

# Accepted Manuscript

Optimization of fermentative hydrogen production from palm oil mill effluent in an up-flow anaerobic sludge blanket fixed film bioreactor

Parviz Mohammadi, Shaliza Ibrahim, Mohamad Suffian Mohamad Annuar, Maryam Khashij, Seyyed Alireza Mousavi, Aliakbar Zinatizadeh



PII: S2468-2039(16)30049-8

DOI: [10.1016/j.serj.2016.04.015](https://doi.org/10.1016/j.serj.2016.04.015)

Reference: SERJ 37

To appear in: *Sustainable Environment Research*

Received Date: 11 January 2016

Revised Date: 12 April 2016

Accepted Date: 27 April 2016

Please cite this article as: Mohammadi P, Ibrahim S, Annuar MSM, Khashij M, Mousavi SA, Zinatizadeh A, Optimization of fermentative hydrogen production from palm oil mill effluent in an up-flow anaerobic sludge blanket fixed film bioreactor, *Sustainable Environment Research* (2016), doi: 10.1016/j.serj.2016.04.015.

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.

Received 11 January 2016  
Received in revised form 12 April 2016  
Accepted 27 April 2016

**Optimization of fermentative hydrogen production from palm oil mill effluent in an  
up-flow anaerobic sludge blanket fixed film bioreactor**

**Parviz Mohammadi<sup>1,2,\*</sup>, Shaliza Ibrahim<sup>2</sup>, Mohamad Suffian Mohamad Annuar<sup>3</sup>,  
Maryam Khashij<sup>1</sup>, Seyyed Alireza Mousavi<sup>1</sup>, Aliakbar Zinatizadeh<sup>4</sup>**

<sup>1</sup>Department of Environmental Health Engineering

Kermanshah University of Medical Science

Kermanshah 6719851351, Iran

<sup>2</sup>Department of Civil Engineering

University of Malaya

Kuala Lumpur 6719851351, Malaysia

<sup>3</sup>Institute of Biological Sciences

University of Malaya

Kuala Lumpur 6719851351, Malaysia

<sup>4</sup>Department of Applied Chemistry

Razi University

Kermanshah 6719851351, Iran

**Key Words:** Fermentative hydrogen production, palm oil mill effluent, up-flow anaerobic  
sludge blanket fixed film

---

\* Corresponding author:  
E-mail: parviz8855@yahoo.com

Download English Version:

<https://daneshyari.com/en/article/8862956>

Download Persian Version:

<https://daneshyari.com/article/8862956>

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