## Accepted Manuscript

Novel performance prediction model of a biofilm system treating domestic wastewater based on stacked denoising auto-encoders deep learning network

Shuai Shi, Guoren Xu

Accepted Date:

PII:	S1385-8947(18)30663-6
DOI:	https://doi.org/10.1016/j.cej.2018.04.087
Reference:	CEJ 18887
To appear in:	Chemical Engineering Journal
Received Date:	5 February 2018
Revised Date:	12 April 2018

13 April 2018



Please cite this article as: S. Shi, G. Xu, Novel performance prediction model of a biofilm system treating domestic wastewater based on stacked denoising auto-encoders deep learning network, *Chemical Engineering Journal* (2018), doi: https://doi.org/10.1016/j.cej.2018.04.087

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 performance prediction model of a biofilm system treating domestic wastewater based on stacked denoising auto-encoders deep learning network

## Shuai Shi<sup>a,b</sup>, Guoren Xu<sup>a,b,\*</sup>

<sup>a</sup> National Engineering Laboratory for Sustainable Sludge Management & Resourcelization Technology, Harbin Institute of Technology, Harbin 150090, China

<sup>b</sup> State Key Laboratory of Urban Water Resource and Environment, Harbin Institute of

Technology, Harbin 150090, China

 \* Corresponding author. Address: National Engineering Laboratory for Sustainable Sludge Management & Resourcelization Technology, Harbin Institute of Technology, 73 Huanghe Road, Harbin, China. Tel/Fax: +86 451 86282559

E-mail addresses: xgr@hit.edu.cn

Download English Version:

## https://daneshyari.com/en/article/6579063

Download Persian Version:

https://daneshyari.com/article/6579063

Daneshyari.com