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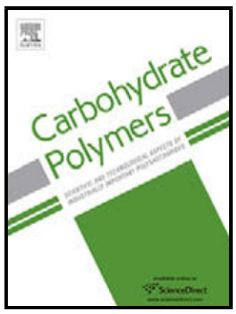

Title: Estimation Of Cellulose Crystallinity Of Sugarcane Biomass Using Near Infrared Spectroscopy And Multivariate Analysis Methods

Author: Ítalo P. Caliari Márcio H.P. Barbosa Sukarno O. Ferreira Reinaldo F. Teófilo

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Highlights

The determination of sugarcane biomass crystallinity from near infrared is proposed.

The crystallinity of sugarcane biomass samples varied in a wide range of values.

Ordered predictors selection algorithm improved the predictive ability of model.

Ordered predictors selection was faster and more efficient than genetic algorithm.

There was no correlation among any chemical property evaluated and crystallinity.

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