1. Record Nr. UNINA9910460970803321

Autore	Bryan T. Scott
Titolo	The Geysers of Yellowstone, Fourth Edition
Pubbl/distr/stampa	Sebastopol : , : University Press of Colorado, , 2011 ©2011
ISBN	1-60732-010-X 1-4571-1070-9
Edizione	[4th ed.]
Descrizione fisica	1 online resource (487 p.)
Disciplina	551.2/30978752
Soggetti	Geysers Geysers - Yellowstone National Park Electronic books. United States Yellowstone National Park
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	Copyright; Contents; Foreword; Preface; 1: About Geysers; 2: Some Background on the Yellowstone Geysers; 3: Geyser Basins of Yellowstone National Park; 4: Upper Geyser Basin; 5: Midway Geyser Basin; 6: Lower Geyser Basin; 7: Norris Geyser Basin; 8: West Thumb Geyser Basin; 9: Gibbon Geyser Basin; 10: Third (or "Lone Star") Geyser Basin; 11: Shoshone Geyser Basin; 12: Heart Lake Geyser Basin; 13: Other Yellowstone Geysers; Appendix: Geyser Fields of the World; Glossary; Suggested Reading; Index of Geyser and Hot Spring names; About the Author.
Sommario/riassunto	This revised popular field guide describes in detail each of the more than 500 geysers in Yellowstone National Park. With updated information and a new foreword by park archivist Lee Whittlesey, Geysers of Yellowstone is both a reference work and a fine introduction to the nature of geyser activity for the newcomer to geothermal phenomena. A glossary of key terms is provided, along with a comprehensive appendix that discusses other geyser areas of the world. Detailed maps accompany each geyser basin described, and tables are provided for easy reference.

2.

Record Nr.	UNINA9910742490803321
Autore	Betiku Eriola
Titolo	Bioethanol: A Green Energy Substitute for Fossil Fuels / / edited by Eriola Betiku, Mofoluwake M. Ishola
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-36542-9
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (349 pages)
Collana	Green Energy and Technology, , 1865-3537
Altri autori (Persone)	IsholaMofoluwake M
Disciplina	662.6692
Soggetti	Renewable energy sources Chemical engineering Environmental engineering Bioorganic chemistry Renewable Energy Environmental Process Engineering Bioorganic Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction: Benefits, prospects, and challenges of bioethanol production -- Novel and cost-effective feedstock for sustainable bioethanol production -- Feedstock Conditioning and pretreatments (physical, chemical, and intensification assistance) -- Current status on substrate hydrolysis to fermentable sugars -- Bioethanol production from novel starch sources -- Bioethanol production from lignocellulosic wastes: potentials and challenges -- Bioethanol production from microalgae: potentials and challenges -- Bioethanol production via fermentation: microbes, process modeling and optimization -- Bioethanol recovery and dehydration techniques -- Ethanol utilization in spark ignition engines and emission characteristics -- Overview of commercial bioethanol production plants -- Techno-economic evaluation, Life cycle analysis of ethanol production -- Concluding remarks and future directions.
Sommario/riassunto	This book looks deeply into the prospects for using ethanol as a greener alternative to fossil fuels and the technical and scientific issues

that surround them. Ethanol, with its numerous advantages, has emerged as a promising contender to replace gasoline as a fuel source. Currently, it is commercially available as a blend with gasoline, commonly known as E10 and E25, utilizing various ratios of ethanol. Despite its clear benefits over gasoline, the widespread adoption of ethanol as a fuel remains hindered by its limited availability. In this insightful book, we aim to explore the multifaceted challenges surrounding ethanol's full integration into our energy landscape, employing a comprehensive approach through review manuscripts. Leading worldwide experts, known for their deep understanding of ethanol as a fuel, have contributed to the book. Their valuable insights and contributions enrich the book's content, offering readersa comprehensive exploration of the subject matter. This book is a compelling resource for researchers, energy professionals, and anyone interested in understanding the challenges and opportunities associated with the integration of ethanol as a substitute for gasoline.