

1. Record Nr.	UNINA9910130852103321
Titolo	Nanotechnology in the agri-food sector : implications for the future // edited by Lynn J. Frewer ... [et al.]
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, 2011
ISBN	1-283-14075-6 9786613140753 3-527-63480-0 3-527-63481-9 3-527-63479-7
Descrizione fisica	1 online resource (330 p.)
Altri autori (Persone)	FrewerLynn J
Disciplina	620.5 620/.5 664
Soggetti	Agricultural innovations Nanotechnology Food - Technological innovations Electronic books.
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	pt. 1. Fundamentals -- pt. 2. Basic applications -- pt. 3. Food applications -- pt. 4. Nanotechnology and society.
Sommario/riassunto	Providing an overview of nanotechnology in the context of agriculture and food science, this monograph covers topics such as nano-applications in the agri-food sector, as well as the social and ethical implications. Following a review of the basics, the book goes on to take an in-depth look at processing and engineering, encapsulation and delivery, packaging, crop protection and disease. It highlights the technical, regulatory, and safety aspects of nanotechnology in food science and agriculture, while also considering the environmental impact. A valuable and accessible guide for profess