

1. Record Nr.	UNINA9910963598903321
Titolo	The therapeutic properties of medicinal plants : health-rejuvenating bioactive compounds of native flora // edited by Megh R. Goyal, Hafiz Ansar Rasul Suleria, Ademola Olabode Ayeleso, T. Jesse Joel, Sujogya Kumar Panda
Pubbl/distr/stampa	Oakville, ON ; ; Palm Bay, Florida : , : Apple Academic Press, , [2020]
ISBN	0-429-55575-X 0-429-26520-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (377 pages)
Collana	Innovations in plant science for better health
Disciplina	615.321
Soggetti	Medicinal plants
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Antioxidant Agents from Green Leafy Vegetables: A Review / Abiola Fatimah Adenowo, Muhibah Folashade Ilori, and Mutiu Idowu Kazeem -- <i>Carpobrotus edulis</i> L. (Sour Fig): Phytochemistry, Pharmacology, and Toxicology / Francis N. Nkede, Simeon A. Materechera, and Wilfred Otang-Mbeng -- Phytochemistry, Pharmacology, and Safety Issues of Essential Oils: -- Applications in Aromatherapy / Anindya Sundar Ray, Suman Kalyan Mandal and Chowdhury Habibur Rahaman -- Extraction and Therapeutic Potential of Essential Oils: A Review / Sujatha Govindaraj -- Therapeutic Potential of <i>Ocimum tenuiflorum</i> L.: Metabolic and Mental Disorders / Nishikant A. Raut, Dadasaheb M. Kokare, and Gail B. Mahady -- Antimicrobial Compounds from Medicinal Plants: Effects on Antibiotic Resistance to Human Pathogens / Olutoyin Omolara Bamigboye and Idowu Jesulayomi Adeosun -- Plant-Based Natural Products Against Huntington's Disease: Preclinical and Clinical Studies / Banadipa Nanda, Samapika Nandy, Anuradha Mukherjee, and Abhijit Dey -- Pathophysiology and Management of Acute Mountain Sickness (AMS) / Kushal Kumar, Kalpana Kumari Barwal, and Sunil Kumar Hota -- Antihelmintic Properties of <i>Allium sativum</i> L.: Effect on Fecal Egg Count of West African Dwarf (WAD) Rams / Azeez Olanrewaju Yusuf and Ganiyat Abiola Oladunmoye -- Buriti (<i>Mauritia flexuosa</i> L.) Oil Supplementation: Effects on Oxidative

Stress and Hormonal Concentrations in Male Wistar Rats / Boitumelo Rosemary Mosito, Nicole Lisa Brooks, and Yapo Guillaume Aboua -- Herbal Management for Polycystic Ovarian Syndrome / Huma Bader-UI Ain, Farhan Saeed, Muhammad Umair Arshad, and Hafiz Ansar Rasul Suleria -- Role of Herbal Medicines During Pregnancy and Labor / -- Fanuel Lampiao, Ibrahim Chikowe, Mayeso Gwedela, and Kondwani Katundu -- Omics Technology: Novel Approach for Screening of Plant-Based Traditional Medicines / Rojita Mishra, Satpal Singh Bisht, and Mahendra Rana -- Automatic Recognition and Classification of Medicinal Plants: A Review / Olugbenga Kayode Ogidan and Abiodun Emmanuel Onile -- Nanoparticle-Based Delivery of Plant Metabolites / Shesan John Owonubi, Emmanuel Mukwevho, and Neerish Revaprasadu

Sommario/riassunto

"This volume, *The Therapeutic Properties of Medicinal Plants*, provides some informative research on the scientific evidence of the health benefits that can be derived from medicinal plants and how their efficacies can be improved. The volume is divided into three sections covering the phytochemistry of medicinal plants, disease management with medicinal plants, and novel research techniques in medicinal plants. The pharmacological benefits of several specific plants, such as basil, fig, garlic, palm tree, etc., are discussed, addressing health issues including metabolic and mental disorders, acute mountain sickness, polycystic ovarian syndrome, and specific diseases such as Huntington's. It also looks at the role of antioxidants in disease management. Additionally, the book covers recent problems of drug resistance and how medicinal plants can serve as antibiotic, anthelmintic, and antiparasitic drugs that will be helpful for human and animals. Furthermore, it also covers novel approaches for the screening of plant-based medicines, extraction, toxicity and safety issues of essential oils, and nanoparticle-based delivery of plant metabolites. The findings reported in this book will be useful in health policy decisions and will help to motivate the development of new health care products from plants for health benefits. The book will further encourage the preservation of traditional medical knowledge of plants with therapeutic qualities. It will be a valuable reference for researchers, scientists, students, growers, traders, processors, industry professionals, dieticians, medical practitioners, and others"--
