

Accepted Manuscript

A Polarization Model for a Solid Oxide Fuel Cell with a Mixed Ionic and Electronic Conductor as Electrolyte

Shuanglin Shen, Yupeng Yang, Liejin Guo, Hongtan Liu



PII: S0378-7753(14)00056-1

DOI: [10.1016/j.jpowsour.2014.01.041](https://doi.org/10.1016/j.jpowsour.2014.01.041)

Reference: POWER 18569

To appear in: *Journal of Power Sources*

Received Date: 17 October 2013

Revised Date: 6 January 2014

Accepted Date: 8 January 2014

Please cite this article as: S. Shen, Y. Yang, L. Guo, H. Liu, A Polarization Model for a Solid Oxide Fuel Cell with a Mixed Ionic and Electronic Conductor as Electrolyte, *Journal of Power Sources* (2014), doi: 10.1016/j.jpowsour.2014.01.041.

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.

A Polarization Model for a Solid Oxide Fuel Cell with a Mixed Ionic and Electronic Conductor as Electrolyte

Shuanglin Shen¹, Yupeng Yang¹, Liejin Guo^{1*}, Hongtan Liu^{2*}

¹International Research Center for Renewable Energy, State Key Laboratory of Multiphase Flow in Power Engineering, Xi'an Jiaotong University, Xi'an, Shaanxi 710049, China

²Clean Energy Research Institute, Department of Mechanical and Aerospace Engineering, University of Miami, Coral Gables, FL 33124, USA

*Corresponding authors:

Hongtan Liu

Tel.: +1 3052842019; fax: +1 3052842580. E-mail address: hliu@miami.edu

Liejin Guo

Tel.: +86 29 8266 3895; fax: +86 29 8266 9033. E-mail address: lj-guo@mail.xjtu.edu.cn

Download English Version:

<https://daneshyari.com/en/article/7736900>

Download Persian Version:

<https://daneshyari.com/article/7736900>

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