## **Accepted Manuscript**

Title: Nanocarbons as platform for developing novel catalytic composites: A short overview and prospects

Authors: Yen Nan Liang, Wen-Da Oh, Yongmei Li, Xiao Hu

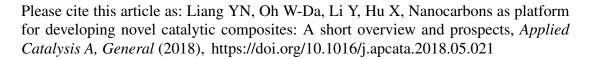
PII: S0926-860X(18)30243-6

DOI: https://doi.org/10.1016/j.apcata.2018.05.021

Reference: APCATA 16670

To appear in: Applied Catalysis A: General

Received date: 8-12-2017 Revised date: 25-1-2018 Accepted date: 21-5-2018



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.



## ACCEPTED MANUSCRIPT

# Nanocarbons as platform for developing novel catalytic composites: A short overview and prospects

Yen Nan Liang<sup>a, 1</sup>, Wen-Da Oh<sup>b, 1</sup>, Yongmei Li<sup>c</sup>, Xiao Hu\*\*a, c

<sup>a</sup>Environmental Chemistry and Materials Centre (ECMC), Nanyang Environment and Water Research Institute (NEWRI), Nanyang Technological University, 1 Cleantech Loop, CleanTech One, Singapore 637141, Singapore

<sup>b</sup>Residues and Resource Reclamation Centre (R3C), Nanyang Environment and Water Research Institute, Nanyang Technological University, 1 Cleantech Loop, CleanTech One, Singapore 637141, Singapore

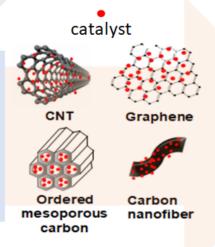
<sup>c</sup>School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798, Singapore

<sup>1</sup>Authors 1 and 2 contributed equally to this work.

\*Corresponding authors: E-mail addresses: asxhu@ntu.edu.sg (X. Hu)

#### **Graphical abstract**

- Photocatalysis
- · Hydrogen evolution
- Fischer-Tropsch
- Hydrogenation
- Redox-based AOP
- Electrocatalyst
- Water splitting



Catalysis

#### Download English Version:

# https://daneshyari.com/en/article/6496519

Download Persian Version:

https://daneshyari.com/article/6496519

<u>Daneshyari.com</u>