1. Record Nr. UNINA990004245670403321

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| Autore | Davison, Peter Hobley |
| Titolo | Othello / Peter Davison |
| Pubbl/distr/stampa | London : Macmillan, 1988 |
| ISBN | 0-333-38695-7 |
| Descrizione fisica | 94 p. ; 22 cm |
| Collana | The Critics debate |
| Locazione | FLFBC |
| Collocazione | P.3 BR.C.1577 |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. Record Nr. UNINA9910967353803321

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| Autore | Gikonyo Barnabas |
| Titolo | Fuel production from non-food biomass : corn stover / / edited by Barnabas Gikonyo, PhD |
| Pubbl/distr/stampa | Oakville, Ontario : , : Apple Academic Press, , [2015]<br>©2015 |
| ISBN | 1-77463-544-5<br>0-429-15563-8 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (352 p.) |
| Disciplina | 333.9539 |
| Soggetti | Agricultural wastes as fuel<br>Biomass energy<br>Energy crops<br>Corn<br>Renewable energy sources |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

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| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters. |
| Nota di contenuto | ""FRONT COVER""; ""ABOUT THE EDITOR""; ""CONTENTS""; ""ACKNOWLEDGMENT AND HOW TO CITE""; ""LIST OF CONTRIBUTORS""; ""INTRODUCTION""; ""PART I - OVERVIEW""; ""CHAPTER 1 - ASSESSMENT OF POTENTIAL CAPACITY INCREASES AT COMBINED HEAT AND POWER FACILITIES BASED ON AVAILABLE CORN STOVER AND FOREST LOGGING RESIDUES""; ""PART II - PROCESS TREATMENTS AND TECHNOLOGIES""; ""CHAPTER 2 - CHARACTERISTICS OF CORN STOVER PRETREATED WITH LIQUID HOT WATER AND FED-BATCH SEMI-SIMULTANEOUS SACCHARIFICATION AND FERMENTATION FOR BIOETHANOL PRODUCTION""<br>""CHAPTER 3 - HELICALLY AGITATED MIXING IN DRY DILUTE ACID PRETREATMENT ENHANCES THE BIOCONVERSION OF CORN STOVER INTO ETHANOL""""CHAPTER 4 - TWEEN 40 PRETREATMENT OF UNWASHED WATER-INSOLUBLE SOLIDS OF REED STRAW AND CORN STOVER PRETREATED WITH LIQUID HOT WATER TO OBTAIN HIGH CONCENTRATIONS OF BIOETHANOL""; ""CHAPTER 5 - THE DEVELOPMENT AND USE OF AN ELISA-BASED METHOD TO FOLLOW THE DISTRIBUTION OF CELLULASE MONOCOMPONENTS DURING THE HYDROLYSIS OF PRETREATED CORN STOVER""; ""CHAPTER 6 - UNDERSTANDING OF ALKALINE PRETREATMENT PARAMETERS FOR CORN STOVER ENZYMATIC SACCHARIFICATION""<br>""CHAPTER 11 - LAND-USE CHANGE AND GREENHOUSE GAS EMISSIONS FROM CORN AND CELLULOSIC ETHANOL""""AUTHOR NOTES""; ""BACK COVER"" |
| Sommario/riassunto | This title includes a number of Open Access chapters.The practice of converting corn to ethanol is controversial, with debates currently being raged in both public policy and science. While biofuels from corn have important implications in alleviating some of the global energy crisis, critics argue that it takes away from vital agricultural products needed to feed the world's growing population. The current volume maintains there is a third way, a method of producing biofuel that only uses biomass that is left behind after all agricultural and nutritional products have been harvested from corn. This biomass is referred to as corn stover. The book serves as an important introduction to this method of producing biofuels from agricultural waste. |