

1. Record Nr.	UNINA9910464574503321
Titolo	Ingenierie écologique : action par et/ou pour le vivant? / / Freddy Rey, Frederic Gosselin, Antoine Dore, coordinateurs
Pubbl/distr/stampa	Versailles, France : , : Editions Quae, , 2014 ©2014
ISBN	2-7592-2136-9
Descrizione fisica	1 online resource (179 p.)
Collana	Syntheses, , 1777-4624
Disciplina	174.962
Soggetti	Engineering - Environmental aspect Engineering ethics Electronic books.
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910584479303321
Titolo	Food and Agricultural Byproducts as Important Source of Valuable Nutraceuticals / / edited by Chukwuebuka Egbuna, Barbara Sawicka, Johra Khan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-98760-4
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (257 pages)
Disciplina	664 628.74
Soggetti	Food science Food security Nutrition Food Science Food Security Food Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1: The Role of Nutraceuticals as Food and Medicine, Types and Sources -- Chapter 2: Potato Peels as a Source of Nutraceutic -- Chapter 3: Red Beet Pomace as a Source of Nutraceuticals -- Chapter 4: Mango Peels as a Source of Nutraceuticals -- Chapter 5: Apple Pomace as a Source of Nutraceutical -- Chapter 6: Olive Pomace as a Source of Nutraceuticals -- Chapter 7: Orange Peel as a Source of Nutraceuticals -- Chapter 8: Pineapple Fruit Peels as a Source of Nutraceuticals -- Chapter 9: Jackfruit (<i>Artocarpus heterophyllus</i> Lam) Byproducts as a Source of Nutraceuticals -- Chapter 10: Pawpaw Peels as a Source of Nutraceuticals -- Chapter 11: Nutritional and Nutraceutical Potentials of Residual Cakes from Seeds of Moringa (<i>Moringa oleifera</i> L.), Sacha Inchi (<i>Plukenetia volubilis</i> L.) and Hibiscus Flower (<i>Hibiscus sabdariffa</i> L.) after Oil Extraction -- Chapter 12: Whey Protein from Milk as a Source of Nutraceuticals -- Chapter 13: Corn Byproducts as a Source of Nutraceuticals -- Chapter 14:Sorghum Byproducts as a Source of

Sommario/riassunto

Food and agricultural by-products are leftovers or wastes from parts of foods, fruits, vegetables and animal sources which are obtained after processing. Agricultural by-products includes peels and rinds from citrus fruits, pineapple, mango, and banana. Other notable ones are pomace from apple, olive, red beet, and those from wine making. Also, whey from milk, straws, hulls, and brans from grains are among top agricultural by-products. These by-products often impact the environment and the social-economic sectors when they are disposed. But with the recent advances in biotechnology and scientific research, scientists have found usefulness in some of these byproducts as sources of valuable nutraceuticals, a term used to refer to chemical entities present in foods that has the propensity to impact health for disease prevention and treatment. This book entitled 'Food and agricultural by-products as important source of valuable nutraceuticals' presents detailed information about major agricultural byproducts that are rich in nutraceuticals. The nature and the type of nutraceuticals that they contains and their health promoting benefits were presented. The editors and chapter contributors are renowned experts from key institutions around the globe. This book will be useful to students, teachers, food chemists, nutritionists, nutritional biochemists, food biotechnologists among others. Key features Ø Highlights the health promotion benefits of nutraceuticals Ø Presents information on agrifood by-products as sources of nutraceuticals Ø Discusses functional nutraceuticals from peels, rinds, pomace, hull, bran etc.
