

Accepted Manuscript

Title: Hydrogenolysis of glycerol with *in-situ* produced H₂ by aqueous-phase reforming of glycerol using Pt-modified Ir-ReO_x/SiO₂ catalyst

Authors: Shiyang Liu, Masazumi Tamura, Zheng Shen, Yalei Zhang, Yoshinao Nakagawa, Keiichi Tomishige



PII: S0920-5861(17)30518-7
DOI: <http://dx.doi.org/doi:10.1016/j.cattod.2017.07.025>
Reference: CATTOD 10939

To appear in: *Catalysis Today*

Received date: 4-7-2017
Revised date: 24-7-2017
Accepted date: 29-7-2017

Please cite this article as: Shiyang Liu, Masazumi Tamura, Zheng Shen, Yalei Zhang, Yoshinao Nakagawa, Keiichi Tomishige, Hydrogenolysis of glycerol with *in-situ* produced H₂ by aqueous-phase reforming of glycerol using Pt-modified Ir-ReO_x/SiO₂ catalyst, *Catalysis Today* <http://dx.doi.org/10.1016/j.cattod.2017.07.025>

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.

Hydrogenolysis of glycerol with *in-situ* produced H₂ by aqueous-phase reforming of glycerol using Pt-modified Ir-ReO_x/SiO₂ catalyst

Shiyang Liu^{a,b}, Masazumi Tamura^{a,*}, Zheng Shen^b, Yalei Zhang^b, Yoshinao Nakagawa^a, Keiichi Tomishige^{a,*}

^aDepartment of Applied Chemistry, School of Engineering, Tohoku University, 6-6-07, Aoba, Aramaki, Aoba-ku, Sendai, 980-8579, Japan

^bDepartment of Agricultural Biological Environmental and Energy Engineering, Tongji University, Shanghai 201804, China

Corresponding authors: mtamura@erec.che.tohoku.ac.jp, tomi@erec.che.tohoku.ac.jp

Download English Version:

<https://daneshyari.com/en/article/6504669>

Download Persian Version:

<https://daneshyari.com/article/6504669>

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