

Accepted Manuscript

Title: Electrodeposited IrO₂/Ti electrodes as durable and cost-effective anodes in high-temperature polymer-membrane-electrolyte water electrolyzers

Authors: Seunghoe Choe, Byung-Seok Lee, Min Kyung Cho, Hyoung-Juhn Kim, Dirk Henkensmeier, Sung Jong Yoo, Jin Young Kim, So Young Lee, Hyun S. Park, Jong Hyun Jang



PII: S0926-3373(17)31186-4
DOI: <https://doi.org/10.1016/j.apcatb.2017.12.037>
Reference: APCATB 16272

To appear in: *Applied Catalysis B: Environmental*

Received date: 27-7-2017
Revised date: 31-7-2017
Accepted date: 13-12-2017

Please cite this article as: Seunghoe Choe, Byung-Seok Lee, Min Kyung Cho, Hyoung-Juhn Kim, Dirk Henkensmeier, Sung Jong Yoo, Jin Young Kim, So Young Lee, Hyun S. Park, Jong Hyun Jang, Electrodeposited IrO₂/Ti electrodes as durable and cost-effective anodes in high-temperature polymer-membrane-electrolyte water electrolyzers, *Applied Catalysis B, Environmental* <https://doi.org/10.1016/j.apcatb.2017.12.037>

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.

Electrodeposited IrO₂/Ti electrodes as durable and cost-effective anodes in high-temperature polymer-membrane-electrolyte water electrolyzers

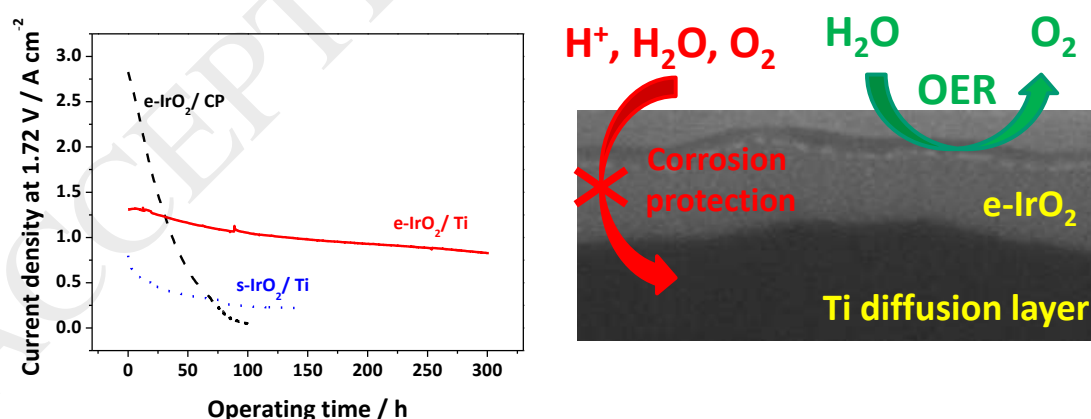
Seunghoe Choe¹, Byung-Seok Lee¹, Min Kyung Cho¹, Hyoung-Juhn Kim^{1,2}, Dirk Henkensmeier^{1,2,3}, Sung Jong Yoo^{1,2}, Jin Young Kim^{1,2,3}, So Young Lee¹, Hyun S. Park¹, and Jong Hyun Jang^{1,2,3*}

¹Fuel Cell Research Center, Korea Institute of Science and Technology (KIST), Seoul 02792, Republic of Korea

²Division of Energy & Environment Technology, KIST School, Korea University of Science and Technology, Seoul 02792, Republic of Korea.

³Green School, Korea University, Anam-ro 145, Seongbuk-gu, Seoul 02841, Republic of Korea

Graphical abstract



Highlights

Download English Version:

<https://daneshyari.com/en/article/6498625>

Download Persian Version:

<https://daneshyari.com/article/6498625>

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