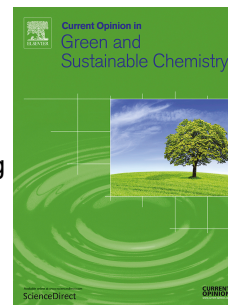


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Recent Trends in Green and Sustainable Chemistry & Waste Valorisation: Rethinking Plastics in a Circular Economy

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1 **Recent Trends in Green and Sustainable Chemistry & Waste Valorisation: Rethinking**
2 **Plastics in a Circular Economy**

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16 **Keywords:** Biorefinery; Circular Economy; Food waste; Fructose; Green and Sustainable
17 Chemistry; Waste Valorisation

18 **Abbreviations:** DFF 2,5-diformylfuran, DMF- dimethylfuran, FDCA- 2,5-furandicarboxylic
19 acid, HMF- hydroxymethylfurfural, ISPR-*in-situ* product removal, PEF- polyethylene
20 furanoate, PET- polyethylene terephthalate, PLA- polylactic acid, PHA-
21 polyhydroxyalkanoate, SoC- subjects of concern,

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