1. Record Nr. UNINA9910633967003321

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Titolo	Legumes Research . Volume 2 / / Jose C. Jimenez-Lopez, Alfonso Clemente
Pubbl/distr/stampa	London : , : IntechOpen, , 2022
ISBN	1-80356-915-8
Descrizione fisica	1 online resource (372 pages)
Disciplina	633.304233
Soggetti	Legumes - Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Legumes, Sustainable Alternative Protein Sources for Aquafeeds -- 2. Pulses: A Potential Source of Valuable Protein for Human Diet -- 3. Bioactive Peptides from Legumes and Their Bioavailability -- 4. Nutraceutical Properties of Legume Seeds: Phytochemical Compounds -- 5. Phenolic Compounds in Legumes: Composition, Processing and Gut Health -- 6. Assessment of Secondary Metabolites with Different Uses of Fenugreek -- 7. Present and Future Perspective of Soybean Cultivation -- 8. Soybean Seed Compounds as Natural Health Protectors -- 9. Soybean and Other Legume Proteins Exhibit Beneficial Physiological Effects on Metabolic Syndrome and Inflammatory-Related Disorders -- 10. Unlocking Pharmacological and Therapeutic Potential of Hyacinth Bean (Lablab purpureus L.): Role of OMICS Based Biology, Biotic and Abiotic Elicitors -- 11. Vigna unguiculata (L.) Walp: A Strategic Crop for Nutritional Security, Well Being and Environmental Protection -- 12. Health Risks Associated with the Consumption of Legumes Contaminated with Pesticides and Heavy Metals -- 13. Fermentation as Strategy for Improving Nutritional, Functional, Technological, and Sensory Properties of Legumes -- 14. Enzymatic Processing of Pigeon Pea Seed Increased Their Techno-Functional Properties -- 15. Function of Urease in Plants with Reference to Legumes: A Review -- 16. Legume Protein: Properties and Extraction for Food Applications -- 17. A Review on the Cooking Attributes of African Yam Bean (Sphenostylis stenocarpa).
Sommario/riassunto	Legumes have nutraceutical qualities that impart beneficial effects on

human health. They are an alternative protein source with great potential for use in producing novel foods with improved nutritional properties. This book presents a comprehensive overview of legume proteins, including information on their nutritional and nutraceutical profiles, the health benefits of their compounds, and their underlying bioactivities such as anti-diabetic, hepatoprotective, anti-inflammatory, antioxidant, and anti-cancer properties.