Record Nr. UNINA9910830935703321 Nanotechnology in the agri-food sector: implications for the future // **Titolo** 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 620.5 Disciplina 620/.5 664 Soggetti Agricultural innovations Nanotechnology Food - Technological innovations Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia pt. 1. Fundamentals -- pt. 2. Basic applications -- pt. 3. Food Nota di contenuto 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 nanoapplications in teh 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