

1. Record Nr.	UNISA990000459080203316
Titolo	Forma, spazio , costanza / a cura di Magdalen Vernon ; <trad. di Carla Sborgi> (1)
Pubbl/distr/stampa	Torino : Boringhieri, 1971
Descrizione fisica	242 p. : ill. ; 20 cm
Collana	Readings in psicologia
Disciplina	153.7
Collocazione	153.7 ESP 1
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910679493803321
Titolo	Études économiques de l'OCDE Italie
Pubbl/distr/stampa	Paris : , : Organisation de coopération et de développement économiques, , 1963-
ISSN	1999-0359
Descrizione fisica	1 online resource
Soggetti	Economics Économie politique economics Periodicals. Serial publications. Italy Economic policy Periodicals Italy Economic conditions Periodicals Italy
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Periodico

3. Record Nr.	UNINA9910897982903321
Autore	Abd-Elsalam Kamel A. <1969->
Titolo	Biopolymeric Nanoparticles for Agricultural Applications / / edited by Kamel A. Abd-Elsalam, Ayat F. Hashim, Farah K. Ahmed, Sabu Thomas
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031688348 3031688341
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (444 pages)
Collana	Nanotechnology in the Life Sciences, , 2523-8035
Altri autori (Persone)	HashimAyat F AhmedFarah K ThomasSabu
Disciplina	630 664.024
Soggetti	Agricultural biotechnology Botany Agriculture Nanobiotechnology Plant biotechnology Agricultural Biotechnology Plant Science Plant Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Biopolymeric Nanoparticles for Agricultural Applications: Note from editors -- Current trend in biopolymer-based hydrogels for use in agriculture -- Biopolymer based nanocomposites for adsorption/recovery of fertilizer nutrients for agricultural applications -- Polysaccharide Biopolymer Nanoparticles as Soil Nutrient Delivery -- Biopolymer-Derived Nanomaterials for Improved Fertilizer Efficiency -- Encapsulation of soil nutrients for plant growth and development -- Nano-based Biopolymers as Antimicrobials -- Chitosan biopolymer nanocomposites for agriculture applications -- Biopolymer-Based Nanopesticides for Pesticides Degradations -- Zein- based nanomaterials for Food and Agriculture: A Review -- Biopolymeric

matrices for food packaging -- Green Approach for Biopolymer-Based Food Packaging Films Enhanced by Zinc Oxide Nanoparticles -- Biopolymer-based nanomaterials for post-harvest treatments: A Review -- Biopolymeric as agrochemicals nanocarriers -- Nano-Based Biopolymers as Adsorbent Materials -- Impact of biopolymers in a circular economy.

Sommario/riassunto

Biopolymers are polymers that are naturally sourced from renewable resources such as plants, animals, and microorganisms. These polymers are gaining increasing attention due to their biodegradability, biocompatibility, and non-toxicity, making them an attractive alternative to traditional synthetic polymers. "Biopolymeric Nanoparticles for Agricultural Applications" focuses on the use of biopolymeric nanoparticles for various agricultural purposes. It explores the potential of these nanoparticles in improving crop productivity, enhancing soil quality, and reducing the environmental impact of agricultural practices. Biopolymeric nanoparticles have gained significant attention in recent years as a promising technology for various agricultural applications such as crop protection, nutrient delivery, and soil remediation. These nanoparticles are typically made from biodegradable and biocompatible materials, such as chitosan, alginate, and starch, and offer several advantages over conventional agricultural formulations including improved stability, controlled release, and enhanced efficacy. This book provides a comprehensive overview of recent advances in the design, synthesis, characterization, and application of biopolymeric nanoparticles in agriculture. It discusses the various biopolymeric nanoparticles that can be utilized in agriculture such as chitosan, cellulose, starch, and protein-based nanoparticles. It delves into their properties, synthesis methods, and characterization techniques. The primary purpose of this book is to provide a comprehensive understanding of the applications of biopolymeric nanoparticles in agriculture. It bridges the gap between the fields of nanotechnology and agriculture, offering insights into the potential benefits and challenges associated with their use.