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Green Extraction, Separation, and Purification of Food Ingredients

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Message from the Guest Editors

Traditional organic solvents have been widely used in the extraction, separation and purification of various bioactive ingredients in food resources. However, these solvents are volatile, flammable, and even toxic, causing potential safety hazards. Recently, green solvents (water, ionic liquids, deep eutectic solvents, supercritical fluids, switchable solvents, bio-based solvents, surfactants, etc.) and some novel materials have been developed for the extraction, separation and purification of various bioactive ingredients in food resources, including enzymes, peptides, proteins, (poly)phenols, polysaccharides, flavones, terpenes, and so on. This Special Issue, “Green extraction, separation, and purification of food ingredients” aims to collect and disseminate some of the most significant and recent contributions on the green extraction, separation, and purification of food ingredients using green solvents or novel environment-friendly materials.



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Special Issue



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Message from the Editor-in-Chief

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