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Titolo	Handbook of plant food phytochemicals [[electronic resource]] : sources, stability and extraction // edited by B.K. Tiwari, Nigel P. Brunton, Charles S. Brennan
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Descrizione fisica	1 online resource (530 p.)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Plant food phytochemicals -- Chemistry and classification -- Phytochemicals and health -- Pharmacology of phytochemicals -- Fruit and vegetables -- Food grains -- Plantation crops and tree nuts -- Food processing by-products -- On farm and fresh produce management -- Minimal processing of leafy vegetables -- Effect of thermal processing on phytochemicals -- Effect of novel thermal processing on phytochemicals -- Effect of non thermal processing on phytochemicals -- Stability of phytochemicals during grain processing -- Factors affecting phytochemical stability -- Stability of phytochemicals during storage -- Conventional extraction techniques for phytochemicals -- Novel extraction techniques for phytochemicals -- Analytical techniques for phytochemicals -- Antioxidant activity of phytochemicals -- Industrial applications of phytochemicals.

Sommario/riassunto

Phytochemicals are plant derived chemicals which may bestow health benefits when consumed, whether medicinally or as part of a balanced diet. Given that plant foods are a major component of most diets worldwide, it is unsurprising that these foods represent the greatest source of phytochemicals for most people. Yet it is only relatively recently that due recognition has been given to the importance of phytochemicals in maintaining our health. New evidence for the role of specific plant food phytochemicals in protecting against the onset of diseases such as cancers and heart disease is conti
