1. Record Nr. UNINA990005536130403321

Autore	Cesarotti, Melchiorre
Titolo	Opere scelte / Melchiorre Cesarotti ; a cura di Giuseppe Ortolani
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Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
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Titolo	Medicinal Plants : From Farm to Pharmacy / / edited by Nirmal Joshee, Sadanand A. Dhekney, Prahlad Parajuli
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-31269-0
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (X, 439 p. 86 illus., 41 illus. in color.)
Disciplina	572.572
Soggetti	Botanical chemistry Plant breeding Alternative medicine Pharmaceutical technology Plant Biochemistry Plant Breeding/Biotechnology Complementary & Alternative Medicine Pharmaceutical Sciences/Technology Plantes medicinals Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. The Evolution of Modern Medicine: Garden to Pill Box -- 2. Bioprospecting for Pharmaceuticals- An Overview and Vision for Future Access and Benefit Sharing -- 3.Nepal: A Global Hotspot for Medicinal Orchids -- 4.Current Status and Future Prospects for Select Underutilized Medicinally-Valuable Plants of Puerto Rico: A Case Study -- 5. Black Pepper: Health Benefits, In Vitro Multiplication and Commercial Cultivation -- 6.Prospects for Goji Berry (Lycium barbarum L.) Production in North America -- 7. Skullcaps (Scutellaria spp.): Ethnobotany and Current Research -- 8. Cultivating Medical Grade Cannabis for the Development of Phytopharmaceuticals -- 9. Natural Products as Possible Vaccine Adjuvants for Infectious Diseases and Cancer -- 10. In vitro Plant Cell Cultures: A Route to Production of Natural Molecules and Systematic in vitro Assays for Their Biological Properties -- 11. Antioxidant, Antimicrobial, Analgesic, Anti-inflammatory and Antipyretic Effects of Bioactive Compounds from Passiflora Species -- 12. Modulation of Tumor Immunity by Medicinal Plant or Functional Food Derived Compounds -- 13. Dietary Brown Seaweed Extract Supplementation in Small Ruminants -- 14. Discovery of Green Tea Polyphenol-Based Antitumor Drugs: Mechanisms of Action and Clinical Implications -- 15.Therapeutic and Medicinal Uses of Terpenes -- 16. Unexplored Medicinal Flora Hidden Within South Africa’s Wetlands -- 17. Seabuckthorn: A Multipurpose Medicinal Plant From Upper Himalayas -- Index.
Sommario/riassunto	This book offers a fresh look on a variety of issues concerning herbal medicine - the methods of growing and harvesting various medicinal plants; their phytochemical content; medicinal usage; regulatory issues; and mechanism of action against myriad of human and animal ailments. ‘Medicinal Plants: From Farm to Pharmacy’ comprises chapters authored by renowned experts from academics and industry from all over the world. It provides timely, in-depth study/analysis of medicinal plants that are already available in the market as supplements or drug components, while also introducing several traditional herbs with potential medicinal applications from various regions of the world. The book caters to the needs of a diverse group of readers: plant growers, who are looking for ways to enhance the value of their crops by increasing phytochemical content of plant products; biomedical scientists who are studying newer applications for crude herbal extracts or isolated phytochemicals; clinicians and pharmacologists who are studying interactions of herbal compounds with conventional treatment modalities; entrepreneurs who are navigating ways to bring novel herbal supplements to the market; and finally, natural medicine enthusiasts and end-users who want to learn how herbal compounds are produced in nature, how do they work and how are they used in traditional or modern medicine for various disease indications.