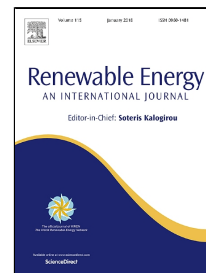


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Loop Bioenergy Production and Carbon Sequestration of Polymeric Waste by Integrating Biochemical and Thermochemical Conversion Processes: A Conceptual Framework and Recent Advances



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Highlights

- The framework is for full use of polymeric waste and its treatment residues.
- Bio- and thermo-chemical processes are combined by solid, liquid and gas products.
- Application of biochar in anaerobic digestion is critically summarized.
- Application of gas/liquid pyrolysis byproducts in anaerobic digestion is discussed.

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