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Nota di contenuto	About the Editors -- Special Issue- "Bio-Based Materials: Contribution to Advancing Circular Economy" -- 3D Printing Parameter Optimization Using Taguchi Approach to Examine Acrylonitrile Styrene Acrylate (ASA) Mechanical Properties -- Towards a Circular Economy of Plastics: An Evaluation of the Systematic Transition to a New Generation of Bioplastics -- Effect of Prosopis Juliflora Thorns on Mechanical Properties of Plastic Waste Reinforced Epoxy Composites -- Mechanical and Dielectric Properties of Fly Ash Geopolymer/Sugarcane Bagasse Ash Composites -- Suberin Fatty Acid Hydrolysates from Outer Birch Bark for Hydrophobic Coating on Aspen Wood Surface -- Development and Characterization of Plantain (<i>Musa paradisiaca</i>) Flour-Based Biopolymer Films -- Investigating the Effects of Tobacco Lignin on Polypropylene -- Esterification of Cellulose with Long Fatty Acid Chain through Mechanochemical Method -- Physicomechanical Properties of Rice Husk/Coco Peat Reinforced Acrylonitrile Butadiene Styrene Blend Composites -- Morphology, Structural, Thermal, and Tensile Properties of Bamboo Microcrystalline Cellulose/Poly(Lactic Acid)/Poly(Butylene Succinate) Composites -- Characterization of Microcrystalline Cellulose Isolated from <i>Conocarpus</i> Fiber -- Chitosan: A Sustainable Material for Multifarious Applications -- Alginate-Induced Disease Resistance in Plants.
Sommario/riassunto	This reprint focuses on studies dealing with bio-based materials and its

contribution to a circular economy. Research dealing with recycling, waste conversion to bio-based products, the development of bio-based composites, and surface treatments on cellulose fibres have been included in this reprint.
