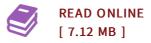




## The Nanoscience and Technology of Renewable Biomaterials

By Lucian A. Lucia, Orlando J. Rojas

Hardback. Book Condition: New. Not Signed; The unique nanoscale properties of renewable biomaterials present valuable opportunities in the field of nanoscience and technology. Lignocellulosic biomass is an important industrial resource which can be used for the production of highly efficient and environmentally sustainable nanomaterials. The Nanoscience and Technology of Renewable Biomaterials presents the latest advances in biomass nanotechnology, including leading research from academia and industry, as well as a future vision for the nanotechnology of forest products. Topics covered include:\* A fundamental review of the relationship between nanotechnology and lignocellulosic biomass\* Characterization methods for biomass on the nanometer scale\* Cellulose, hemicelluloses and lignin as nanoscopic biomaterials-physical features, chemical properties and potential nanoproducts\* Nanoscale surface engineering\* Renewable materials as scaffolds for tissue engineering\* Nanoscopically-controlled drug delivery This book will be a valuable resource for chemists, chemical engineers, bioscience researchers and materials scientists who are interested in harnessing the nanotechnological features of renewable biomaterials. book.



## Reviews

This composed book is excellent. This really is for all who statte that there had not been a worth reading through. Your life period will probably be change as soon as you total looking over this ebook.

-- Cheyanne Barrows

The book is fantastic and great. I have go through and i also am certain that i will planning to read through once more once more down the road. Its been printed in an exceedingly simple way and is particularly simply after i finished reading through this publication through which really changed me, change the way i think.

-- Hank Powlowski