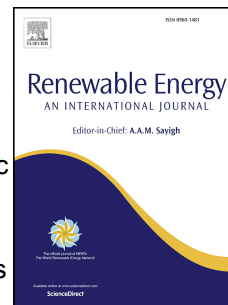


Accepted Manuscript

Influence of pretreatment severity on structural changes, lignin content and enzymatic hydrolysis of sugarcane bagasse samples

Michel Brienzo, Simphiwe Fikizolo, Yuda Benjamin, Luvuyo Tyhoda, Johann Görgens



PII: S0960-1481(16)31093-X

DOI: [10.1016/j.renene.2016.12.037](https://doi.org/10.1016/j.renene.2016.12.037)

Reference: RENE 8374

To appear in: *Renewable Energy*

Received Date: 18 January 2016

Revised Date: 18 November 2016

Accepted Date: 16 December 2016

Please cite this article as: Brienzo M, Fikizolo S, Benjamin Y, Tyhoda L, Görgens J, Influence of pretreatment severity on structural changes, lignin content and enzymatic hydrolysis of sugarcane bagasse samples, *Renewable Energy* (2017), doi: 10.1016/j.renene.2016.12.037.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 Influence of pretreatment severity on structural changes, lignin content and enzymatic
2 hydrolysis of sugarcane bagasse samples
3

4
5 Michel Brienzo^{1,2*}; Simphiwe Fikizolo¹; Yuda Benjamin¹; Luvuyo Tyhoda³; Johann
6 Görgens¹
7
8
9

10 ¹Department of Process Engineering, University of Stellenbosch – Private Bag X1,
11 Stellenbosch 7602, Stellenbosch, South Africa.

12 ²Bioenergy Research Institute (IPBEN), University of São Paulo State (UNESP), Rua 10, n^o
13 2527, Rio Claro-SP, CEP 13500-230, Brazil.

14 ³Department of Forest and Wood Science, University of Stellenbosch – Private Bag X1,
15 Stellenbosch 7602, Stellenbosch, South Africa.

16
17 *Corresponding author: Michel Brienzo, Bioenergy Research Institute (IPBEN), University
18 of São Paulo State (UNESP). Tel: 55 19 3531-8407, e-mail: mbrienzo@ipben.unesp.br
19
20
21
22
23

Download English Version:

<https://daneshyari.com/en/article/4926789>

Download Persian Version:

<https://daneshyari.com/article/4926789>

[Daneshyari.com](https://daneshyari.com)