Title: Electrodeposited IrO_2/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

Electrodeposited IrO_2/Ti electrodes as durable and cost-effective anodes in high-temperature polymer-membrane-electrolyte water electrolyzers

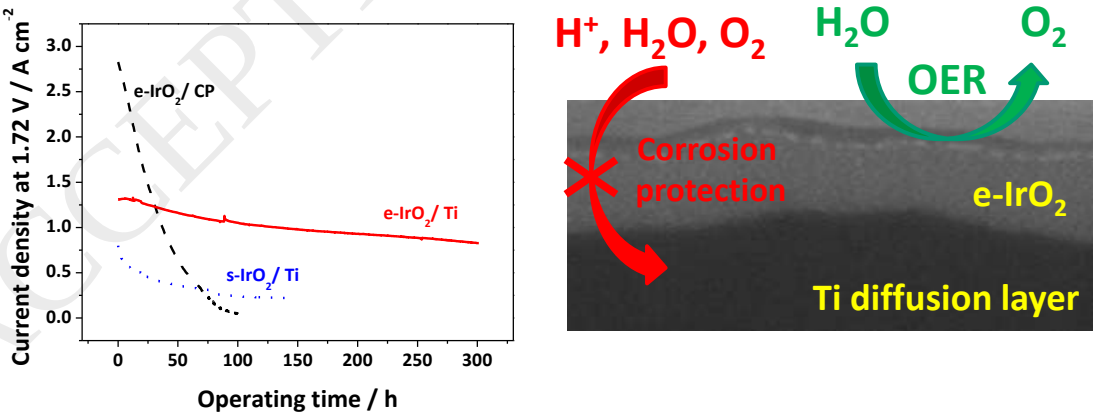
Seunghoe Choe[1], Byung-Seok Lee[1], Min Kyung Cho[1], Hyoung-Juhn Kim[1,2], Dirk Henkensmeier[1,2,3], Sung Jong Yoo[1,2], Jin Young Kim[1,2,3], So Young Lee[1], Hyun S. Park[1], and Jong Hyun Jang[1,2,3*]

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

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

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

Graphical abstract



Highlights