Accepted Manuscript

Improving xylose utilization and ethanol production from dry dilute acid pretreated corn stover by two-step and fed-batch fermentation

Wen-Chao Li, Xia Li, Jia-Qing Zhu, Lei Qin, Bing-Zhi Li, Ying-Jin Yuan

PII: \$0360-5442(18)31055-7

DOI: 10.1016/j.energy.2018.06.002

Reference: EGY 13044

To appear in: Energy

Received Date: 13 July 2017
Revised Date: 18 April 2018
Accepted Date: 1 June 2018

Please cite this article as: Li W-C, Li X, Zhu J-Q, Qin L, Li B-Z, Yuan Y-J, Improving xylose utilization and ethanol production from dry dilute acid pretreated corn stover by two-step and fed-batch fermentation, *Energy* (2018), doi: 10.1016/j.energy.2018.06.002.

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

- 1 Improving xylose utilization and ethanol production from
- 2 dry dilute acid pretreated corn stover by two-step and
- **3 fed-batch fermentation**
- 4 Wen-Chao Li^{1,2}, Xia Li^{1,2}, Jia-Qing Zhu^{1,2}, Lei Qin^{1,2}, Bing-Zhi Li^{1,2}*, Ying-Jin
- 5 Yuan^{1,2}

10

- 6 ¹Key Laboratory of Systems Bioengineering (Ministry of Education), School of
- 7 Chemical Engineering and Technology, Tianjin University, Tianjin, 300072, PR China
- 8 ²SynBio Research Platform, Collaborative Innovation Center of Chemical Science
- 9 and Engineering (Tianjin), Tianjin University, Tianjin, 300072, PR China
- 11 Wen-Chao Li: liwenchao@tju.edu.cn
- 12 Xia Li: lixia01@tju.edu.cn
- 13 Jia-Qing Zhu: zjq0519qing@163.com
- 14 Lei Qin: qinlei@tju.edu.cn
- 15 Bing-Zhi Li: bzli@tju.edu.cn (corresponding author)
- 16 Ying-Jin Yuan: yjyuan@tju.edu.cn

Download English Version:

https://daneshyari.com/en/article/8071296

Download Persian Version:

https://daneshyari.com/article/8071296

<u>Daneshyari.com</u>