1. Record Nr. UNINA9910136414003321

Titolo	Fuel cells : data, facts and figures / / edited by Detlef Stolten, Remzi C. Samsun and Nancy Garland
Pubbl/distr/stampa	Weinheim, Germany : , : Wiley, , 2016 ©2016
ISBN	3-527-69392-0 3-527-69391-2 3-527-69389-0
Descrizione fisica	1 online resource (517 p.)
Disciplina	621.312429
Soggetti	Fuel cells Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Related Titles; Title Page; Copyright; Preface; Part I: Transportation; I-1 Propulsion; I-1.1 Benchmarks and Definition of Criteria; 1: Battery Electric Vehicles; References; 2: Passenger Car Drive Cycles; Abstract; 2.1 Introduction; 2.2 Drive Cycles for Passenger Car Type Approval; 2.3 Drive Cycles from Research Projects; 2.4 Drive Cycle Characteristics; 2.5 Graphic Representation of Selected Drive Cycles; 2.6 Conclusion; References; 3: Hydrogen Fuel Quality; Abstract; 3.1 Introduction; 3.2 Hydrogen Fuel; 3.3 Fuel Quality Effects; 3.4 Fuel Quality for Fuel Cell Vehicles 3.5 Single Cell Tests3.6 Field Data; 3.7 Fuel Quality Verification; 3.8 Conclusion; References; 4: Fuel Consumption; Abstract; 4.1 Introduction; 4.2 Hydrogen Production; 4.3 Hydrogen Packaging; 4.4 Hydrogen Consumption in FCEVs; 4.5 Conclusion; References; I-1.2 Demonstration; I-1.2.1 Passenger Cars; 5: Global Development Status of Fuel Cell Vehicles; Abstract; 5.1 Introduction; 5.2 Update on Recent Activities of Car Manufacturers; 5.3 Key Data and Results from Demonstration Programs; 5.4 Technical Data of Fuel Cell Vehicles; 5.5 Conclusions; References