

Environmental Science journals

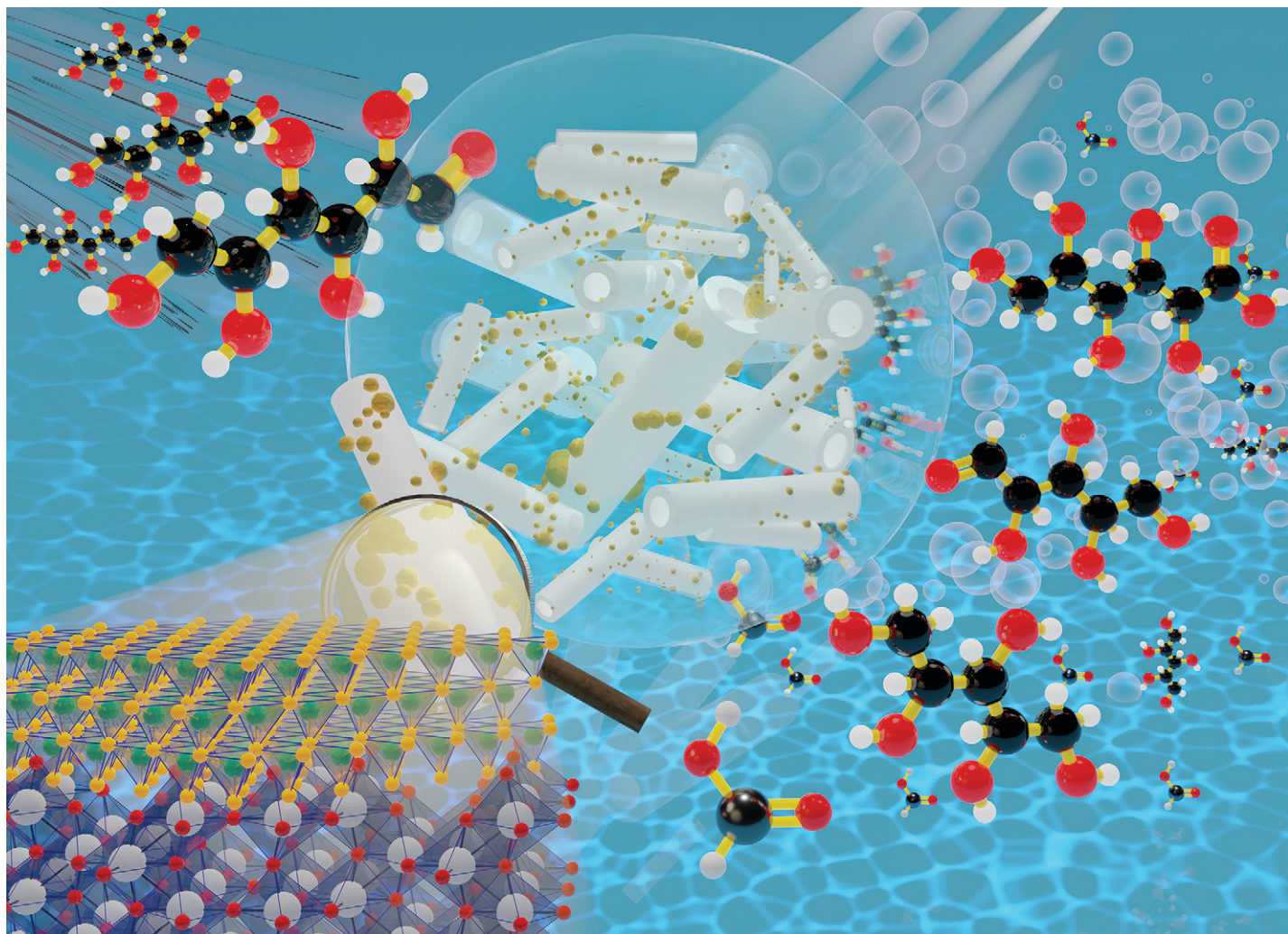
One impactful portfolio for
every exceptional mind

Harnessing the power of interdisciplinary
science to preserve our environment

rsc.li/envsci

Fundamental questions
Elemental answers





Showcasing collaborative research from King Mongkut's University of Technology Thonburi (Thailand) and TU Wien (Austria).

CdS/TiO₂ nanostructures synthesized *via* the SILAR method for enhanced photocatalytic glucose conversion and simultaneous hydrogen production under UV and simulated solar irradiation

Here we utilize successive ionic layer adsorption and reaction to modify TiO₂ nanostructures with CdS, thus preparing a set of dual-function visible-light-active photocatalysts capable of simultaneous glucose conversion and H₂ generation.

The authors would like to acknowledge Stephen Nagaraju Myakala for the artwork.

As featured in:



See Surawut Chuangchote *et al.*, *Catal. Sci. Technol.*, 2023, 13, 5556.