## Accepted Manuscript

Enhancement of the energy yield from microalgae via enzymatic pretreatment and anaerobic co-digestion

Yi Zhang, Xihui Kang, Zhongming Wang, Xiaoying Kong, Lianhua Li, Yongming Sun, Shunni Zhu, Siran Feng, Xinjian Luo, Pengmei Lv

PII: S0360-5442(18)31660-8

DOI: 10.1016/j.energy.2018.08.124

Reference: EGY 13600

To appear in: *Energy* 

Received Date: 23 December 2017

Revised Date: 28 June 2018

Accepted Date: 17 August 2018

Please cite this article as: Zhang Y, Kang X, Wang Z, Kong X, Li L, Sun Y, Zhu S, Feng S, Luo X, Lv P, Enhancement of the energy yield from microalgae via enzymatic pretreatment and anaerobic codigestion, *Energy* (2018), doi: 10.1016/j.energy.2018.08.124.

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	Enhancement of the energy yield from microalgae via enzymatic pretreatment and anaerobic
2	<b>co-digestion</b>
3	
4	Yi Zhang <sup>a,b,c,d</sup> , Xihui Kang <sup>a,b,c,d</sup> , Zhongming Wang <sup>a,c,d*</sup> , Xiaoying Kong <sup>a,c,d</sup> , Lianhua Li <sup>a,c,d*</sup> , Yongming
5	Sun <sup>a,c,d</sup> , Shunni Zhu <sup>a,c,d</sup> , Siran Feng <sup>a,b,c,d</sup> , Xinjian Luo <sup>a,b,c,d</sup> , Pengmei Lv <sup>a,c,d</sup>
6	<sup>a</sup> Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences, Guangzhou 510640,
7	China.
8	<sup>b</sup> CAS Key Laboratory of Renewable Energy, Guangzhou 510640, China.
9	<sup>c</sup> Guangdong Provincial Key Laboratory of New and Renewable Energy Research and Development,
10	Guangzhou 510640, China.
11	<sup>d</sup> University of Chinese Academy of Sciences, Beijing 100049, China.
12	
13	*Corresponding authors.
14	Guangzhou Institute of Energy Conversion
15	Chinese Academy of Sciences,
16	NO.2 Nengyuan Road, Tianhe district, Guangzhou, China
17	Tel: +86-20-87067783; Fax: +86-20-87057737
18	E-mail address: wangzm@ms.giec.ac.cn (ZM Wang); lilh@ms.giec.ac.cn (LH Li)
19	

Download English Version:

## https://daneshyari.com/en/article/10147761

Download Persian Version:

https://daneshyari.com/article/10147761

Daneshyari.com