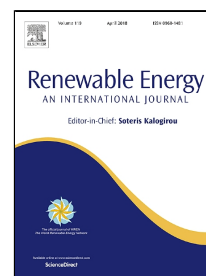


# Accepted Manuscript

Optimization of enzymatic hydrolysis for effective lipid extraction from microalgae *Scenedesmus* sp.



Yi Zhang, Xiaoying Kong, Zhongming Wang, Yongming Sun, Shunni Zhu, Lianhua Li, Pengmei Lv

PII: S0960-1481(18)30088-0  
DOI: 10.1016/j.renene.2018.01.078  
Reference: RENE 9683  
To appear in: *Renewable Energy*  
Received Date: 16 July 2017  
Revised Date: 11 October 2017  
Accepted Date: 20 January 2018

Please cite this article as: Yi Zhang, Xiaoying Kong, Zhongming Wang, Yongming Sun, Shunni Zhu, Lianhua Li, Pengmei Lv, Optimization of enzymatic hydrolysis for effective lipid extraction from microalgae *Scenedesmus* sp., *Renewable Energy* (2018), doi: 10.1016/j.renene.2018.01.078

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 **Optimization of enzymatic hydrolysis for effective lipid extraction from**  
2 **microalgae *Scenedesmus* sp.**

3 Yi Zhang<sup>a,d</sup>, Xiaoying Kong<sup>a,b,c,d</sup>, Zhongming Wang<sup>a,b,c,d\*</sup>, Yongming Sun<sup>a,b,c</sup>, Shunni  
4 Zhu<sup>a,b,c\*</sup>, Lianhua Li<sup>a,b,c</sup>, Pengmei Lv<sup>a,b,c</sup>

5  
6 <sup>a</sup>Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences, Guangzhou  
7 510640, 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  
10 Development, 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, Chinese Academy of Sciences,

15 Addresses: NO.2 Nengyuan Road, Tianhe distribute, Guangzhou, China

16 Tel: +86-20-87067783; Fax: +86-20-87057737

17 E-mail address: [wangzm@ms.giec.ac.cn](mailto:wangzm@ms.giec.ac.cn) (ZM Wang); [zhusun@ms.giec.ac.cn](mailto:zhusun@ms.giec.ac.cn) (SN Zhu)

18

Download English Version:

<https://daneshyari.com/en/article/6764497>

Download Persian Version:

<https://daneshyari.com/article/6764497>

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