

1. Record Nr.	UNISALENTO991001385309707536
Autore	Heap, Gary
Titolo	A structured approach to systems development / Gary Heap, John Stanway, Alfie Windsor
Pubbl/distr/stampa	London ; New York : McGraw-Hill, c1992
ISBN	0077074831
Descrizione fisica	xi, 316 p. : ill. ; 26 cm.
Collana	The McGraw-Hill international series in software engineering
Classificazione	AMS 68Q CR H.0
Altri autori (Persone)	Stanway, Johnauthor Windsor, Alfieauthor
Disciplina	005.1
Soggetti	Electronic data processing Structured techniques System design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references (p. 307) and index

2. Record Nr.	UNINA9910298315903321
Autore	Chen Hongzhang
Titolo	Biotechnology of Lignocellulose : Theory and Practice // by Hongzhang Chen
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2014
ISBN	94-007-6898-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (525 p.)
Disciplina	661.802
Soggetti	Renewable energy resources Plant breeding Biochemical engineering Biomedical materials Microbial ecology Biotechnology Renewable and Green Energy Plant Breeding/Biotechnology Biochemical Engineering Biomaterials Microbial Ecology Microengineering
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	Brief Introduction to the Biotechnology of Lignocellulose -- Chemical Composition and Structure of Natural Lignocellulose -- Biological Fundamentals for Biotechnology of Lignocellulose -- Pretreatment and Primary Refining of Lignocelluloses -- Applications of Lignocellulose Biotechnology in Ecological Agriculture -- Applications of Lignocellulose Biotechnology in Bioenergy -- Applications of Lignocellulose Biotechnology in Chemical Industry -- Applications of Lignocellulose Biotechnology in Chemical Industry -- Applications of Lignocellulose Biotechnology in Other Industries -- Ecological Industry Model for Biotechnology of Lignocellulose -- Research Methods for the Biotechnology of Lignocellulose.

This book presents and summarizes the new thoughts, new methods and new achievements that have emerged in the biotechnology of lignocellulose in recent years. It proposes new concepts including the primary refining, fractionation, multi-level utilization and selective structural separation of lignocellulose, etc. By approaching lignocellulose as a multi-level resource, biotechnology could have a significant effect on ecological agriculture, bio-energy, the chemical and paper making industries, etc., ultimately establishing distinctive eco-industrial parks for lignocellulose. Additionally, this book provides systematic research methods for the biotechnology of lignocellulose including investigation methods for the primary refining of lignocellulose, for microbial degradation and enzymatic hydrolysis, for cellulose fermentation and for lignocellulose conversion processes. It offers an excellent reference work and guide for scientists engaging in research on lignocellulose. Dr. Hongzhang Chen is a Professor at the Institute of Process Engineering of the Chinese Academy of Sciences, Beijing, China.

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