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Titolo	Mycodegradation of Lignocelluloses [[electronic resource] /] / edited by R. Naraián
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ISBN	3-030-23834-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (252 pages)
Collana	Fungal Biology, , 2198-7777
Disciplina	661.802
Soggetti	Mycology Plant systematics Plant taxonomy Plant anatomy Plant development Plant genetics Plant biochemistry Plant physiology Plant Systematics/Taxonomy/Biogeography Plant Anatomy/Development Plant Genetics and Genomics Plant Biochemistry Plant Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Preface -- Compositional biochemistry of lignocellulosic resources and an overview of their Mycodegradation -- Basic principle and mechanism of lignocellulosic Mycodegradation -- Efficient fungal enzyme system working in mycodegradation of lingo celluloses -- Fungal biodiversity producing cellulose involved in efficient cellulolysis -- Fungal biodiversity producing laccase and peroxidase involved in efficient ligninolysis -- Fungal biodiversity producing enzymes involved in efficient xylanolysis -- Fungal cellulase system and mechanism of cellulolysis during Mycodegradation -- Fungal pectinase system and

mechanism of pectinolysis during Mycodegradation -- Strategic role of lactases during mycodegradation of lignocelluloses -- Application of mycodegradation in mushroom production. Selective mycodegradation of lignin in paper and pulp industry -- Mycodegradation and bioconversion of lignocelluloses into bioactive compounds -- Fungal digestion/treatment of lignocelluloses for nutritious animal fodder -- Fungal hydrolysis and saccharification of lignocellulosic wastes for bioethanol production -- Application of mycodegradation in production of secondary metabolites -- Mycodegradation of lignocelluloses and release of common metabolites -- Multiple factors influencing the strategy of Mycodegradation -- Bioconversion of lignocelluloses into nutrient rich Agaricus mushroom -- Index.

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### Sommario/riassunto

This book provides a knowledge-based view to the dynamic capabilities in an organization. The author integrates two existing views on gaining competitive advantage: the Knowledge View which suggests that the capability of organizations to learn faster than competitors is the only source of competitiveness; and the Dynamic Capability View which speculates that a firm's competitive advantage rests on its ability to adapt to changes in the business environment. Using the IT sector in India as a case study, this book provides and tests a new framework—Knowledge-Based Dynamic Capabilities—in the prediction of competitive advantage in organizations.

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