

# ADVANCED FUNCTIONAL MATERIALS

H<sub>2</sub>O

## HYDROGEN PHOTOGENERATION

Among the various strategies for the production of hydrogen are, for example, a sustainable and eco-friendly energy vector, photoactivated routes that enable to store solar energy, or an intrinsically renewable source, directly starting from water or organic oxygenates/wastes. In their Feature Article, on page 2611, Davide Barreca, Paolo Fornasiero, and co-workers aim to address the most challenging issues, current trends, and future developments in this area. Selected representative examples on H<sub>2</sub> generation over various kinds of oxide-based nanostructured photocatalysts are presented.

