

1. Record Nr.	UNINA9910711977303321
Titolo	Operations at river stations, 1897 . Part II // a report of the Division of Hydrography of the United States Geological Survey
Pubbl/distr/stampa	[Washington, D.C.] : , : Department of the Interior, United States Geological Survey, , 1898 Washington : , : Government Printing Office
Descrizione fisica	1 online resource (98 unnumbered pages)
Collana	Water-supply and irrigation papers of the United States Geological Survey ; ; no 16
Soggetti	Irrigation - United States Stream measurements - United States Water-supply - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"55th Congress, 2d session. House of Representatives. Document no. 511"--Cover.
Nota di bibliografia	Includes index.

2. Record Nr.	UNINA9910958572903321
Titolo	Bioenergy : opportunities and challenges // edited by R. Navanietha Krishnaraj, Jong-Sung Yu
Pubbl/distr/stampa	Toronto : , : Apple Academic Press, , 2016
ISBN	0-429-15705-3 1-4987-2205-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (371 p.)
Disciplina	662/.88
Soggetti	Biomass energy Microbial fuel cells Biodiesel fuels Lignocellulose
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.
Nota di contenuto	Cover; ABOUT THE EDITORS; CONTENTS; LIST OF CONTRIBUTORS; LIST OF ABBREVIATIONS; PREFACE; PART 1: BIOHYDROGEN PRODUCTION; CHAPTER 1: THERMOPHILIC BIOHYDROGEN PRODUCTION: CHALLENGES AT THE INDUSTRIAL SCALE; CHAPTER 2: BIO-HYDROGEN PRODUCTION: CURRENT TRENDS AND FUTURE PROSPECTS; PART 2: MICROBIAL FUEL CELLS; CHAPTER 3: MICROBIAL FUEL CELLS: A PROMISING ALTERNATIVE ENERGY SOURCE; CHAPTER 4: CHALLENGES TO AND OPPORTUNITIES IN MICROBIAL FUEL CELLS; CHAPTER 5: SYSTEMS BIOLOGY APPROACHES FOR MICROBIAL FUEL CELL APPLICATIONS; PART 3: BIOETHANOL PRODUCTION CHAPTER 6: POTENTIALS OF OSCILLATORIA ANNAE IN PRODUCING BIOETHANOL BY DEGRADATION OF SELECTED LIGNOCELLULOSICS CHAPTER 7: CHALLENGES IN HARNESSING THE POTENTIAL OF LIGNOCELLULOSIC BIOFUELS AND THE PROBABLE COMBATING STRATEGIES; PART 4: BIODIESEL PRODUCTION; CHAPTER 8: BIODIESEL: PRODUCTION, OPPORTUNITIES AND CHALLENGES; CHAPTER 9: AN OVERVIEW OF REACTOR DESIGNS FOR BIODIESEL PRODUCTION; CHAPTER 10: STUDIES ON THE EFFECT OF ANTIOXIDANTS ON THE LONG-TERM STORAGE STABILITY AND OXIDATION STABILITY OF

PONGAMIA PINNATA AND JATROPHA CURCUS BIODIESEL
CHAPTER 11: EFFECT OF FUNGAL BIOTIC STRESS ON PHYSIC NUT
(JATROPHA CURCAS L.)PART 5: CATALYSIS FOR BIOFUELS; CHAPTER 12:
A CHEMIST'S PERSPECTIVE ON BIOENERGY-OPPORTUNITIES AND
CHALLENGES; Untitled

Sommario/riassunto

Energy is one of the prime needs of the modern world, and energy demands have been rapidly increasing in the recent years owing to rapid advancements in industrialization and population explosion. Conventional fossil fuels are being depleted at rapid rates, and the use of conventional sources such as coal or nuclear sources cause several hazards to the environment. New sources of fuel, such as bioenergy, are an ideal option for fulfilling ever-increasing energy demands. This important book offers an exploration of these alternate fuel sources, including biohydrogen, microbial fuel cells, bioet