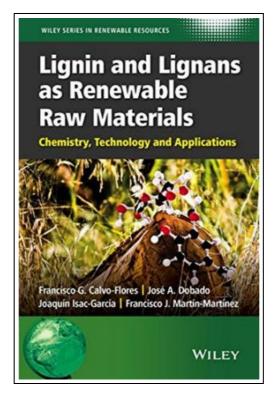
# Lignin and Lignans as Renewable Raw Materials: Chemistry, Technology and Applications (Hardback)



Filesize: 5.44 MB

### Reviews

This publication is definitely worth getting. I actually have go through and so i am sure that i will gonna read through again yet again later on. I am just quickly can get a satisfaction of looking at a created pdf.

(Hailee Armstrong I)

# LIGNIN AND LIGNANS AS RENEWABLE RAW MATERIALS: CHEMISTRY, TECHNOLOGY AND APPLICATIONS (HARDBACK)



John Wiley and Sons Ltd, United Kingdom, 2015. Hardback. Condition: New. 1. Auflage. Language: English. Brand New Book. As naturally occurring and abundant sources of non-fossil carbon, lignin and lignans offer exciting possibilities as a source of commercially valuable products, moving away from petrochemical-based feedstocks in favour of renewable raw materials. Lignin can be used directly in fields such as agriculture, livestock, soil rehabilitation, bioremediation and the polymer industry, or it can be chemically modified for the fabrication of specialty and high-value chemicals such as resins, adhesives, fuels and greases. Lignin and Lignans as Renewable Raw Materials presents a multidisciplinary overview of the state-of-the-art and future prospects of lignin and lignans. The book discusses the origin, structure, function and applications of both types of compounds, describing the main resources and values of these products as carbon raw materials. Topics covered include: Structure and physicochemical properties Lignin detection methods Biosynthesis of lignin Isolation methods Characterization and modification of lignins Applications of modified and unmodified lignins Lignans: structure, chemical and biological properties Future perspectives This book is a comprehensive resource for researchers, scientists and engineers in academia and industry working on new possibilities for the application of renewable raw materials. For more information on the Wiley Series in Renewable Resources, visit.

Read Lignin and Lignans as Renewable Raw Materials: Chemistry, Technology and Applications (Hardback) Online
Download PDF Lignin and Lignans as Renewable Raw Materials: Chemistry, Technology and Applications
(Hardback)

### See Also



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2005-09-01 Publisher: Chinese children before making Reading: All books are the...

**Download Document »** 



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2005-09-01 Publisher: Chinese children before making Reading: All books are the...

**Download Document »** 



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2005-09-01 Publisher: Chinese children before making Reading: All books are the...

**Download Document »** 



Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2012-09-01 Pages: 160 Publisher: the Jiangxi University Press Welcome Salan. service...

**Download Document »** 



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

 $Create space, United States, 2013. \ Paperback. \ Book \ Condition: New. \ 254 \times 178 \ mm. \ Language: English. \ Brand \ New \ Book \ ****** \ Print on Demand \ ******. \ ABOUT \ SMART \ READS for Kids. \ Love \ Art, \ Love \ Learning \ Welcome. \ Designed \ to...$ 

Download Document »



#### Storytown: Challenge Trade Book Story 2008 Grade 4 John Henry

HARCOURT SCHOOL PUBLISHERS. PAPERBACK. Book Condition: New. 0153651466 Never Read-may have light shelf wear-publishers mark-Good Copy-I ship FAST!.

Save eBook »



### YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2011-03-01 Pages: 752 Publisher: Jilin University Shop Books All the new

Save eBook »



## Applied Undergraduate Business English family planning materials: business knowledge REVIEW (English) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2012 Pages: 240 Language: English Publisher: Foreign Economic and Trade University

Save eBook »



#### Im Thankful For.: A Book about Being Grateful!

 $Create space, United States, 2015. \ Paperback. \ Book \ Condition: New. \ 279 \times 216 \ mm. \ Language: English. \ Brand \ New \ Book \ ***** \ Print on Demand \ *****. \ What are you grateful for? Are you looking for a children's book that$ 

Save eBook »



#### Big Book of German Words

Usborne Publishing Ltd. Book Condition: New. Suitable for young language learners, this book includes over a thousand words of basic German vocabulary. A picture associated with each word aids learning, there is a bilingual word

Save eBook »