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Nota di contenuto	1. Green tea : history, processing techniques, principles, traditions, features, and attractions / Mahendra P. Kapoor. [et al.] -- 2. Biochemical and physicochemical characteristics of green tea polyphenols / Takashi Tanaka, Yosuke Matsuo, and Isao Kouno -- 3. Metabolism, bioavailability, and safety features of green tea polyphenols / Shiming Li and Chi-Tang Ho -- 4. Green tea polyphenols for cancer risk reduction : preclinical and epidemiological studies / Naghma Khan. [et al.] -- 5. Chemopreventive action of green tea polyphenols (molecular-biological mechanisms) / Vijay S. Thakur and Sanjay Gupta -- 6. Green tea prevents ultraviolet radiation-induced skin cancer through rapid repair of DNA damage / Santosh K. Katiyar -- 7. Green tea polyphenols in cardiovascular diseases / Hla-Hla Htay. [et al.] -- 8. Green tea polyphenols in weight management (obesity) and diabetes / Tadashi Sakuma. [et al.] -- 9. Green tea polyphenols for the protection of internal organs : focus on renal damage caused by oxidative stress / Takako Yokozawa. [et al.] -- 10. Green tea polyphenols improve bone and muscle quality / Olivier M. Dorchies and Urs T. Ruegg -- 11. role of green tea polyphenols in strengthening the immune system / Jack F. Bukowski -- 12. Green tea polyphenols in allergic remedies / Hirofumi Tachibana -- 13. Green tea polyphenols and gut health / Theertham P. Rao. [et al.] -- 14. Green tea

polyphenols in oral care / Kazuko Takada and Masatomo Hirasawa -- 15. Nutrigenomics and proteomics of tea polyphenols / Molay K. Roy and Yoshinori Mine -- 16. Green tea polyphenols in food and nonfood applications / Mahendra P. Kapoor. [et al.]

Sommario/riassunto

There is a wealth of published research on the health-promoting effects of green tea and its various components including polyphenols. *Green Tea Polyphenols: Nutraceuticals of Modern Life* presents a collection of global findings on the numerous health benefits of green tea polyphenols, confirming their position as healthy functional ingredients. With chapters contributed by experts in the field of green tea science and the inclusion of extensive references, this book provides an authoritative volume that can be used to guide researchers, scientists, and regulatory bodies. Each chapter previews
