

## Accepted Manuscript

Microbial characteristics analysis and kinetic studies on substrate composition to methane after microbial and nutritional regulation of fruit and vegetable wastes anaerobic digestion

Chunhui Zhao, Hui Mu, Yuxiao Zhao, Ligu Wang, Bin Zuo

PII: S0960-8524(17)31860-6  
DOI: <https://doi.org/10.1016/j.biortech.2017.10.041>  
Reference: BITE 19082

To appear in: *Bioresource Technology*

Received Date: 23 August 2017  
Revised Date: 6 October 2017  
Accepted Date: 7 October 2017

Please cite this article as: Zhao, C., Mu, H., Zhao, Y., Wang, L., Zuo, B., Microbial characteristics analysis and kinetic studies on substrate composition to methane after microbial and nutritional regulation of fruit and vegetable wastes anaerobic digestion, *Bioresource Technology* (2017), doi: <https://doi.org/10.1016/j.biortech.2017.10.041>

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.



Microbial characteristics analysis and kinetic studies on substrate composition to methane after microbial and nutritional regulation of fruit and vegetable wastes anaerobic digestion

Chunhui Zhao<sup>a</sup>, Hui Mu<sup>b\*</sup>, Yuxiao Zhao<sup>b</sup>, Ligu Wang<sup>a</sup>, and Bin Zuo<sup>c</sup>

<sup>a</sup> *Key Laboratory of Water Resources and Environmental Engineering in Universities of Shandong (University of Jinan), School of Resources and Environment, University of Jinan, Jinan 250022, China;*

<sup>b</sup> *Energy Research Institute of Shandong Academy of Sciences, Key Laboratory for Biomass Gasification Technology of Shandong Province, Jinan 250014, China*

<sup>c</sup> *Shandong Bori Biomass Energy Ltd.co*

\*Corresponding author

E-mail: isabellamuhui@163.com

Tel/Fax: +86-531-82769233

Download English Version:

<https://daneshyari.com/en/article/7068724>

Download Persian Version:

<https://daneshyari.com/article/7068724>

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