

1. Record Nr.	UNINA9910253908603321
Titolo	Nanotechnology : An Agricultural Paradigm // edited by Ram Prasad, Manoj Kumar, Vivek Kumar
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2017
ISBN	981-10-4573-9
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VIII, 371 p. 48 illus., 36 illus. in color.)
Disciplina	630
Soggetti	Agriculture Nanotechnology Sustainability Biomaterials Plants - Development Plant Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Production of Cellulose Nanofibrils and its Application to Food: A Review -- Chapter 2. Nanotechnology and Shelf-life of Animal Foods -- Chapter 3. Nanotechnology: Meat Safety Revolution -- Chapter 4. Marine Nanofactories in Food -- Industry: Friend or Foe -- Chapter 5. Revolutionizing the Food Supply Chain in the United States: The Impact of Nanotechnology -- Chapter 6. Nanotechnology in Packaging Industry and Its Food Packaging Applications -- Chapter 7. Nanobiosensors, as a Next Generation Diagnostic Device for Quality & Safety of Food and Dairy Product -- Chapter 8. Nano Molecular Imprinted Polymers (NanoMIPs) for Food Diagnostics and Sensor -- Chapter 9. Nanotechnology Applications in Food Industry -- Chapter 10. Impact of the Nanomaterials on Soil Bacterial Biodiversity -- Chapter 11. The Impact of Engineered Nanomaterials on Crops and Soil Microorganisms -- Chapter 12. Advancement of Nanotechnology Applications on Plant Nutrients Management and Soil Improvement -- Chapter 13. Biosynthesis of Nanoparticles and their Application in Pharmaceutical Industry -- Chapter 14. Nanomaterials acts as Plant Defense Mechanism -- Chapter 15. Phytoengineered Nanomaterials

and Their Applications -- Chapter 16. Plants and Carbon Nanotubes (CNT) Interface: Present Status and Future Prospects.

Sommario/riassunto

This book highlights the implications of nanotechnology and the effects of nanoparticles on agricultural systems, their interactions with plants as well as their potential applications as fertilizers and pesticides. It also discusses how innovative, eco-friendly approaches to improve food and agricultural systems lead to increased plant productivity. Further, it offers insights into the current trends and future prospects of nanotechnology along with the benefits and risks and their impact on agricultural ecosystems. Nanomaterials in agriculture reduce the amount of chemical products sprayed by means of smart delivery of active ingredients; minimize nutrient losses in fertilization; and increase yields through optimized water and nutrient management. There is also huge potential for nanotechnology in the provision of state-of-the-art solutions for various challenges faced by agriculture and society, both today and in the future. .

2. Record Nr.

UNINA9910967518603321

Autore

Thacker John

Titolo

Educating children with emotional and behavioural difficulties : inclusive practice in mainstream schools // John Thacker, Dave Strudwick and Elly Babbedge

Pubbl/distr/stampa

London, : RoutledgeFalmer, 2002

ISBN

1-134-58138-6  
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1-283-88309-0  
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0-203-99439-6

Edizione

[1st ed.]

Descrizione fisica

1 online resource (167 p.)

Collana

School concerns series

Altri autori (Persone)

StrudwickDave <1966->  
BabbedgeElly <1952->

Disciplina

371.93

Soggetti

Problem children - Education - Great Britain  
Behavior modification  
Mainstreaming in education - Great Britain

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	Educating Children with Emotional and Behavioural Difficulties Inclusive practice in mainstream schools; Copyright; Contents; Preface: Series Introduction; List of abbreviations; Introduction; Chapter 1 Educational approaches to children with EBD; Chapter 2 The resilient teacher; Chapter 3 Creating an inclusive classroom; Chapter 4 A supportive school is a resilient school; Chapter 5 Home-school relations; Chapter 6 Fine-tuning to support an individual's needs; Bibliography; Index
Sommario/riassunto	Educating Children with Emotional and Behavioural Difficulties shows that it is possible for schools to provide inclusive education for children with social and emotional difficulties without jeopardising the well-being and progression of the children or compromising the academic standing of the school. Using a case-study approach, the importance of school leadership, organisational culture and classroom strategies for working with troubled individuals and their families is also emphasised. The authors also draw attention to the fact that teachers need to recognise and take account of