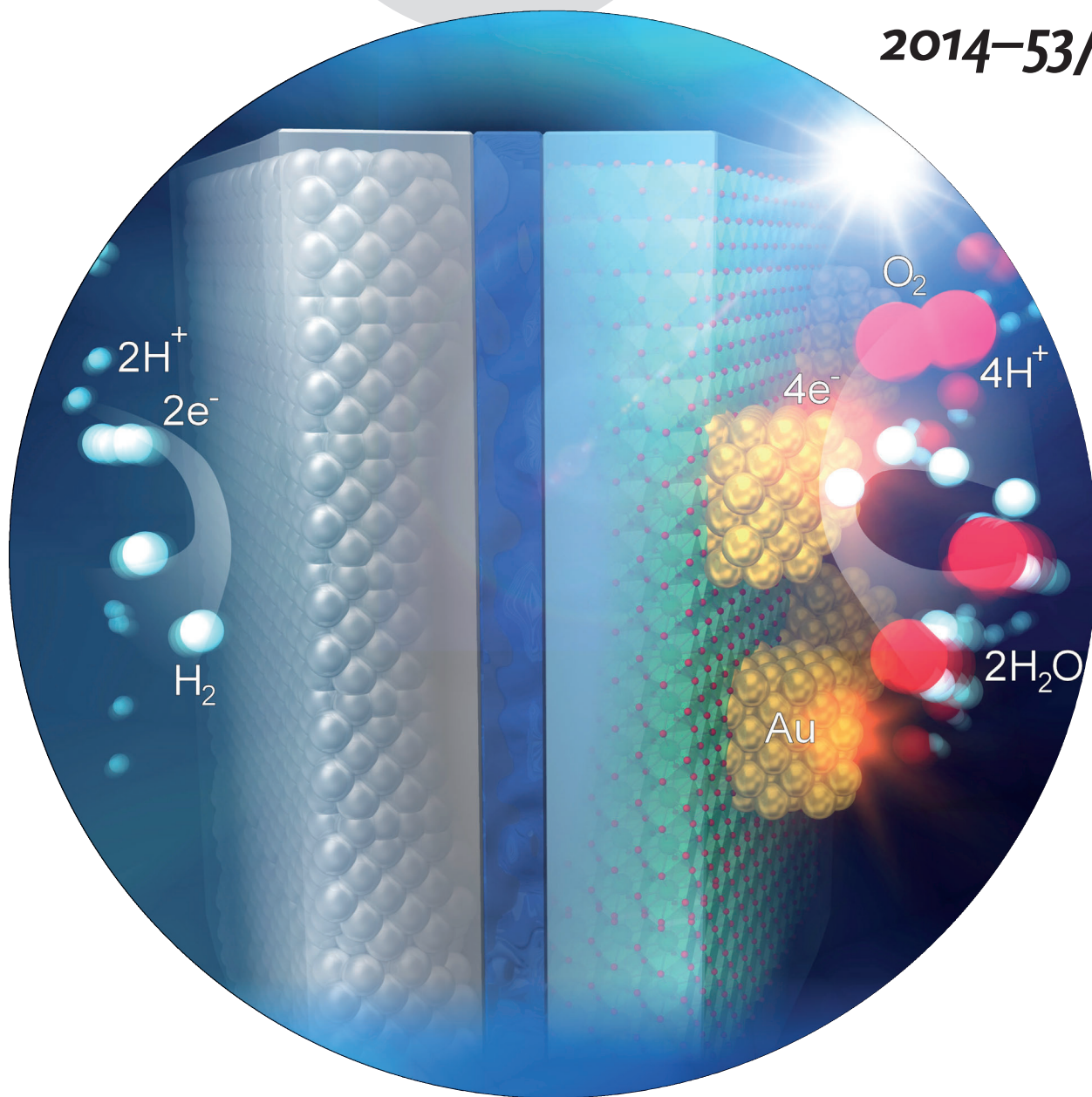
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2014–53/39



A plasmon-induced water splitting system ...

... that operates under irradiation by visible light is described by H. Misawa et al. in their Communication on page 10350 ff. The system uses both sides of the same strontium titanate single-crystal substrate to separate hydrogen and oxygen. The chemical bias is substantially reduced by plasmonic effects because of efficient water oxidation.

WILEY-VCH