

1. Record Nr.	UNINA9910865259103321
Autore	Thomas Sabu
Titolo	Handbook of Biomass // edited by Sabu Thomas, Mahesh Hosur, Daniel Pasquini, Cintil Jose Chirayil
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819967278 9819967279
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (1554 pages)
Altri autori (Persone)	HosurMahesh PasquiniDaniel Jose ChirayilCintil
Disciplina	620.19
Soggetti	Biomaterials Biopolymers Materials - Analysis Plant Materials Materials Characterization Technique
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to different types of biomasses -- Composition and properties of Biomass -- Biomass Modifications -- Cellulose and Modifications -- Lignin and Modifications -- Hemicellulose and Modifications -- Pectin and Modifications -- Starch and Modifications -- Nanocellulose and Modifications -- Conversion Strategies for Biomass -- Biomass Valorization -- Science and Technology of Biomass -- Environmental and Sustainability aspects related to Biomass.
Sommario/riassunto	This handbook constitutes state-of-the-art research covering topics such as chemical constituents of biomass, their specific properties, characterization and different applications. The contents also discuss challenges and issues involved in its applications. This volume brings together a number of biomass-derived potential renewable elements and its circular economy approach in one place. The content includes industrial applications and fills the gap in laboratory research works to practical applications in related industries. The book gives an insight towards the circular economy approach by the biomass, different gross

morphologies of biomasses and the valuable chemical constituents that can be derived from the biomass and moreover the potential applications of all those constituents. It enables researchers and scientists to get informed of the designs to improve existing utilization of biomass in an efficient manner and deliver better products at lower cost. The volume is useful reference for professionals, researchers, industrial practitioners, graduate students and senior undergraduates in the fields of polymer science, bioscience and bioengineering. It also provides an in-depth reference for biomass processors and fabricators and for industry sectors utilizing biomass such as packaging, sensors, film manufacturers, medical device manufacturers and biomedical engineers.

2. Record Nr.	UNINA9910216958803321
Titolo	Psychology in the schools
Pubbl/distr/stampa	[Brandon, Vt.] : [Clinical Psychology Pub. Co.] : Wiley Periodicals, Inc., ©1964-
ISSN	1520-6807
Descrizione fisica	1 online resource (volumes)
Disciplina	370
Soggetti	Educational psychology Psychology, Child Psychology, Educational Psychopedagogie Educational Psychology Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed Title from table of contents screen (Wiley InterScience, viewed: May 17, 2006). Published: [New York, N.Y.] : John Wiley & Sons, Inc., <1996-> ; [Hoboken, N.J.] : Wiley Periodicals, Inc., <2005->

