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Nota di contenuto	Functional food sources: beans in sight / Rocio Campos-Vega ... [et al.] -- Chemical composition and food properties of six cultivars (whole and dehulled) of African yam bean (<i>Sphenostylis stenocarpa</i>) flours / E. I. Adeyeye -- Chemical composition and anti-nutritional factors in five tropical legume seeds / David Betancur-Ancona ... [et al.] -- Preparation techniques for maintenance of nutritional quality of beans / Ana Carolina Fernandes, Rossana Pacheco da Costa Proenca -- Genetic diversity of grains, storage pests and their effects on the worldwide bean supply / Isabel Ribeiro do Valle Teixeira, Cristiane Fortes Gris -- Food-grade soybean: consumption, nutrition, and health / Bo Zhang ... [et al.] -- Angiotensin I-converting enzyme inhibitory and antioxidant activities of protein hydrolysates from four tropical legumes / Maira Segura-Campos ... [et al.] -- Beans by-products, potential sources for functional ingredients / I. Mateos-Aparicio -- Relationship between nutritional quality of beans and growing conditions / Eszter Nemeskeri -- Proteinase inhibitors from legumes / T.B. Ng -- Lectins in legumes / Jack Ho Wong, T.B. Ng -- Leguminous alpha-amylase inhibitors / T.B. Ng ... [et al.] -- Seed yield in mungbean (<i>Vigna radiata</i> (L.) Wilczek) is correlated with root length density and total dry matter / P. Khajudparn

Sommario/riassunto

In this book, the authors present topical research in the study of the nutrition, consumption and health benefits of bean products. Topics discussed in this compilation include the chemical composition and food properties of six cultivars of African yam bean flours; food-grade soybean consumption and nutrition; proteinase inhibitors from legumes; lectins in legumes; seed yield in mungbean as correlated with root length density and total dry matter; defensins in beans; nutritional quality of beans and growing conditions; bean by-products and the angiotensin I-converting enzyme inhibitory and antioxidant activities of protein hydrolysates from four tropical legumes.