



EurJIC

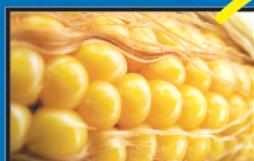
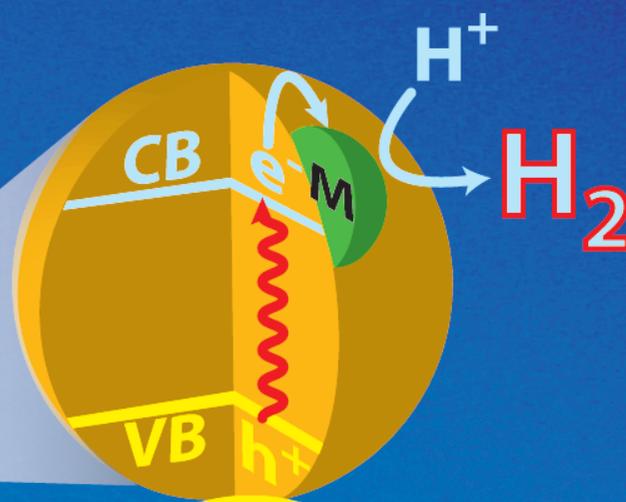
European Journal of
Inorganic Chemistry

28/2011
1st October Issue

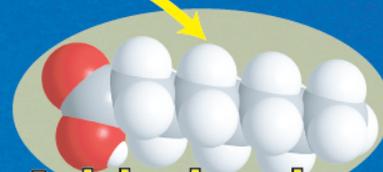


IYC 2011
International Year of
CHEMISTRY

and there was light...



Renewable
resources



Added-value
by-products

Cover Picture/Microreview

Daide Barreca, Paolo Fornasiero et al.
Photocatalytic Metal Oxide Systems for H_2 and Added-Value By-Products

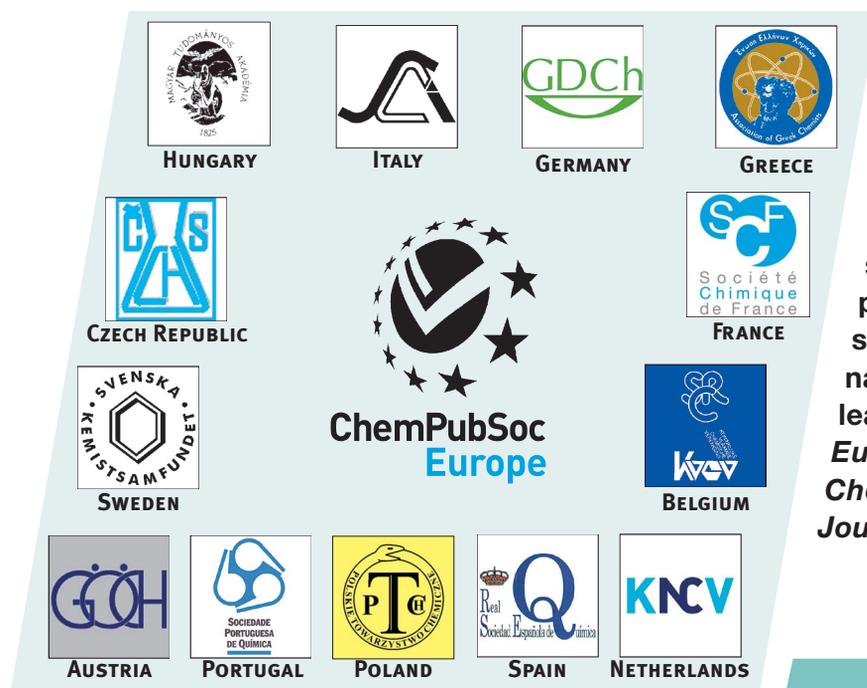
 WILEY-VCH

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A Journal of



ChemPubSoc
Europe



EurJIC is a journal of ChemPubSoc Europe, a union of 16 European chemical societies formed for the purpose of publishing high-quality science. All owners merged their national journals to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*.

Other ChemPubSoc Europe journals are *Chemistry – A European Journal*, *ChemBioChem*, *ChemPhysChem*, *ChemMedChem*, *ChemSusChem* and *ChemCatChem*.

COVER PICTURE

The cover picture shows how light can be efficiently used to activate hydrogen production over metal oxides from biomass-derived compounds, such as alcohols and sugars. These processes have gained a considerable importance for the sustainable production of H_2 , a strategic energy vector, starting from renewable resources. Interestingly, H_2 generation from these largely available raw materials is accompanied by the simultaneous formation of added-value by-products that might be appealing even for other applications. The Microreview by D. Barreca, P. Fornasiero et al. on p. 4309ff focuses on recent developments in the field, discussing selected representative research results and highlighting the major open problems and future perspectives.

