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Cover -- Title Page -- Copyright Page -- Contents -- List of Contributors -- Preface -- Editor Biography -- Part I Overview of Polyphenols -- 1 Fundamentals of Polyphenols: Nomenclature, Classification and Properties -- 1.1 Introduction -- 1.2 A Short History of Polyphenols -- 1.3 Fundamental of Polyphenols -- 1.4 Nomenclature of Polyphenols -- 1.5 Classification of Polyphenols -- 1.5.1 Flavonoids -- 1.5.2 Nonflavonoids -- 1.6 Extraction Methods of Polyphenols -- 1.6.1 Ultrasonic-Assisted Extraction of Polyphenols -- 1.6.2 Microwave-Assisted Extraction of Polyphenols -- 1.6.3 Supercritical Fluid Extraction of Polyphenols -- 1.6.4 SPE of Polyphenols -- 1.6.5 Solvent Extraction of Polyphenols -- 1.7 Solubility of Polyphenols -- 1.7.1 Chemical Modification -- 1.7.2 Solubilizing Agents -- 1.7.3 Physical Treatment -- 1.7.4 Solubility of Polyphenols by pH Adjustment -- 1.7.5 Co-solvents -- 1.8 Flavor and Color of Polyphenols -- 1.8.1 Flavor -- 1.8.2 Color of Polyphenols -- 1.9 Health-Promoting Properties of Polyphenols -- 1.9.1 Antioxidative Properties -- 1.9.2 Anti-inflammatory Properties -- 1.9.3 Anti-cancer Properties -- 1.9.4 Cardiovascular Health -- 1.9.5 Neuroprotective Properties -- 1.9.6 Anti-diabetic Activity -- 1.9.7 Anti-microbial Properties -- 1.10 Skin Benefits of Polyphenols -- 1.11 Conclusions -- References -- 2 Chemistry of Polyphenols: Synthesis, Characterization, and Structure (Electronic and Molecular) and Reactivity -- 2.1 Introduction -- 2.2 Synthesis and Characterization -- 2.3 Polyphenolics Without Intervening Atoms -- 2.3.1 Open Chain -- 2.3.2 Cyclic -- 2.4 Polyphenols with Intervening Carbon Atoms -- 2.4.1 Phenol-Aldehyde Oligomers -- 2.5 Polyphenols with Intervening Heteroatoms -- 2.5.1 Open Chain -- 2.5.1.1 Poly-Phenylene-Ether -- 2.5.1.2 Oxacalixarenes -- 2.6 Characterization -- 2.7 Chemical Structure and Reactivity. 2.7.1 Functional Groups and Classification -- 2.7.2 Chemical Arrangement of Polyphenols -- 2.7.3 Presence of Multiple Rings -- 2.8 Conclusion -- References -- 3 Plant-Derived Polyphenols: Extraction, Purification, and Characterization -- 3.1 Introduction -- 3.2 Extraction of Polyphenols -- 3.2.1 Ultrasound-Assisted Extraction (UAE) -- 3.2.2 Supercritical Fluid Extraction (SFE) -- 3.2.3 Microwave-Assisted Extraction -- 3.2.4 Pressurized Liquid Extraction (PLE) -- 3.2.5 Pressurized Hot Water Extraction (PHWE) -- 3.3 Purification of Polyphenols -- 3.4 Characterization of Polyphenols -- 3.5 Conclusion and Outlook -- List of Abbreviations -- References -- 4 Fermentation and Degradation of Polyphenols -- 4.1 Introduction -- 4.2 Plant-Based Fermented Food Products with Lactic Acid Bacteria -- 4.3 Microbial Fermentation of Food Macronutrients -- 4.4 Metabolism of Food Phenolics by Lactic Acid Bacteria -- 4.4.1 Tannase -- 4.4.2 Phenolic Acid Decarboxylase (PAD) -- 4.4.3 Other Lactic Acid Bacteria Species -- 4.5 Polyphenols Differentially Modulate Bacterial Growth -- 4.6 Functional Food Products Based on Polyphenolic fermentation by Probiotics -- 4.7 Fermentation of Whole Grain Foods -- 4.8 Degradation of Polyphenol -- 4.8.1 Aerobic Degradation -- 4.8.2 Thermal Degradation -- 4.9 Conclusions and Future Perspectives -- Acknowledgments -- List of Abbreviations -- References -- Part II Industrial Applications of Polyphenols -- 5 Polyphenols for Wastewater and Industrial Influent's Treatment -- 5.1 Introduction -- 5.2 History of Natural Polyphenols -- 5.3 Types of Natural Polyphenols -- 5.3.1 Flavonoids -- 5.3.2 Phenolic Acids -- 5.3.3 Tannins -- 5.3.4 Stilbenes -- 5.3.5 Lignans -- 5.4 Polyphenols in Wastewater Remediation -- 5.5 Structural and Functional Features of Polyphenols -- 5.5.1 Natural Polyphenols' Structural Features. 5.5.2 Natural Polyphenols Functional Features -- 5.6 Overview of Polyphenol-Based Materials -- 5.6.1 Nanofibers -- 5.6.2 Synthetic

