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| 1. Record Nr. | UNISOBE600200010381 |
| Titolo | Il teatro italiano nel Settecento / cur.Gerardo Guccini |
| Pubbl/distr/stampa | Bologna : il Mulino, 1988 |
| ISBN | 8815019405 |
| Descrizione fisica | 414 p. ; 21 cm. |
| Collana | Problemi e prospettive : serie di musica e spettacolo |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910298287903321 |
| Titolo | Microorganisms in Biorefineries // edited by Birgit Kamm |
| Pubbl/distr/stampa | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015 |
| ISBN | 3-662-45209-X |
| Edizione | [1st ed. 2015.] |
| Descrizione fisica | 1 online resource (373 p.) |
| Collana | Microbiology Monographs, , 1862-5576 ; ; 26 |
| Disciplina | 662.88 |
| Soggetti | Microbiology
Renewable energy resources
Renewable and Green Energy
Applied Microbiology |
| 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 | Penicillium canescens host as the platform for development of a new recombinant strains producers of carbohydrases -- Microbial life on green biomass and their use for production of platform chemicals -- Microorganism for bioconversion of sugar hydrolysates into lipids -- Lignocellulosic hydrolysates for the production of |

polyhydroxyalkanoates -- Microbial research in high-value biofuels -- Microorganisms for biorefining of green biomass -- Microbial succinic acid production using different bacteria species -- Whole cell biocatalytic production of 2,5-furandicarboxylic acid -- Microorganisms for production of lactic acid and organic lactates -- Microbial Lactone Synthesis Based on Renewable Resources -- Production of industrially-relevant isoprenoid compounds in engineered microbes -- The role of cellulose hydrolyzing bacteria in the production of biogas from plant biomass.

Sommario/riassunto

The book describes how plant biomass can be used as renewable feedstock for producing and further processing various products. Particular attention is given to microbial processes both for the digestion of biomass and the synthesis of platform chemicals, biofuels and secondary products. Topics covered include: new metabolic pathways of microbes living on green plants and in silage; using lignocellulosic hydrolysates for the production of polyhydroxyalkanoates; fungi such as *Penicillium* as host for the production of heterologous proteins and enzymes; bioconversion of sugar hydrolysates into lipids; production of succinic acid, lactones, lactic acid and organic lactates using different bacteria species; cellulose hydrolyzing bacteria in the production of biogas from plant biomass; and isoprenoid compounds in engineered microbes.
