Accepted Manuscript

Review

Graphene- and CNTs-based carbocatalysts in persulfates activation: material design and catalytic mechanisms

Xiao Chen, Wen-Da Oh, Teik-Thye Lim

PII: S1385-8947(18)31516-X

DOI: https://doi.org/10.1016/j.cej.2018.08.049

Reference: CEJ 19663

To appear in: Chemical Engineering Journal

Received Date: 29 May 2018 Revised Date: 6 August 2018 Accepted Date: 8 August 2018



Please cite this article as: X. Chen, W-D. Oh, T-T. Lim, Graphene- and CNTs-based carbocatalysts in persulfates activation: material design and catalytic mechanisms, *Chemical Engineering Journal* (2018), doi: https://doi.org/10.1016/j.cej.2018.08.049

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

Graphene- and CNTs-based carbocatalysts in persulfates activation: material design and catalytic mechanisms

Xiao Chen ^{1,2}, Wen-Da Oh ^{3,4}, Teik-Thye Lim ^{1,2} *

¹ Environmental Chemistry and Materials Centre, Nanyang Environment and Water Research Institute (NEWRI), Nanyang Technological University (NTU), 1 Cleantech Loop, CleanTech One, #06-08, Singapore 637141, Singapore

² School of Civil and Environmental and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798, Singapore

³ School of Chemical Sciences, Universiti Sains Malaysia, 11800 Penang, Malaysia

⁴ Residues and Resource Reclamation Centre, Nanyang Environment and Water Research Institute (NEWRI), Nanyang Technological University, 1 Cleantech Loop, CleanTech One, Singapore 637141, Singapore

* Corresponding author:

Tel.: +65-6790-6933

E-mail address: CTTLIM@ntu.edu.sg

Download English Version:

https://daneshyari.com/en/article/11000198

Download Persian Version:

https://daneshyari.com/article/11000198

<u>Daneshyari.com</u>