

Poster Set-Up: February 25(WED) 9:00AM~5:00PM

Poster Session: February 25(WED) 6:30PM~9:00PM

Simposium 3: Materials Challenges in Fuel Cells

Poster No.	Control ID	Presenter	Title
S3-1	2088731	Yang, Sungeun	Electronic Structure Modification of Platinum on Titanium Nitride for Enhanced Activity and Durability for Oxygen Reduction Reaction
S3-2	2088791	Kim, Sun Kyung	Synthesis of 3D Graphene-Pt-Au composites for electrochemical catalyst
S3-3	2088939	Tan, Jaiwan	Reformer-on-cell type direct methane fueled solid oxide fuel cells using partial oxidation at intermediate temperature
S3-4	2089602	Lee, Myong Jin	Electrochemical properties of Ni-(Ce _{0.8-x} Zr _x Sm _{0.2})O _{1.9} cermet in methane fuel
S3-5	2089636	Park, Jin Hoo	Preparation of highly dispersed tungsten carbide on carbon and its application to the catalyst support of Pt for oxygen reduction reaction in alkaline solution
S3-6	2089712	Kang, Hyun	Preparation of non-precious metal catalyst for oxygen reduction reaction by pyrolyzing Fe-coordinated 1,8-diaminonaphthalene
S3-7	2089772	Sohn, Yeonsun	Durability improvement of Pt supported on a TiO ₂ -modified carbon for oxygen reduction reaction
S3-8	2108862	Moon, Min Seok	A Study on Corrosion Behavior of STS316 and STS430 by TiN Coating Treatment with on the Similar Fuel-Cell Environment
S3-9	2113989	Lim, Tak-Hyoung	100W CARBON FUEL CELL STACK: FABRICATION, OPERATION AND PERFORMANCE CHARACTERISTICS
S3-10	2114075	Lee, Sangwoo	Oxidation Of Ash Free Coal in a Direct Carbon Fuel Cell
S3-11	2114097	Park, Junghwa	The properties of sulfonated poly(arylene ether ketone) with pendant crown ether/cerium coordination complex for PEMFC application
S3-12	2114115	Seong, Yeonbaek	Improvement of durability of Rh/Al ₂ O ₃ catalysts for auto-thermal reforming with addition of ceria and zirconia
S3-13	2114232	Kang, Min Goo	Study on the operating characteristics of MCFC for marine application
S3-14	2114252	Kim, Hyun-Jong	Characterization of Cobalt and Nitrogen species of pyrolyzed Cobalt/Polyaniline/CNT electrocatalyst for oxygen reduction reaction in acidic media
S3-15	2084716	Cherng, Jyh-Shiarn	Effects of Layer Thicknesses on the Performance of Micro-tubular Solid Oxide Fuel Cells Made by Sequential Aqueous Electrophoretic Deposition