

Accepted Manuscript

KOH activated N-doped novel carbon aerogel as efficient metal-free oxygen reduction catalyst for microbial fuel cells

Xiaoyu Tian, Minghua Zhou, Chaolin Tan, Ming Li, Liang Liang, Kerui Li, Pei Su

PII: S1385-8947(18)30793-9
DOI: <https://doi.org/10.1016/j.cej.2018.05.007>
Reference: CEJ 19023

To appear in: *Chemical Engineering Journal*

Received Date: 26 February 2018
Revised Date: 28 April 2018
Accepted Date: 1 May 2018

Please cite this article as: X. Tian, M. Zhou, C. Tan, M. Li, L. Liang, K. Li, P. Su, KOH activated N-doped novel carbon aerogel as efficient metal-free oxygen reduction catalyst for microbial fuel cells, *Chemical Engineering Journal* (2018), doi: <https://doi.org/10.1016/j.cej.2018.05.007>

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.



**KOH activated N-doped novel carbon aerogel as efficient metal-free
oxygen reduction catalyst for microbial fuel cells**

Xiaoyu Tian^{a,b,c}, Minghua Zhou^{a,b,c*}, Chaolin Tan^{a,b,c}, Ming Li^{a,b,c}, Liang Liang^{a,b,c}, Kerui Li^{a,b,c}, Pei Su^{a,b,c}

^a*Key Laboratory of Pollution Process and Environmental Criteria, Ministry of Education, College of
Environmental Science and Engineering, Nankai University, Tianjin 300350, China.*

^b*Tianjin Key Laboratory of Urban Ecology Environmental Remediation and Pollution Control, College of
Environmental Science and Engineering, Nankai University, Tianjin 300350, China*

^c*Tianjin Advanced Water Treatment Technology International Joint Research Center, College of
Environmental Science and Engineering, Nankai University, Tianjin 300350, China*

*Corresponding author. Tel./Fax: +86 022 23501117. E-mail address: zhoumh@nankai.edu.cn (M. Zhou).

Download English Version:

<https://daneshyari.com/en/article/6578956>

Download Persian Version:

<https://daneshyari.com/article/6578956>

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