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Authors: Sae-Rom Yang, Sang-Kyung Kim, Doo-Hwan Jung, Taejin Kim, Han-Sung Kim, Dong-Hyun Peck

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## ACCEPTED MANUSCRIPT

Effects of ethanol in methanol fuel on the performance of membrane electrode assemblies for direct methanol fuel cells

Sae-Rom Yang<sup>1,2</sup>, Sang-Kyung Kim<sup>1,3</sup>, Doo-Hwan Jung<sup>1,3</sup>, Taejin Kim<sup>4</sup>, Han-Sung Kim<sup>2</sup>, Dong-Hyun Peck<sup>1,3,\*</sup>

<sup>1</sup>Fuel Cell Research Center, Korea Institute of Energy Research (KIER), Yuseong, Daejeon 34129, Republic of Korea
<sup>2</sup>Department of Chemical and Biomolecular Engineering, Yonsei University, Seoul 03722, Republic of Korea
<sup>3</sup>Major of Advanced Energy and System Technology, University of Science and Technology (UST), Yuseong, Daejeon 34113, Republic of Korea
<sup>4</sup>Gyeongbuk Institute for Regional Program Evaluation, Gyeongbuk TP, 27 Sampung-ro, Gyeongsan-City, Gyeongbuk 38542, Republic of Korea

\*To whom correspondences should be addressed: Tel.: +82-42-860-3501 Fax: +82-42-860-3739 E-mail address: dhpeck@kier.re.kr (D.H. Peck) Download English Version:

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