

1. Record Nr.	UNINA9910702171003321
Autore	Feyock Stefan
Titolo	Implementation of artificial intelligence rules in a data base management system [[electronic resource] /] / Stefan Feyock
Pubbl/distr/stampa	Williamsburg, Va. : , : Vair, Inc. Hampton, Va. : , : National Aeronautics and Space Administration, Langley Research Center, , [1986]
Descrizione fisica	1 online resource (63 pages) : illustrations
Collana	NASA contractor report ; ; 178048
Soggetti	Data base management systems Expert systems Programming languages
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed Sept. 17, 2012). "February 1986."
Nota di bibliografia	Includes bibliographical references (page 63).

2. Record Nr.	UNINA9910557789103321
Autore	Kang Misook
Titolo	Photocatalytic Hydrogen Evolution
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (136 p.)
Soggetti	Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Energy crises and global warming pose serious challenges to researchers in their attempt to develop a sustainable society for the future. Solar energy conversion is a remarkable, clean, and sustainable way to nullify the effects of fossil fuels. The findings of photocatalytic hydrogen production (PCHP) by Fujishima and Honda propose that "water will be the coal for the future". Hydrogen is a carbon-free clean fuel with a high specific energy of combustion. Titanium oxide (TiO₂), graphitic-carbon nitride (g-C₃N₄) and cadmium sulfide (CdS) are three pillars of water splitting photocatalysts owing to their superior electronic and optical properties. Tremendous research efforts have been made in recent years to fabricate visible or solar-light, active photocatalysts. The significant features of various oxide, sulfide, and carbon based photocatalysts for cost-effective hydrogen production are presented in this Special Issue. The insights of sacrificial agents on the hydrogen production efficiency of catalysts are also presented in this issue.</p>