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| 1. Record Nr. | UNISA996197844303316 |
| Titolo | Journal of Mediterranean ecology : JME |
| Pubbl/distr/stampa | Reggio Emilia, Italy : , : Firma Effe Publisher |
| Descrizione fisica | 1 online resource |
| Soggetti | Mediterranean-type ecosystems
Periodicals. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Periodico |
| Note generali | Refereed/Peer-reviewed |
| 2. Record Nr. | UNINA9910965734203321 |
| Titolo | Lignin and lignans : advances in chemistry // edited by Cyril Heitner,
Don Dimmel, John A. Schmidt |
| Pubbl/distr/stampa | Boca Raton, FL, : Taylor & Francis, 2010 |
| ISBN | 0-429-13371-5
1-4200-1580-X |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (686 p.) |
| Altri autori (Persone) | HeitnerCyril <1941->
DimmelDon
SchmidtJohn A |
| Disciplina | 572/.56682 |
| Soggetti | Lignin
Lignans |
| 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 | Front cover; Dedications; Contents; Preface; Editors; Chapter 1:
Overview; Chapter 2: Determining LigninStructure by Chemical |

Degradations; Chapter 3: Electronic Spectroscopy of Lignins; Chapter 4: Vibrational Spectroscopy; Chapter 5: NMR of Lignins; Chapter 6: Heteronuclear NMR Spectroscopy of Lignins; Chapter 7: Functional Groups and Bonding Patterns in Lignin (Including the Lignin-Carbohydrate Complexes); Chapter 8: Thermal Properties of Isolated and in situ Lignin; Chapter 9: Reactivity of Lignin-Correlation with Molecular Orbital Calculations; Chapter 10: Chemistry of Alkaline Pulping
Chapter 11: Chemistry of Pulp Bleaching
Chapter 12: The Chemistry of Lignin-Retaining Bleaching: Oxidative Bleaching Agents; Chapter 13: The Chemistry of Lignin-Retaining Bleaching: Reductive Bleaching Agents; Chapter 14: Lignin Biodegradation; Chapter 15: Biopulping and Biobleaching; Chapter 16: The Photochemistry of Lignin; Chapter 17: Pharmacological Properties of Lignans; Index; Back cover

Sommario/riassunto

Over the past four decades, there has been immense progress in every area of lignin science, ranging from the enzymology of lignin biodegradation, to the delignification of wood fiber during pulping and bleaching, to advances in spectroscopy. Lignin and Lignans: Advances in Chemistry captures the developments that have been achieved by world-class scientists in the most critical aspects of this burgeoning field. Tools for the characterization of lignin and lignans After an overview of the topic, the book discusses the significant
