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2. Record Nr.	UNINA9910350350703321
Autore	Hoda Muddasarul
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Nota di contenuto	<p>Diabetes: Its Implications, Diagnosis, Treatment &amp; Management --</p> <p>Phenolic Phytochemicals- Sources, biosynthesis, extraction and their isolation -- Food sources of Anti-Diabetic Phenolic Compounds --</p> <p>Mechanisms of Action of Phenolic Phytochemicals in Diabetes</p> <p>Management -- Synergistic Behaviour of Phytophenolics with Anti-Diabetic Drugs -- Polyphenol Nanoformulations with Potential Antidiabetic Properties -- Pharmacokinetics and Pharmacodynamics of Polyphenols -- Trends in Research and Development of Phenolic Phytochemicals as Potential Anti-Diabetic Therapeutics -- Conclusions.</p>
Sommario/riassunto	<p>This book summarizes the latest research trends in phytophenolic therapy for the management of diabetes. It discusses the various mechanisms of action of phytophenolics present in food, fruits and plants that can be used to control/reverse diabetic conditions. Further, it addresses the synergistic interactions of phytophenolics with anti-diabetic drugs, as understanding them can yield valuable insights for complementary and alternative medicine. In closing, it discusses the important aspects of nanotechnology-based targeted delivery and improving the bioavailability of phenolic phytochemicals, two major areas of research in phytotherapy of diabetes.</p>