Hydrogen production technologies have been a significant area of solar chemical research since the 1970s. The Solzinc process under development at the Weizmann Institute of Science uses a 1 MW solar furnace to decompose zinc oxide (ZnO) at temperatures above 1,200 ?C (2,200 ?F). Thermochemical cycles characterized by the decomposition and regeneration of reactants present another avenue for hydrogen production.

lakhasly.com © تم تلخيص النص بواسطة موقع لخصلي