Xyyzz

Low Pt Anodes for Polymer Electrolyte Fuel Cells

**Author Info**

with **only one institution**

no (1) etc. required

Jack Left (1), Mike Middle (1,2), Peter Wright (2)

(1) Fuel Cells Forever, Inc.

123 Efficiency Street, CH-1543 Clean Town/Wonderland

(2) Faculty of Sciences and Technology

45 Sample Street, CH-8016 New Town/Wonderland

Tel.: +41-56-987-1234

Fax: +41-56-987-1235

[jsample@fastmail.com](mailto:jsample@fastmail.com)

Abstract

This a sample text: The reduction of the Pt catalyst loading in Polymer Electrolyte Fuel Cells (PEFC) is a premise for a commercial introduction of fuel cell electric cars. In the state of the art, the Pt loading for the anode varies between 30 and 100 µgr/sqcm. In this work, low platinum loadings in the range of 2 to 25 µgr/sqcm were sputtered onto carbon cloth substrates that were used as PEFC anodes. Membrane electrode assemblies were prepared by hot pressing with Nafion 212 and commercial cathodes. We succeeded in reducing the Pt loading of PEFC down to 25 µgr/sqcm without significant ………

**Instructions:**

1. **Abstract Page** must not be longer than **1 page**.

* Paste and correct your already submitted and accepted one page Abstract.
* Highlight in green, if you adapt author information, so that we recognize it.
* Do not remove the inserted “Page Brake” after the first page.

1. **Full-length Paper** (5-10 pages) follows on the next pages (2-ff),   
   if possible with the indicated titles (e.g. Introduction, 1. Scientific Approach, etc.).
2. **Upload until 31 May 2021 at the latest** +14 days for very late authors   
   on [www.EFCF.com/UPLOAD](http://www.EFCF.com/UPLOAD) (Author Center) your finalized Paper **”EFCF-2021... .docx”**.
3. **Replace 3 times** Xyyzz by your **personal EFCF-ID** **as soon as you get it** e.g. A1304, B0502 …:
4. In the filename: “EFCF-2021\_ltFC-EC-H2\_Paper\_Template\_Xyyzz\_DOI\_Short-title\_Family-name\_Given-name\_Current-Version.docx”
   1. e.g. “EFCF-2021\_Paper\_**A1204**\_PtAnodePEFC\_Jack-Left\_01.docx”
5. Above the title on the first page
6. In the footer bellow
7. **Overwrite the Sample Text** with your content,but **keep the formats** as given.  
   Use: “copy” 🡪 “paste special/unformatted text”.
8. **Numbering:** Do not write "**(1)**" in the header, if there is only **one** institution.
9. Add your specific **keywords at the end** of the document after:   
   *Keywords:EFCF2021, H2, LowTemp. Fuel Cells & Electrolysers,…*
10. See Samples & Extended Instructions (separate files, [www.EFCF.com/DOWNLOAD](http://www.EFCF.com/DOWNLOAD)).
11. **Delete** Yellow Highlighted Text andthe gray **comment box** with the **red text** here.

Introduction

Xxxxx xxxxxxxxxxxx xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxx, xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxx xxxxxxxxxx. Xxxxx xxxxxxxxxxxx xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxx, xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxx xxxxxxxxxx. Xxx….

1. Scientific Approach

Xxxxxxxxxxxxxxx xxxxxxxxxxx xxx xxxxxxxxxx xxxxxxxxxxxxxxxxx x xxxxxxxxxx x xxxx xxx xxxxxxxxxxxxxxx xxx. Xxxxx xxxxxxxxxxxx xxxxxxxxxxxx …..

2. Experiments/Calculations/Simulations

Xxxxxxxxxxxxxxx xxxxxxxxxxx xxx xxxxxxxxxx xxxxxxxxxxxxxxxxx x xxxxxxxxxx x xxxx xxx xxxxxxxxxxxxxxx xxx xxxxxxxxxxxxxx. Xxxxx xxxxxxxxxxxx xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxx, xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxx xxxxxxxxxx.

Pictures, figures and tables:

Centre all inserts

Use 200 dpi scans

Avoid light colors

xxxx xxxxxxxx xxxxxxxxxx xxx x xxxxx xxxxxxxxxx xxx xxxxxxxx xxxxxx xx xxxxxx xxxxxxxx….

3. Results

Xxxxxxxxxxxxxxx xxxxxxxxxxx xxx xxxxxxxxxx xxxxxxxxxxxxxxxxx x. Xxxxx xxxxxxxxxxxx xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxx, xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxx …

References

[1] Jack Sample, Time Response of Polymer Electrolyte Fuel Cell Anodes. Proceedings of the Annual Meeting of the Electrochemical Society, Kyoto, Japan, July 1999

[2] xxxxxxxxxxxxxxxxxxxxxxxx

[3] xxxxxxxxxxxxxxxxxxxxxxxx

*Keywords: EFCF2021, H2, LowTemp. Fuel Cells & Electrolysers, (add your own 3-5 keywords)*

* **Please use manual numbering and NOT the automatic numbering.**
* **Please do also NOT use automatic Footnote or Endnote.**

All this gives unexpected conflicts/errors, when documents are merged for the proceedings.