

1. Record Nr.	UNINA9910626105003321
Titolo	Plants as a source of natural antioxidants // edited by Nawal Kishore Dubey, Banaras Hindu University, India
Pubbl/distr/stampa	Boston, Massachusetts : , : CABI, , [2015] ©2015
ISBN	1-78924-436-6 1-78064-267-9
Descrizione fisica	1 online resource (317 p.)
Disciplina	615.3/28
Soggetti	Materia medica, Vegetable Antioxidants - Health aspects Antioxidants - Therapeutic use
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Plants of Indian traditional medicine with antioxidant activity / N.K. Dubey, Akash Kedia, Bhanu Prakash, and Nirmala Kishore -- Natural antioxidants from traditional Chinese medicinal plants -- Li Sha, Li Shu-Ke, Li Hua-Bin, Xu Xiang-Rong, Li Fang, Wu Shan, and Li An-Na -- Review on antioxidant potential of African medicinal and food plants / S.E. Atawodi, O.D. Olowiniyi, G.O. Adejo, and M.L. Liman -- Antioxidant plants from Brazil / Nadia Rezende Barbosa Raposo, Annelisa Farah Silva, Hudson Caetano Polonini, and Antonio Marcio Resende Do Carmo -- Antioxidant characteristics of Korean edible wild plants / Sang-Uk Chon and Kyeong Won Yun -- Algae as natural source of antioxidant active compounds / Emad A. Shalaby -- Antioxidant potential of marine microorganisms: a review / V.N. Pandey, Sarad K. Mishra, Abhai K. Srivastava, and Nidhi Gupta -- Biotechnology for plants with increased levels of antioxidants / S. Hettiarachi and P.L. Hettiarachchi -- Plant-derived antioxidants as food additives / Dimitris P. Makris and Dimitrios Boskou -- Antioxidants: biochemical activity and therapeutic role in plants and humans / Neha Pandey and Shashi Pandey-Rai -- Pharmacology of medicinal plants having antioxidant activity / Archana Mehta -- Endophytic fungal association of plants and antioxidant

compounds / S.C. Sati and S. Joshi -- Mycorrhizal fungi in the formation of antioxidant compounds / P.N. Bhattacharyya and D.K. Jha -- Oxidative stress and role of mushrooms as reservoir of potentially active natural antioxidants: an overview / Sikha Dutta.

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**Sommario/riassunto**

A comprehensive overview of both traditional and current knowledge on the health effects of plant based antioxidants, this book reviews medicinal and aromatic plants from around the world. It covers the different sources of antioxidants including essential oils, algae and marine microorganisms, as well as the role of abiotic and biotic stresses, endophytes, transgenic approaches in scavenging ROS and antioxidant plants used in different therapeutic systems.

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