1. Record Nr. UNIORUON00137594

Autore	VARADARAJAN, M.
Titolo	Tampikku / M. Varadarajan
Pubbl/distr/stampa	Cennai, : [s. n.], 1949
Descrizione fisica	56 p. ; 19 cm
Classificazione	SI VI LCX
Soggetti	Letteratura tamil
Lingua di pubblicazione	Tamil
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910148793203321

Titolo	Medicinal Plants - Recent Advances in Research and Development / / edited by Hsin-Sheng Tsay, Lie-Fen Shyur, Dinesh Chandra Agrawal, Yang-Chang Wu, Sheng-Yang Wang
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2016
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXIII, 491 p. 70 illus., 43 illus. in color.)
Disciplina	572.572
Soggetti	Botanical chemistry Molecular ecology Botany Molecular biology Pharmaceutical technology Plant Biochemistry Molecular Ecology Plant Sciences Molecular Medicine Pharmaceutical Sciences/Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Chinese Herbal Medicine-derived Products for Prevention or Treatment of Diseases Affecting Quality of Life -- 2. Ethnopharmacological Importance of Western Medicinal Herb, Scutellaria lateriflora -- 3. Liquid Chromatography-Mass Spectrometry (LC-MS) - Approaches to Adulterant Detection in Herbal Products -- 4. DNA Barcoding of Medicinal Plants -- 5. Deciphering the Biosynthetic Pathways of Bioactive Compounds in Planta Using Omics Approaches -- 6. Memory Booster Plant Bacopa monniera (Brahmi): Biotechnology and Molecular Aspects of Bacosides Biosynthesis -- 7. Metabolic Engineering: Achieving New Insights to Ameliorate Metabolic Profiles in Withania somnifera -- 8. Salvia miltiorrhiza: a Medicinal Herb From Metabolites to Pathway Engineering -- 9. Biotechnology of Medicinal Plants in Taiwan – Studies on In Vitro Propagation and Influence of Ventilation Closures on Hyperhydricity in Cultures -- 10. PROPAGATION and Bioreactor Technology of Medicinal Plants – case Studies on Paclitaxel, 10-deacetylbaccatin III, and Camptothecin -- 11. Pharmacological Applications of Lucidone, A Naturally Occurring Cyclopentenedione -- 12. Pharmacokinetics of phytopharmaceuticals: A peek into Contingencies and Impediments in Herbal Drug Development -- 13. Green Tea and its Role in Cancer Prevention and Therapy -- 14. Chinese Medicinal Herbs as Source of Rational Anticancer Therapy -- 15 An Update on Antitumor Activity of Angelica Species -- 16. Advances in Chinese Herbal Medicine for Rheumatoid Arthritis: Clinical Utilization and Efficacy, Mechanism of Action, and Safety -- 17. Medicinal Plants Used in the Management of Non-Communicable Diseases in Uganda -- 18. Plant-derived Agents in Modulation of Rheumatoid Arthritis -- 19. Ayurvedic Plants With Anti-Diabetic Potential -- 20. Herbal Medicines: Boon or Bane for the Human Liver?.
Sommario/riassunto	Since ancient times, plants have been used as a prime natural source of alternative medicines and have played an important role in our lives. The old tradition of medicinal plant application has turned into a highly profitable business in the global market, resulting in the release of a large number of herbal products. People have tried to find different sources of medicines to alleviate pain and cure different illnesses. Due to severe constraints of synthetic drugs and the increasing contraindications of their usage, there is a growing interest world over in the usage of natural products based on medicinal herbs, hence, there is an ever expanding market of herbs and herbal based medicinal preparations all over the world. This has culminated into an exponential increase in number of research groups in different geographical locations and generation of volume of research data in the field in a short span of time. The path breaking advancement in research methods and interdisciplinary approaches is giving birth to newer perspectives. Therefore, it becomes imperative to keep pace with the advancement in research and development in the field of medicinal herbs. There are a large number of researchers in different parts of the world working on various aspects of medicinal plants and ‘herbal medicines’. The idea is to bring their recent research work into light in the form of a book. The proposed book contains chapters by the eminent researchers in different countries and working with different disciplines of medicinal plants. Articles pertain to different disciplines such as: Resources and conservation of medicinal plants Biosynthesis and metabolic engineering of medicinal plants Tissue culture,

propagation and bioreactor technology of medicinal plants Phytochemical research on medicinal plants Herbal medicines and plant-derived agents in cancer prevention and therapy <herbal medicines="" and="" plant-derived="" agents="" in="" metabolic="" syndrome="" management Herbal medicines and plant-derived agents in modulation of immune-related disorders Herbal medicines and hepatotoxicity The book will prove itself an asset for the researchers, professionals and also students in the area of medicinal plants and mechanism of their action.