Membranes -- 5.6.3 Phenolic Nanoparticles -- 5.6.4 Adsorbent -- 5.6.5 Phenolic Hydrogels -- 5.7 Applications of Natural Polyphenol-Based Material in Water Remediation -- 5.7.1 Membrane Filtration -- 5.7.2 Interfacial Solar Distillation -- 5.7.3 Adsorption -- 5.7.4 Advanced Oxidation Process -- 5.7.5 Disinfection and Purification of Water -- 5.8 Conclusions, Challenges, and Prospects -- References -- 6 Polyphenols for Anticorrosion Application -- 6.1 Introduction -- 6.2 Anticorrosive Properties of Polyphenols: Literature Survey -- 6.3 Conclusion -- References -- 7 Polyphenols for Dyes Application -- 7.1 Introduction -- 7.2 Natural Dyes and the Need for Sustainable Alternatives -- 7.2.1 Synthetic Dyes vs. Natural Dyes -- 7.2.2 Growing Demand for Sustainable Dyeing Solutions -- 7.2.3 Role of Polyphenols as Natural Dyes -- 7.3 Chemical Structure of Polyphenols and their Dyeing Properties -- 7.3.1 Overview of Polyphenols -- 7.3.2 Aromatic Rings and Hydroxyl Groups in Polyphenols -- 7.3.3 Contribution of Chemical Structure to Dyeing Properties -- 7.4 Extraction Methods for Polyphenols from Plant Sources -- 7.4.1 Plant Sources of Polyphenols -- 7.4.2 Extraction Techniques: Solvent Extraction -- 7.4.3 Extraction Techniques: Solid-Phase Extraction -- 7.4.4 Extraction Techniques: Ultrasound-Assisted Extraction -- 7.4.5 Advantages and Limitations of Different Extraction Methods -- 7.5 Dyeing Mechanisms of Polyphenols -- 7.5.1 Adsorption as a Dyeing Mechanism -- 7.5.2 Covalent Bonding in Dyeing with Polyphenols -- 7.5.3 Metal Complexation in Polyphenol Dyeing -- 7.6 Applications of Polyphenols as Natural Dyes -- 7.6.1 Polyphenols in Fabric Dyeing -- 7.6.2 Polyphenols in Leather Tanning -- 7.6.3 Polyphenols in Hair Colorants. 7.6.4 Polyphenols in Natural Food Coloring -- 7.7 Challenges and Future Prospects -- 7.7.1 Challenges in Polyphenol Dye Applications -- 7.7.2 Future Research Directions and Opportunities -- 7.7.3 Nanotechnology for Enhancing Dyeing Efficiency and Stability -- 7.8 Conclusions, Challenges, and Future Perspectives -- References -- 8 Polyphenols for Packaging Application -- 8.1 Introduction -- 8.2 Active Packaging: Coating and Thin Films -- 8.3 Phenolic Compounds -- 8.3.1 Antioxidant and Antimicrobial Activities -- 8.3.2 Polymeric Matrices for Polyphenols-Based Food Packaging -- 8.4 Classifications and Applications of Polyphenolic Compounds -- 8.4.1 Flavonoids -- 8.4.1.1 Flavanones -- 8.4.1.2 Flavonols -- 8.4.1.3 Flavanols -- 8.4.1.4 Anthocyanins -- 8.4.1.5 Flavones -- 8.4.2 Non-flavonoids -- 8.4.2.1 Tannins -- 8.4.2.2 Phenolic Acids -- 8.4.2.3 Curcuminoids -- 8.4.2.4 Coumarins -- 8.4.2.5 Lignans -- 8.4.2.6 Stilbenes -- 8.4.2.7 Lignins -- 8.5 Action Mechanism -- 8.6 Limits and Future Predictions -- 8.7 Conclusions -- References -- 9 Polyphenols for Textile-Based Application -- 9.1 Introduction -- 9.2 Polyphenols in Textile-Based Applications -- 9.2.1 Flavonoids -- 9.2.2 Phenolic Acids -- 9.2.3 Stilbenes -- 9.2.4 