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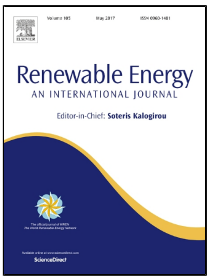

Extrusion and enzymatic hydrolysis as pretreatments on corn cob for biogas production

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PII:	S0960-1481(17)30116-7
DOI:	10.1016/j.renene.2017.02.030
Reference:	RENE 8537
To appear in:	*Renewable Energy*
Received Date:	19 September 2016
Revised Date:	01 February 2017
Accepted Date:	13 February 2017

Please cite this article as: N. Pérez-Rodríguez, D. García-Bernet, J.M. Domínguez, Extrusion and enzymatic hydrolysis as pretreatments on corn cob for biogas production, *Renewable Energy* (2017), doi: 10.1016/j.renene.2017.02.030

Highlights

Extrusion and enzymatic hydrolysis treatments enhanced methane produced from corn cob.

Sequential alkali extrusion and enzymatic hydrolysis achieved the major improvement.

Fungal extract was as suitable as Ultraflo® L for the corn cob enzymatic treatment.