1. Record Nr. UNINA9910566477303321 Autore Martino Marco Catalysts for Sustainable Hydrogen Production: Preparation, Titolo Applications and Process Integration Pubbl/distr/stampa Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022 Descrizione fisica 1 electronic resource (262 p.) Technology: general issues Soggetti Chemical engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia In this book, we propose a collection of scientific and review articles on Sommario/riassunto the production of hydrogen. The articles focus on the controlled storage and release of hydrogen; on the production of hydrogen from reforming from renewable sources, water splitting, and biological and photonic methods; on the intensification of the water gas shift process; and on the integration with purification methods such as pressure

swing adsorption.