Lignans -- 9.2.5 Tannins -- 9.3 Specific Functional Finishing Using Polyphenols -- 9.3.1 UV Protection -- 9.3.2 Remediation of Organic Synthetic Dyes -- 9.3.3 Interfacial Assembly of Metal-Phenolic Networks for Hair Dyeing -- 9.3.4 Anti-Odor Finishing -- 9.4 Future Outlook -- 9.5 Conclusion -- Acknowledgement -- References -- 10 Polyphenols for Sensing/Biosensing Application -- 10.1 Introduction -- 10.2 Electrochemical Biosensors of Phenolic Compounds Based on Polyphenol Oxidases -- 10.2.1 Electrochemical Biosensors of Phenolic Compounds Based on Tyrosinase (Tyr) -- 10.2.2 Electrochemical Biosensors of Phenolic Compounds Based on Laccase (Lac). 10.2.3 Other Biosensors for Phenolic Compounds Quantification -- 10.3 Polyphenols for Metal Ions Sensing Applications -- 10.4 Polyphenols and Human Health -- 10.5 Conclusions and Future

Perspectives -- References -- 11 11 Polyphenol-based Hydrogels and Nanocomplexes: Fundamental, Properties, and Industrial Applications -- 11.1 Introduction -- 11.2 Polyphenols Grafted on Molecules Able to Undergo Gelation -- 11.2.1 Polyphenols Blended with Molecules Able to Undergo Gelation -- 11.2.2 Controlled Protein-Polyphenol Coacervates Based on LBL Assembly -- 11.3 Conclusions and Perspectives -- References -- 12 Polyphenol-based Materials as Sensors: Recent Trends in Chemo- and Bio-sensing -- 12.1 Introduction -- 12.2 Polyphenol -- 12.3 Polyphenol-based Nanomaterials and Their Derivatives -- 12.3.1 Metal-polyphenol Coordination Polymers -- 12.3.2 Metal-polyphenol Coordination Polymers Derived Carbon Nanomaterials -- 12.3.3 Metal-polyphenol Coordination Polymers Derived Metal Oxide Nanomaterials -- 12.4 Sensing Applications -- 12.4.1 Ion Sensing -- 12.4.1.1 pH Sensing -- 12.4.1.2 Metal Ions Sensing -- 12.4.2 Molecule Sensing -- 12.4.2.1 Formaldehyde Sensing -- 12.4.2.2 Hydrogen Peroxide Sensing -- 12.4.2.3 Ethanol Sensing -- 12.4.2.4 Melamine Sensing -- 12.4.2.5 Monofluoroacetic Acid Sensing -- 12.4.2.6 Clenbuterol Sensing -- 12.4.2.7 Trimethylamine and Triethylamine Sensing -- 12.4.2.8 Glutathione Sensing -- 12.4.2.9 Acetaminophen Sensing -- 12.4.2.10 Nucleic Acid Sensing -- 12.4.2.11 Protein Sensing -- 12.5 Summary and Outlook -- Acknowledgments -- References -- Part III Polyphenols for Life Science Applications -- 13 Polyphenols in Control of COVID-19 -- 13.1 Introduction -- 13.1.1 Overview of COVID-19 and Polyphenols -- 13.1.2 Polyphenols: Definition and General Properties -- 13.1.3 Natural sources and extraction -- 13.1.4 General Health Benefits. 13.2 Antiviral Properties of Polyphenols.

Sommario/riassunto

This book, edited by Chandrabhan Verma, provides a comprehensive exploration of polyphenols from both a scientific and engineering perspective, focusing on their fundamental properties and industrial scale applications. It delves into the chemistry, extraction, and purification processes of polyphenols, as well as their numerous practical applications across various industries, including wastewater treatment, anticorrosion, and dyeing. The text is designed for researchers, academics, and professionals in chemical engineering and related fields, offering insights into the potential of polyphenols as sustainable solutions in industrial processes. The book aims to bridge the gap between fundamental research and practical applications, emphasizing the role of polyphenols in creating environmentally friendly and efficient industrial systems.
