

Accepted Manuscript

Preparation of hydrothermal carbon as catalyst support for conversion of biomass to 5-hydroxymethylfurfural

Piyaporn Wataniyakul, Panatpong Boonnoun, Armando T. Quitain, Mitsuru Sasaki, Tetsuya Kida, Navadol Laosiripojana, Artiwan Shotipruk



PII: S1566-7367(17)30433-8
DOI: doi:[10.1016/j.catcom.2017.10.014](https://doi.org/10.1016/j.catcom.2017.10.014)
Reference: CATCOM 5225
To appear in: *Catalysis Communications*
Received date: 14 July 2017
Revised date: 5 October 2017
Accepted date: 15 October 2017

Please cite this article as: Piyaporn Wataniyakul, Panatpong Boonnoun, Armando T. Quitain, Mitsuru Sasaki, Tetsuya Kida, Navadol Laosiripojana, Artiwan Shotipruk , Preparation of hydrothermal carbon as catalyst support for conversion of biomass to 5-hydroxymethylfurfural. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Catcom(2017), doi:[10.1016/j.catcom.2017.10.014](https://doi.org/10.1016/j.catcom.2017.10.014)

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.

Preparation of Hydrothermal Carbon as Catalyst Support for Conversion of Biomass to 5-Hydroxymethylfurfural

Piyaporn Wataniyakul^a, Panatpong Boonnoun^b, Armando T. Quitain^c, Mitsuru Sasaki^c,
Tetsuya Kida^c, Navadol Laosiripojana^d, Artiwan Shotipruk^{a*}

^aChemical Engineering Research Unit for Value Adding of Bioresources, Department of
Chemical Engineering, Faculty of Engineering, Chulalongkorn University, Phayathai
Road, Bangkok 10330, Thailand

^bDepartment of Industrial Engineering, Faculty of Engineering, Naresuan University,
Phitsanulok 65000, Thailand

^cDepartment of Applied Chemistry and Biochemistry, Faculty of Engineering,
Kumamoto University, Kumamoto 860-8555, Japan

^dThe Joint Graduate School of Energy and Environment, King Mongkut's University of
Technology Thonburi, Prachauthit Road, Bangmod, Bangkok 10140, Thailand

* Corresponding author. Tel.: +66-2-218-6868; Fax: +66-2-218-6877

Email: Artiwan.Sh@chula.ac.th (A. Shotipruk)

Download English Version:

<https://daneshyari.com/en/article/6503183>

Download Persian Version:

<https://daneshyari.com/article/6503183>

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