

May 12th (General Poster Session, GP2)

No. P.	Author	Affiliation	Title
2	Atsushi Itadani	Okayama University	Comparative Studies in the Reduction Properties of Cu Ions in CuZSM-5 Zeolites Prepared by using the Exchange Solutions with Different Types of Counter Ions
6	Chan-Soon Kang	Sunchon National University	Selective Catalytic Reduction of NO _x with Propene over Double Wash-coated Monolith Catalysts
8	Atsushi Satsuma	Nagoya University	Oxidation State of Supported-Metal (Ag, Pt, Ir) Species as an Important Factor for the Selective Catalytic Reduction of NO in Hydrogen Containing Atmosphere
10	Ki-Joong Kim	Sunchon National University	Adsorption-Desorption Characteristics of VOCs over Impregnated Activated Carbon
12	Suk Yong Jung	Kyungpook National University	The H ₂ S Removal and Regeneration Properties of Zn-Al Based Sorbents Promoted with Various Promoters
14	No-Kuk Park	Yeungnam University	Synthesis of Nano-Wire Type ZnO Sorbents for Hot Gas Desulfurization
18	Min Kang	Ajou University	Cu-Mn Mixed Oxide for Low Temperature NO Reduction with NH ₃
20	Mun-Il Kim	Pusan National University	Selective Oxidation of Hydrogen Sulfide Containing Excess Water and Ammonia over Vanadia-Titania Aerogel Catalysts
24	Sang-Min Lee	Yonsei University	Ozone Decomposition on MnO ₂ -loaded TiO ₂ Catalysts
26	Eun Duck Park	Ajou University	CO Oxidation over Au/ -Al ₂ O ₃
28	Sang-Kyung Kim	KAIST	Wet Air Oxidation of Phenol over the CuO/Al ₂ O ₃ Catalysts
30	Kazuhisa Murata	AIST	Effects of Transition Metals Supported on ZrO ₂ on the Synthesis of Phenol by Hydroxylation of Benzene with Oxygen and Acetic Acid on Palladium Catalyst
32	Jinseong Choi	POSTECH	Iron-Based Nano Catalysts for Oxidation of <i>o</i> -Dichlorobenzene
34	Se-Won Baek	KAIST	Adsorption and Catalytic Deep Oxidation of Toluene over Hydrophobic Zeolite Supported Silver Catalysts
36	Sujandi	Inha University	Catalytic Oxidation of Olefins over Co(Cyclam) Functionalized SBA-materials with H ₂ O ₂
40	Young-Moo Park	Korea University	Study on the Heterogeneous Catalyst System for the Production of Biodiesel from used Vegetable Oils
42	Hiroimi Matsuhashi	Hokkaido University of Education	Determination of Relative Acid Strength and Acid Amount of Solid Acids by Ar Adsorption
46	Dong Baek Kim	Seoul National University	Support Modification of Pt/C Catalyst for PEMFC by Surface Oxidation
48	Hideo Daimon	Hitachi Maxell	Reduction of PtRu Catalyst Size by Addition of Non-metallic Elements
50	Yasutake Teraoka	Kyushu University	Preparation of Nano-sized Perovskite Catalysts Supported on Alumina by Incipient Wetness Method
52	J.D.Desai	KIST	Aerosol Assisted Process for NiO _x Thin Films using Aqueous Ni Acetate Solutions
54	Mitsutaka Okumura	Osaka University	DFT Studies of Interaction of Ir ₁₃ Cluster with O ₂ , CO, and NO
56	A. Shiga	LUMMOX Research Labo.	A Theoretical Study on Brønsted Acidity of WO ₃ Clusters Supported on Metal Oxide Supports by "Paired Interacting Orbitals"(PIO) Analysis
58	Jong Woo Ryu	KIST	Development of Water Gas Shift Catalyst for Fuel Processor and Hydrogen Station
