

## Accepted Manuscript

Title: Enhanced electricity generation and organic matter degradation during three-chamber bioelectrochemically assisted anaerobic composting of dewatered sludge

Authors: Hang Yu, Junqiu Jiang, Qingliang Zhao, Felix Tetteh Kabutey, Yunshu Zhang, Kun Wang, Duu-Jong Lee



PII: S1369-703X(18)30076-7  
DOI: <https://doi.org/10.1016/j.bej.2018.02.017>  
Reference: BEJ 6902

To appear in: *Biochemical Engineering Journal*

Received date: 1-7-2017  
Revised date: 18-12-2017  
Accepted date: 20-2-2018

Please cite this article as: Hang Yu, Junqiu Jiang, Qingliang Zhao, Felix Tetteh Kabutey, Yunshu Zhang, Kun Wang, Duu-Jong Lee, Enhanced electricity generation and organic matter degradation during three-chamber bioelectrochemically assisted anaerobic composting of dewatered sludge, *Biochemical Engineering Journal* <https://doi.org/10.1016/j.bej.2018.02.017>

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.

**Enhanced electricity generation and organic matter degradation  
during three-chamber bioelectrochemically assisted anaerobic  
composting of dewatered sludge**

Hang Yu<sup>a</sup>, Junqiu Jiang<sup>a</sup>, Qingliang Zhao<sup>a\*</sup>, Felix Tetteh Kabutey<sup>a</sup>, Yunshu Zhang<sup>a</sup>,  
Kun Wang<sup>a</sup>, Duu-Jong Lee<sup>b,c</sup>

*a State Key Laboratory of Urban Water Resources and Environments (SKLURE), School of Environment,  
Harbin Institute of Technology, Harbin 150090, China*

*b Department of Chemical Engineering, National Taiwan University of Science and Technology, Taipei, 10607,  
Taiwan*

*c Department of Chemical Engineering, National Taiwan University, Taipei 10617, Taiwan*

\*Corresponding author. Tel.: +86 451 8628 3017; Fax: +86 451 8628 3017. E-mail address:  
[qlzhao@hit.edu.cn](mailto:qlzhao@hit.edu.cn)

***Graphical abstract***

Download English Version:

<https://daneshyari.com/en/article/6482241>

Download Persian Version:

<https://daneshyari.com/article/6482241>

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