1. Record Nr. UNINA990005016020403321

Titolo	Estudios literarios de hispanistas norteamericanos dedicados a Helmut Hatzfeld con motivo de su 80. aniversario / compilados y editados por: Josep M. Sola-Sole, Alessandro Crisafulli, Bruno Damiani
Pubbl/distr/stampa	Barcelona : Hispam, c1974
ISBN	84-85044-02-9
Descrizione fisica	475 p. ; 24 cm
Collana	Coleccion Lacetania
Locazione	FLFBC
Collocazione	ALPHA 2079
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910743253503321

Titolo	Plant Tissue Culture: New Techniques and Application in Horticultural Species of Tropical Region / / edited by Duong Tan Nhut, Hoang Thanh Tung, Edward Chee-Tak YEUNG
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-6498-6 981-16-6497-8
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (400 pages)
Collana	Biomedical and Life Sciences Series
Disciplina	581.0724
Soggetti	Plant biotechnology Physiology Agriculture Biology - Technique Plant Biotechnology Biological Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references
Nota di contenuto	Chapter 1. General information: some aspects of plant tissue culture -- Chapter 2. The use of the paraffin embedding method in the study of cultured explants I: Background information -- Chapter 3. The paraffin embedding method II: Protocols -- Chapter 4. A simple guide to the use of compresstome in plant research -- Chapter 5. Establishment of nylon bag culture system in regeneration and micropropagation -- Chapter 6. Wounding manipulation and shoot tip removal methods in the micropropagation of Paphiopedilum callosum -- Chapter 7. Stem elongation for plant micropropagation -- Chapter 8. Somatic embryogenesis as a tool for propagating of some plants -- Chapter 9. Light-Emitting Diodes (LEDs) in plant regeneration, growth and secondary metabolite accumulation -- Chapter 10. In vitro hydroponic culture system in plant micropropagation -- Chapter 11. Microponic culture system in the propagation of some plants -- Chapter 12. The application of thin cell layers culture technique in plant regeneration and micropropagation - latest achievements -- Chapter 13. In vitro flowering of T. fournieri -- Chapter 14. The use of silver nanoparticles as a disinfectant and media additive in plant micropropagation -- Chapter 15. Enhanced growth and overcoming abnormal phenomena in micropropagation by nanoparticles -- Chapter 16. A protocol of shoot regeneratin and polyploid plantlet production in P. villosum -- Chapter 17. In vitro growth and development of plants under stimulated microgravity condition -- Chapter 18. Wireless light-emitting diode system for micropropagating of Chrysanthemum and Strawberry.
Sommario/riassunto	This book presents latest work in the field of plant biotechnology regarding high-efficiency micropropagation for commercial exploitation at low labor and equipment costs. The book consists of 18 chapters on establishing advanced culture systems, techniques as well as latest modification protocols on a variety of crops. It also discusses new methods such as nylon film culture system, light-emitting diode and wireless light-emitting diode system, stem elongation, wounding manipulation and shoot tip removal, in vitro hydroponic and microponic culture system, thin cell layer culture system etc. Plant cell tissue has been developed more than fifty years ago. Since then applications of in vitro plant propagation expanded rapidly all around the world and played as an important role in agricultural and horticultural systems. This book will be of interest to teachers, researchers, scientists, capacity builders and policymakers. Also the book serves as additional reading material for undergraduate and graduate students of agriculture, forestry, ecology, soil science, and environmental sciences.