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## A Review on Production and Characterization of Biochars for Application in Direct Carbon Fuel Cells

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### Research Highlights:

- Woody and non-woody biomass for direct carbon fuel cells (DCFC).
- Structural properties of biochar fuels affect DCFC performance.
- H/C and the O/C atomic ratios are important indicators for biochar quality.
- Characteristics of biochar as potential DCFC fuels are highlighted.

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