



Electrocatalytic H₂ production ...

... by a molecular catalyst containing an inexpensive metal can contribute to the resolution of environmental problems. In their Communication on page 5247 ff., H. Masuda et al. describe the synthesis of a novel $\mathrm{Ni^{II}}$ complex, containing a bidentate phosphinopyridyl ligand with an amine base as a proton-transfer site, as a $\mathrm{H_2}$ production catalyst. Electrochemical measurements with the complex show a higher rate of $\mathrm{H_2}$ production under weak-acid conditions using acetic acid as the proton source.

WILEY-VCH