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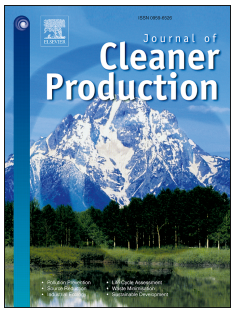

Using low-cost porous materials to increase biogas production: A case study in Extremadura (Spain)

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Essays of Anaerobic Digestion

Control

Almond shell

Walnut shell

Kenaf fibre

Charcoal

Higher methane **yield** with **charcoal**

- Increase in methane production→ 27.82%
- Chemical Oxygen Demand is reduced to 50%