

1. Record Nr.	UNINA9910463666803321
Autore	Brownstein Arthur M.
Titolo	Renewable motor fuels : the past, the present and the uncertain future // Arthur M. Brownstein, ExxonMobil Corp, retired
Pubbl/distr/stampa	Oxford : , : Butterworth-Heinemann, , [2015] ©2015
ISBN	0-12-801013-4
Edizione	[1st edition]
Descrizione fisica	1 online resource (135 p.)
Disciplina	629.25 629.2538
Soggetti	Renewable energy sources 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 and index.
Nota di contenuto	Front Cover; Renewable Motor Fuels; Copyright Page; Contents; Preface; Acknowledgment; 1 History and Legislation; 1.1 Past; 1.2 Present; 1.3 Future; 2 Ethanol by Classical Fermentation: United States and Brazil; 2.1 US Cornstarch; 2.2 Brazilian Sugar Cane; 2.3 United States Versus Brazil; 3 Ethanol from Cellulose; 4 Synthesis Gas-Based Fuels; 4.1 Lanzatech; 4.2 Ineos; 4.3 Coskata; 4.4 Syntec Biofuels; 4.5 Sundrop Fuels; 4.6 Enerkem; 4.7 Fulcrum; 4.8 Maverick Synfuels; 4.9 ExxonMobil MTG Process; 4.10 Fischer-Tropsch; 5 Isobutanol; 6 Algae as a Fuel Source; 7 Diesel Fuel; 8 Natural Gas 8.1 Industry Background 8.2 Vehicle Fuel; 9 Electric Vehicles; 9.1 History; 9.2 Batteries; 9.3 Fuel Cells; 10 The Uncertain Future; 10.1 Coal; 10.2 Gasoline; 10.3 The Present and the Future; Appendix: US Cornstarch Fermentation Ethanol; Production Capacity (2013); Bibliography; Index
Sommario/riassunto	Considering the ever-rising costs of traditional fuel paired with the increasing scarcity of its resources, it's easy to see why exploring renewable fuels has become an increasingly critical goal for engineers, researchers, and end-users alike. However, due to the great diversity of technologies, policies, and attitudes, it can be difficult to gain a good well-rounded understanding of these types of fuels. Renewable Motor

Fuels: The Past, the Present and the Uncertain Future presents an opportunity to gain an insightful understanding of all the key aspects of alternative automotive fuels in on
