

1. Record Nr.	UNISA996387102203316
Titolo	The answer of both Houses of Parliament to the Kings message, sent to His Most Excellent Majesty, the 16th of March, 1641 [[electronic resource]] : therein nominating divers particular persons, which have lately past into Ireland by the Kings special warrants, and there joyned themselves to the rebels : together with His Majesties message, sent from Huntington ... upon his removall to the city of York, March 15, 1641 : also severall votes of both Houses of Parliament upon the aforesaid message : whereunto is added, the resolutions of the Parliament, for securing the kingdome of England and dominion of Wales // printed by order of both Houses
Pubbl/distr/stampa	London, : Printed by E.G. for I. Wright, 1642
Descrizione fisica	[8] p
Altri autori (Persone)	Charles, King of England, <1600-1649.>
Soggetti	Great Britain History Civil War, 1642-1649 Great Britain Politics and government 1642-1649
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Imperfect: print show-through. Reproduction of original in the Harvard University Library.
Sommario/riassunto	eebo-0062

2. Record Nr.	UNINA9911018661603321
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Titolo	Nanobiosensors for Crop Monitoring and Precision Agriculture // edited by Jen-Tsung Chen
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	9789819683352
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (427 pages)
Collana	Agroecosystem Dynamics and Sustainable Practices, , 3059-2488
Disciplina	620.5 660.6
Soggetti	Nanobiotechnology Agricultural biotechnology Nanotechnology Microbiology - Technique Agricultural Biotechnology Microbiology Techniques
Lingua di pubblicazione	Inglese
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Nota di contenuto	Chapter 1. Nanobiosensors for Precision Agrobiotechnology -- Chapter 2. Optical Nanobiosensors in Precision Agriculture -- Chapter 3. Calorimetric Nanobiosensors: Revolutionizing Precision Agriculture for Sustainable Crop Management -- Chapter 4. Immuno-Nanobiosensors in Precision Agriculture: Methods and Applications -- Chapter 5. Enzymatic Nanobiosensors in Precision Agriculture: Methods and Applications -- Chapter 6. Aptamer-Nanobiosensors in Precision Agriculture: Methods and Applications -- Chapter 7. Nanobiosensors for Precision Plant Disease Management -- Chapter 8. Nanobiosensors in Plant Environmental Stress Management: Methods and Current Achievements -- Chapter 9. Nanobiosensors: Advanced Detection and Monitoring of Plant Hormones -- Chapter 10. Nanobiosensors for Detecting and Monitoring Soil Conditions -- Chapter 11. Nanobiosensors for Precision Fertilizer Management -- Chapter 12. Nanobiosensors for Precision Pesticide Management -- Chapter 13. Nanobiosensors for Real-Time and High-Resolution Crop Monitoring -- Chapter 14. Regulations and Ethical Considerations for

Sommario/riassunto

Nanobiotechnology has been intensively investigated for decades and is thus well-recognized as a promising approach for advancing sustainable agriculture, particularly proving precision and smart tools based on engineered nanoparticles/nanomaterials. Among them, nanosensors and nanobiosensors have the potential to revolutionize agricultural practices by sensing, detecting, and monitoring cellular processes such as signal transduction and plant hormone dynamics, crop performances, and soil/environmental conditions for precision and even real-time management of fertilizers, pesticides, plant growth/yield/quality, stress responses, and post-harvest processes. In the international book market, there is a gap in providing an updated comprehensive book resource for readers who are interested in materials science and nano-biotechnology particularly, the detailed part of nano-biosensors for agri-food applications. Therefore, this book bridges the knowledge gap by providing a complete guide to nano-biosensors from their fundamentals to current agricultural applications, which presents a series of review-type chapters organized by diverse experts. This book consists of 14 chapters, including subtopics such as optical nanobiosensors, calorimetric nanobiosensors, immuno-nanobiosensors, enzymatic nanobiosensors, and apta-nanobiosensors, for their synthesis, action, and applications. This book provides an updated overview of ethical considerations and regulations for nanotechnology in agri-food applications.
