Accepted Manuscript

Sustainable green pretreatment approach to biomass-to-energy conversion using natural hydro-low-transition-temperature mixtures

Chung Loong Yiin, Armando T. Quitain, Suzana Yusup, Yoshimitsu Uemura, Mitsuru Sasaki, Tetsuya Kida

PII: S0960-8524(18)30552-2

DOI: https://doi.org/10.1016/j.biortech.2018.04.039

Reference: BITE 19819

To appear in: Bioresource Technology

Received Date: 17 March 2018 Revised Date: 7 April 2018 Accepted Date: 9 April 2018



Please cite this article as: Yiin, C.L., Quitain, A.T., Yusup, S., Uemura, Y., Sasaki, M., Kida, T., Sustainable green pretreatment approach to biomass-to-energy conversion using natural hydro-low-transition-temperature mixtures, *Bioresource Technology* (2018), doi: https://doi.org/10.1016/j.biortech.2018.04.039

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.

ACCEPTED MANUSCRIPT

Sustainable green pretreatment approach to biomass-to-energy conversion using natural hydro-low-transition-temperature mixtures

Chung Loong Yiin^{1a}, Armando T. Quitain^{2b,c*}, Suzana Yusup^{3a}, Yoshimitsu Uemura^{4a}, Mitsuru Sasaki^{5d}, Tetsuya Kida^{6b}

^aBiomass Processing Cluster, Centre for Biofuel and Biochemical Research,
Chemical Engineering Department, Institute for Sustainable Living, Universiti
Teknologi PETRONAS, 32610, Seri Iskandar, Perak, Malaysia.

^bDepartment of Applied Chemistry and Biochemistry, Faculty of Advanced Science and Technology, Kumamoto University, 2-39-1 Kurokami, Chuo-ku, Kumamoto 860-8555, Japan.

^cCollege of Cross-Cultural and Multidisciplinary Studies, Kumamoto University, 2-40-1 Kurokami, Chuo-ku, Kumamoto 860-8555, Japan.

^dInstitute of Pulsed Power Science, Kumamoto University, 2-39-1 Kurokami, Chuo-ku, Kumamoto 860-8555, Japan

¹E-mail address: ychungloong2009@gmail.com

Download English Version:

https://daneshyari.com/en/article/7067110

Download Persian Version:

https://daneshyari.com/article/7067110

<u>Daneshyari.com</u>