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Nota di contenuto	Contents; Foreword; Note from the Editors; Phytonutrients - The Natural Drugs of the Future Tracy Gibbs; Research on the Supercritical CO2 Extraction of Xinyang MaoJian Tea Liu Zhongdong, Yang Jing, Liu Peng, Chen Zhaotan and Meng Qinghua; Applications of RNAi Technology Daina Lim, George W Yip and Boon-Huat Bay; Enhancing Bioactive Molecules in Medicinal Plants M Z Abdin; Biotransformation of Taxanes from Cell Cultures of Taxus sp Jungui Dai, Dean Guo, Masayoshi Ando and Lin Yang; Biotransformation of Terpenes and Steroids by Fungi Paul B Reese Rapid Analysis of Triterpenoid Saponins in Plant Extract Using ESI-MS"" and LC-MS"" Bin Li, Zeper Abliz, Meijun Tang, Guangmiao Fu and Shishan YuHPLC-MS Analysis of Phenolic Constituents of Phyllanthus Amarus Guangying Chen, Guoyuan Zhu, Guoying Li and Wangfun Fong; Structure Elucidation of Norditerpene Alkaloids from Ranunculaceae Species Peter Forgo, Katalin E Kover and Judit Hohmann; Quantitative Detection of Isoflavones in the Extract of Red Clover by HPLC/ESI-MS Zhang Guifeng, Liu Tao and Su Zhiguo Measurement of Bioactive Constituents in Traditional Chinese Medicines by CE with Electrochemical Detection Gang Chen and

Xiaohong Chen Chemical Constituents of *Aegiceras corniculatum* Zhang Daojing, Zhang Si, Wu Jun and Yang Jin; Norditerpenoids from the Soft Coral *Nephthea chabroli* Wei-Hun Zhang, Kevin Pan and Chun-Tao Che; The Metabolites of the Mangrove Fungus *Xylaria* sp (2508) Zhi-gang She, Yong-cheng Lin, Zhi-yong Guo, Xiong-yu Wu and Yan Huang; Phytochemical Evaluation of Polyherbal Formulations Using HPTLC Milind S Bagul and M Rajani

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Sommario/riassunto

An ideal text for the natural product scientist looking for new techniques in research, this volume comprises the latest information on natural/plant resources. The comprehensive chapters cover the chemistry and pharmacology of a range of natural products - from Chinese herbal medicine to tea extracts, microbes to marine sponges, and the latest technologies to enhance the synthesis, isolation and purification of bioactive herbal compounds from these products. Adding additional value to the book are chapters on new tools in information technology that can greatly facilitate the research of natu