Accepted Manuscript

Simultaneously upgrading biogas and purifying biogas slurry using cocultivation of *Chlorella vulgaris* and three different fungi under various mixed light wavelength and photoperiods

Weixing Cao, Xue Wang, Shiqing Sun, Changwei Hu, Yongjun Zhao

PII: S0960-8524(17)30869-6

DOI: http://dx.doi.org/10.1016/j.biortech.2017.05.194

Reference: BITE 18220

To appear in: Bioresource Technology

Received Date: 24 April 2017 Revised Date: 28 May 2017 Accepted Date: 30 May 2017



Please cite this article as: Cao, W., Wang, X., Sun, S., Hu, C., Zhao, Y., Simultaneously upgrading biogas and purifying biogas slurry using cocultivation of *Chlorella vulgaris* and three different fungi under various mixed light wavelength and photoperiods, *Bioresource Technology* (2017), doi: http://dx.doi.org/10.1016/j.biortech. 2017.05.194

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

- Simultaneously upgrading biogas and purifying biogas slurry using
- 2 cocultivation of *Chlorella vulgaris* and three different fungi under
- **various mixed light wavelength and photoperiods**
- Weixing Cao^a*, Xue Wang ^b*, Shiqing Sun ^a, Changwei Hu ^a, Yongjun Zhao^a**
- ^a College of Biological Chemical Science and Engineering, Jiaxing University, Jiaxing
- 6 314001, P.R. China
- ^b Shanghai Public Green Space Construction Affairs Center, Shanghai 201100, China
- 8 * These authors contributed equally to this work and should be considered co-first
- 9 authors.
- 10 **Corresponding author
- 11 Prof. Yongjun Zhao
- 12 College of Biological Chemical Science and Engineering, Jiaxing University, Jiaxing
- 13 314001, P.R. China
- 14 Email: zyjun2007@126.com
- 15 Tel.: +86-573-83647467
- 16 Fax: +86-573-83647467

17

Download English Version:

https://daneshyari.com/en/article/4997087

Download Persian Version:

https://daneshyari.com/article/4997087

<u>Daneshyari.com</u>