1. Record Nr. UNIORUON00010166

Titolo	Città e territorio in Giappone e in Cina / a cura di Angelo Turco
Pubbl/distr/stampa	Bologna, : Patron Editore, 1980
Descrizione fisica	213 p. ; 21 cm.
Classificazione	GEO F
Soggetti	URBANIZZAZIONE - CINA - SEC. XX Urbanizzazione - Giappone
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910857794203321

Titolo	Biobased Nanomaterials : Applications in Biomedicine, Food Industry, Agriculture, and Environmental Sustainability / / edited by Shakeel Ahmed
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9705-42-8
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (535 pages)
Disciplina	570.151
Soggetti	Nanobiotechnology Medicine - Research Biology - Research Agricultural biotechnology Biomedical Research Agricultural Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

Nota di contenuto	Chapter 1_Introduction to Biobased nanomaterials -- Chapter 2_Types of biobased nanomaterials -- Chapter 3_Methods of fabrication of biobased nanomaterials -- Chapter 4_Characterization of biobased nanomaterials -- Chapter 5_Biobased nanomaterials in wound healing. - Chapter 6_Biobased nanomaterials in tissue engineering -- Chapter 7_Biobased nanomaterials in biomedical applications. - Chapter 8_Biobased nanomaterials in drug delivery. - Chapter 9_Biobased anomatnerials in biosensing -- Chapter 10_Biobased nanomaterials in regenerative medicine. - Chapter 11_Health and safety concern of biobased nanomaterials. - Chapter 12_Biobased nanomaterials in food industry -- Chapter 13_Biobased nanomaterials in food packaging -- Chapter 14_Biobased nanomaterials in food preservation -- Chapter 15_Biobased nanomaterials in increasing shelf life of food -- Chapter 16_Biobased nanomaterials in nutraceuticals -- Chapter 17_Biobased nanomaterials in environmental applications -- Chapter 18_Biobased nanomaterials in wastewater treatment -- Chapter 19_Environmental concern of biobased nanomaterials -- Chapter 20_Biobased nanomaterials in agriculture -- Chapter 21_Biobased nanomaterials in sensing technology -- Chapter 22_Biobased nanomaterials in energy storage devices -- Chapter 23_Advantage of biobased nanomaterials over traditional nanomaterials -- Chapter 24_Biodegradability and sustainability of biobased nanomaterials -- Chapter 25_Future prospects of biobased nanomaterials.
Sommario/riassunto	This book comprehensively covers various aspects of biobased nanomaterials, including their types, fabrication methods, characterization techniques, and applications in different fields. The book starts with an introduction to biobased nanomaterials, highlighting their significance in various fields due to their unique properties. The first few chapters cover the different types of biobased nanomaterials, their properties, and how they are extracted from various natural sources. The methods of fabrication of biobased nanomaterials are discussed in detail, including the techniques for controlling their size, shape, and composition. It then delves into the characterization of biobased nanomaterials, discussing the different techniques used to determine their properties, including their morphology, size, structure, and composition. The subsequent chapters explore the various applications of biobased nanomaterials in different fields such as environmental applications, wound healing, tissue engineering, food industry, agriculture, sensing technology, biomedical applications, and energy storage devices. The advantages of biobased nanomaterials over traditional nanomaterials are highlighted, including their biodegradability and sustainability. The environmental concerns associated with biobased nanomaterials, as well as the health and safety concerns, are also discussed. The book concludes by looking at the prospects of biobased nanomaterials and how they can contribute to sustainable development. Overall, the book is an informative and comprehensive book that provides a thorough understanding of biobased nanomaterials and their various applications. It is a valuable resource for researchers, students, and professionals in various fields such as materials science, chemistry, biology, and environmental science. alike. .