## Accepted Manuscript

Title: Prevention of Reaction between (Ba,Sr)(Co,Fe)O<sub>3</sub> Cathodes and Yttria-stabilized Zirconica Electrolytes for Intermediate-temperature Solid Oxide Fuel Cells

Author: Hirofumi Sumi Takayuki Ohshiro Masanobu Nakayama Toshio Suzuki Yoshinobu Fujishiro

PII: S0013-4686(15)30673-3

DOI: http://dx.doi.org/doi:10.1016/j.electacta.2015.10.092

Reference: EA 25895

To appear in: Electrochimica Acta

Received date: 14-6-2015 Revised date: 3-10-2015 Accepted date: 18-10-2015

Please cite this article as: Hirofumi Sumi, Takayuki Ohshiro, Masanobu Nakayama, Toshio Suzuki, Yoshinobu Fujishiro, Prevention of Reaction between (Ba,Sr)(Co,Fe)O3 Cathodes and Yttria-stabilized Zirconica Electrolytes for Intermediate-temperature Solid Oxide Fuel Cells, Electrochimica Acta http://dx.doi.org/10.1016/j.electacta.2015.10.092

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.



### ACCEPTED MANUSCRIPT

# Prevention of Reaction between (Ba,Sr)(Co,Fe)O<sub>3</sub> Cathodes and Yttria-stabilized Zirconica Electrolytes for Intermediate-temperature Solid Oxide Fuel Cells

Hirofumi Sumi<sup>1,\*</sup>, Takayuki Ohshiro<sup>2</sup>, Masanobu Nakayama<sup>2</sup>, Toshio Suzuki<sup>1</sup> and Yoshinobu Fujishiro<sup>1</sup>

<sup>a</sup> Inorganic Functional Materials Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Nagoya, Aichi 463-8560, Japan

<sup>b</sup> Department of Materials Science and Engineering, Nagoya Institute of Technology,

Nagoya, Aichi 455-8555, Japan

\* Corresponding Author

E-Mail: h-sumi@aist.go.jp

Tel.: +81-(0)52-736-7592, Fax.: +81-(0)52-736-7405

#### Download English Version:

# https://daneshyari.com/en/article/6609732

Download Persian Version:

https://daneshyari.com/article/6609732

<u>Daneshyari.com</u>