Current Constriction at Electrode/Electrolyte Interfaces in Solid Oxide Cell Electrochemical Devices Calculated Via 3D Reconstructions

Electrochemical devices such as batteries, fuel cells, electrolyzers, electrochemical reactors and electrochemical sensors are important technologies for the present and the future society. For further improvement or maturing of the various technologies it is important to understand, characterize and minimize the different losses within the devices.

General information
State: Published
Organisations: Department of Energy Conversion and Storage, Applied Electrochemistry, Imaging and Structural Analysis
Contributors: Nielsen, J., Jørgensen, P. S., Graves, C. R.
Publication date: 2016
Peer-reviewed: Yes

Publication information
Journal: Electrochemical Society. Meeting Abstracts (Online)
Volume: MA2016-02
Article number: 2984
ISSN (Print): 2151-2043
Original language: English
URLs:
http://ma.ecsdl.org/content/MA2016-02/39/2984.abstract?sid=0a5700eb-7b46-43cc-a242-904f543e2a24
Research output: Research - peer-review • Conference abstract in journal – Annual report year: 2016