

## Accepted Manuscript

Variation of the characteristics of biofilm on the semi-suspended bio-carrier produced by a 3D printing technique: Investigation of a whole growing cycle

Bing Tang, Yiliang Zhao, Liying Bin, Shaosong Huang, Fenglian Fu

PII: S0960-8524(17)31248-8  
DOI: <http://dx.doi.org/10.1016/j.biortech.2017.07.132>  
Reference: BITE 18552

To appear in: *Bioresource Technology*

Received Date: 22 June 2017  
Revised Date: 20 July 2017  
Accepted Date: 23 July 2017

Please cite this article as: Tang, B., Zhao, Y., Bin, L., Huang, S., Fu, F., Variation of the characteristics of biofilm on the semi-suspended bio-carrier produced by a 3D printing technique: Investigation of a whole growing cycle, *Bioresource Technology* (2017), doi: <http://dx.doi.org/10.1016/j.biortech.2017.07.132>

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.



## Essential Title Page Information

Variation of the characteristics of biofilm on the semi-suspended bio-carrier produced by a 3D printing technique: Investigation of a whole growing cycle

Bing Tang <sup>a,\*</sup>, Yiliang Zhao <sup>a</sup>, Liying Bin <sup>a</sup>, Shaosong Huang <sup>a</sup>, Fenglian Fu <sup>a</sup>

<sup>a</sup>School of Environmental Science and Engineering and Institute of Environmental Health and Pollution Control, Guangdong University of Technology, 510006, Guangzhou, P.R. China

**\*Corresponding author: Bing Tang**

Tel.: +86 20 39322295; Fax: +86 20 39322548

E-mail address: [renytang@163.com](mailto:renytang@163.com); [tang@gdut.edu.cn](mailto:tang@gdut.edu.cn)

Affiliation: Guangdong University of Technology, 510006, Guangzhou, P.R. China

Permanent address: No. 100, Waihuan Xi Road, Guangzhou Higher Education Mega Center, Guangzhou, 510006, P. R. China

Download English Version:

<https://daneshyari.com/en/article/4996517>

Download Persian Version:

<https://daneshyari.com/article/4996517>

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