

Permeation and in situ XRD studies on PdCuAu membranes under H₂

Haiyuan Jia, Andreas Goldbach, Chenyang Zhao, German R. Castro, Chenglin Sun, Hengyong Xu



PII: S0376-7388(16)32049-X
DOI: <http://dx.doi.org/10.1016/j.memsci.2017.01.062>
Reference: MEMSCI15057

To appear in: *Journal of Membrane Science*

Received date: 27 October 2016
Revised date: 18 January 2017
Accepted date: 31 January 2017

Cite this article as: Haiyuan Jia, Andreas Goldbach, Chenyang Zhao, German R. Castro, Chenglin Sun and Hengyong Xu, Permeation and in situ XRD studies on PdCuAu membranes under H₂, *Journal of Membrane Science*, <http://dx.doi.org/10.1016/j.memsci.2017.01.062>

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 galley proof before it is published in its final citable 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.

Permeation and *in situ* XRD studies on PdCuAu membranes under H₂

Haiyuan Jia,^{1,2} Andreas Goldbach,^{1*} Chenyang Zhao,¹ German R. Castro,^{3,4} Chenglin Sun,^{1,*} Hengyong Xu¹

¹Dalian National Laboratory for Clean Energy, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian 116023, China.

²University of Chinese Academy of Sciences, Beijing, 100049, China

³SpLine, Spanish CRG BM25 Beamline at the ESRF The European Synchrotron, 71, Avenue des Martyrs , F-38000 Grenoble, France.

⁴Instituto de Ciencia de Materiales de Madrid-ICMM/CSIC, Cantoblanco Madrid E-28049, Spain

goldbach@dicp.ac.cn

clsun@dicp.ac.cn

*Corresponding Author. Phone: + 86 411 8437 9229

Download English Version:

<https://daneshyari.com/en/article/4989283>

Download Persian Version:

<https://daneshyari.com/article/4989283>

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