

## Accepted Manuscript

Methanol metabolism and archaeal community changes in a bioelectrochemical anaerobic digestion sequencing batch reactor with copper-coated graphite cathode

Jungyu Park, Beom Lee, Peng Shi, Hyejeong Kwon, Sangmun Jeong, Hangbae Jun

PII: S0960-8524(18)30347-X

DOI: <https://doi.org/10.1016/j.biortech.2018.03.009>

Reference: BITE 19648

To appear in: *Bioresource Technology*

Received Date: 29 December 2017

Revised Date: 28 February 2018

Accepted Date: 1 March 2018

Please cite this article as: Park, J., Lee, B., Shi, P., Kwon, H., Jeong, S., Jun, H., Methanol metabolism and archaeal community changes in a bioelectrochemical anaerobic digestion sequencing batch reactor with copper-coated graphite cathode, *Bioresource Technology* (2018), doi: <https://doi.org/10.1016/j.biortech.2018.03.009>

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.



**Methanol metabolism and archaeal community changes in a bioelectrochemical anaerobic digestion sequencing batch reactor with copper-coated graphite cathode**

Jungyu Park<sup>a</sup>, Beom Lee<sup>a</sup>, Peng Shi<sup>a</sup>, Hyejeong Kwon<sup>a</sup>, Sangmun Jeong<sup>b</sup>, Hangbae Jun<sup>a\*</sup>

*<sup>a</sup>Department of Environmental Engineering, Chungbuk National University, Cheongju 361-763, Republic of Korea*

*<sup>b</sup>Department of Chemical Engineering, Chungbuk National University, 361-763, Republic of Korea*

*Email addresses:* Jungyu Park (ppp19@cbnu.ac.kr); Beom Lee (lee49871@naver.com); Peng Shi (shipeng0828@hotmail.com); Hyejeong Kwon (rnjs95126@cbnu.ac.kr); Hangbae Jun (jhbcbe@cbnu.ac.kr); Sangmun Jeong (smjeong@cbnu.ac.kr)

---

**\*Corresponding author:** Hangbae Jun, Department of Environmental Engineering, Chungbuk National University, Cheongju 361-763, South Korea. Tel.: +82-43-261-2470; Fax: +82-43-264-2465; Email: [jhbcbe@cbnu.ac.kr](mailto:jhbcbe@cbnu.ac.kr)

Download English Version:

<https://daneshyari.com/en/article/7067334>

Download Persian Version:

<https://daneshyari.com/article/7067334>

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