

## Accepted Manuscript

Title: Direct electrolysis of waste newspaper for sustainable hydrogen production: an oxygen-functionalized porous carbon anode

Authors: Takashi Hibino, Kazuyo Kobayashi, Masaya Ito, Masahiro Nagao, Mai Fukui, Shinya Teranishi



PII: S0926-3373(18)30211-X  
DOI: <https://doi.org/10.1016/j.apcatb.2018.03.021>  
Reference: APCATB 16479

To appear in: *Applied Catalysis B: Environmental*

Received date: 30-11-2017  
Revised date: 8-2-2018  
Accepted date: 7-3-2018

Please cite this article as: Hibino T, Kobayashi K, Ito M, Nagao M, Fukui M, Teranishi S, Direct electrolysis of waste newspaper for sustainable hydrogen production: an oxygen-functionalized porous carbon anode, *Applied Catalysis B, Environmental* (2018), <https://doi.org/10.1016/j.apcatb.2018.03.021>

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.

**Direct electrolysis of waste newspaper for sustainable hydrogen production:  
an oxygen-functionalized porous carbon anode**

Takashi Hibino <sup>a\*</sup>, Kazuyo Kobayashi <sup>a</sup>, Masaya Ito <sup>a</sup>, Masahiro Nagao <sup>a</sup>, Mai Fukui <sup>b</sup>, Shinya Teranishi <sup>b</sup>

<sup>a</sup> Graduate School of Environmental Studies, Nagoya University, Nagoya 464-8601, Japan

<sup>b</sup> Soken Inc., Nishio, Aichi 445-0012, Japan

\* E-mail: hibino@urban.env.nagoya-u.ac.jp

Download English Version:

<https://daneshyari.com/en/article/6498436>

Download Persian Version:

<https://daneshyari.com/article/6498436>

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