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Altri autori (Persone)	Cechinel-FilhoValdir
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Natural products in drug discovery : recents advances / Gordon M. Cragg, Paul G. Grothaus, David J. Newman -- Modern approaches in the search for new active compounds from crude extracts of natural sources / Emerson F. Queiroz, Kurt Hostettmann, Jean-Luc Wolfender -- Natural product as lead compounds in medicinal chemistry / Eliezer J. Barreiro, Carlos A.M. Fraga, Lidia M. Lima -- The importance of structural manipulation of natural compounds in drug discovery and development / Arturo San Feliciano ... [et al.] -- The action of plants and their constituents on the central nervous system / Fulvio R. Mendes ... [et al.] -- The role of natural products in discovery of new anti-infective agents with emphasis on antifungal compounds / Maximiliano Sortino ... [et al.] -- Antiulcer agents from higher plants / Luiz C. Klein-Junior, Jose R. Santin, Sergio F. de Andrade -- Recent progress in the chemistry and biology of paclitaxel (Taxol) and related taxanes / Jun Qi, Jieliu Zhao, David G.I. Kingston -- Cancer chemopreventive activity of higher plants / A. Douglas Kinghorn ... [et al.] -- Medicinal plants and pharmaceutical technology / Ruth M. Lucinda da Silva, Angelica G. Couto, Tania M.B. Bresolin -- Natural products in clinical trials / Sigrun

Chrubasik -- The influence of biotic and abiotic factors on the production of secondary metabolites in medicinal plants / Dayana R. Gouveia, Leonardo Gobbo-Neto, Norberto P. Lopes -- Production of bioactives compounds : the importance of Pictet-Spengler reaction in the XXI century / Pilar Menendez ... [et al.] -- Screening methods for drug discovery from plants / Alan L. Harvey -- Phytotherapeutics: intellectual property rights, global market, and global regulatory guidelines / James D. McChesney, Raymond Cooper, Kip Vought -- Cooperation between the pharmaceutical industry and academic institutions in drug discovery / Valdir Cechinel Filho, Rivaldo Niero, and Rosendo A. Yunes.

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Sommario/riassunto

An in-depth exploration of the applications of plant bioactive metabolites in drug research and development Highlighting the complexity and applications of plant bioactive metabolites in organic and medicinal chemistry, *Plant Bioactives and Drug Discovery: Principles, Practice, and Perspectives* provides an in-depth overview of the ways in which plants can inform drug research and development. An edited volume featuring multidisciplinary international contributions from acclaimed scientists researching bioactive natural products, the book provides an incisive overview of

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