

Accepted Manuscript

Novel Stepwise pH Control Strategy to Improve Short Chain Fatty Acid Production from Sludge Anaerobic Fermentation

Jianwei Zhao, Dongbo Wang, Yiwen Liu, Huu Hao Ngo, Wenshan Guo, Qi Yang, Xiaoming Li

PII: S0960-8524(17)31879-5
DOI: <https://doi.org/10.1016/j.biortech.2017.10.050>
Reference: BITE 19091

To appear in: *Bioresource Technology*

Received Date: 27 August 2017
Revised Date: 9 October 2017
Accepted Date: 11 October 2017

Please cite this article as: Zhao, J., Wang, D., Liu, Y., Ngo, H.H., Guo, W., Yang, Q., Li, X., Novel Stepwise pH Control Strategy to Improve Short Chain Fatty Acid Production from Sludge Anaerobic Fermentation, *Bioresource Technology* (2017), doi: <https://doi.org/10.1016/j.biortech.2017.10.050>

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.



**Novel Stepwise pH Control Strategy to Improve Short Chain Fatty Acid Production from Sludge
Anaerobic Fermentation**

Jianwei Zhao ^{a,b,c}, Dongbo Wang ^{b,c}, Yiwen Liu ^a, Huu Hao Ngo^{a,*}, Wenshan Guo^a, Qi Yang^{b,c}, Xiaoming Li ^{b,c}

^a Joint Research Centre for Protective Infrastructure Technology and Environmental Green Bioprocess, School of Civil and Environmental Engineering, University of Technology Sydney, Ultimo, NSW 2007, Australia and Department of Environmental and Municipal Engineering, Tianjin Chengjian University, Tianjin 300384, China.

^b College of Environmental Science and Engineering, Hunan University, Changsha 410082, P.R. China

^c Key Laboratory of Environmental Biology and Pollution Control (Hunan University), Ministry of Education, Changsha 410082, P.R. China

* Corresponding author: E-mail: ngohuuhao121@gmail.com

Download English Version:

<https://daneshyari.com/en/article/7068739>

Download Persian Version:

<https://daneshyari.com/article/7068739>

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