62	Akane Suzuki	High Energy Accelerator Research Organization(KEK)	Time-Resolved XAFS Study on the Reduction Process of Rh ₄ and Rh ₆ Clusters
64	Dong-Ha Lim	Seoul National University	Preparation of Platinum Nanoparticles using Surfactant for Anode Catalyst in the Low-Temperature Fuel Cell
66	Atsushi Ueda	AIST	Promotion Effect of TaO _x and NbO _x on Pt/C Catalyst for Electrochemical Oxidation of Hydrogen in the Co-Presence of Carbon Monoxide
68	Sang-Won Ahn	Yonsei University	Discovery of New Types of Proton Conductors for Electro-Oxidation of Methanol
70	Seung-Wan Kim	Yonsei University	Development of Micro Fuel Cell Based on PCB (Printed-Circuit Board)
74	Ikue Tuzisho	Oita University	Photochemical and Enzymatic Synthesis of Formic Acid from CO ₂ with Chlorophyll and Dehydrogenase System
78	Soonhyun Kim	POSTECH	Surface Complex-Mediated Photocatalytic Degradation of 4-Chlorophenol and Phenolic Compounds on Pure TiO ₂ under Visible Light
80	J.-H. Kim	Chonnam National University	Water Treatment by TiO ₂ Photocatalysts Supported on Stainless Steel Fiber
86	Takeshi Kubota	Shimane University	Characterization of the Effect of Support on Tungsten Sulfide Catalysts using XAFS Technique
88	Seon-Ki Song	KAIST	Effect of Lanthanum Addition on the Thiophene Hydrodesulfurization Activity over Al-MCM-41 Supported Molybdenum Catalysts
94	Megumu Inaba	AIST	Bio-ethanol Conversion to Hydrocarbons over Several Zeolite Catalysts
96	Kenichi Komura	Gifu University	Hydroamination of Alkenes with Amines over Zeolite Catalyst
98	Jong-Ki Jeon	University of Seoul	Catalytic Degradation of LDPE-LLDPE-EVA Copolymer Mixture with used HZSM-5 Catalyst
100	Tsuyoshi Kugita	Teikyo University of Science and Technology	Methylenedianiline Synthesis over Zeolite Catalyst
102	Taihuan Jin	KRICT	Synthesis, Characterization and Catalytic Properties of Titanium Incorporated ZSM-5
104	Deok-Kyu Kim	KRICT, Inha University	PTSn Encapsulated Mesoporous Silica for Selective Dehydrogenation of n-Dodecane
106	Hiroimi Yamashita	Osaka University	Visible Light Sensitive (Cr,Ti)-Containing Mesoporous Silica Photocatalyst Prepared using a Photo-Assisted Deposition Method
108	J.S.Choi	Inha University	Phenol Hydroxylation using Fe-MCM-41 Catalysts
110	Pavuluri Srinivasu	Yokohama National University	Synthesis of Highly Ordered Mesoporous P6 ₃ /mmc and p6mm Phases by Adding Alcohols to the System for the SBA-1 Synthesis
114	Ji Bong Joo	Seoul National University	Preparation of Mesoporous Carbon Templated by Silica Particle for Use as a Catalyst Support of Polymer Electrolyte Membrane Fuel Cell
116	Dong Ju Moon	KIST	Catalytic Dimerization of TFE over Activated Carbon Supported Metal Catalyst
118	Hong-Baek Cho	Hanyang University	Effect of Alkali Promoters on the Mechanism of Biphenol Hydrogenation over Pd/C Catalyst
120	Toshiyuki Itoh	Tottori University	Enhanced Enantioselectivity and Stabilization of an Enzyme using Novel Ionic Liquids
122	Jong Rack Sohn	Kyungpook National University	Ethylene Dimerization over NiSO ₄ Supported on Fe ₂ O ₃ -Promoted ZrO ₂ Catalyst
124	Kazuhiko Takeuchi	AIST	Environmentally Benign Synthesis of Polycarbonate by Oxidative Carbonylation of Bisphenol A by use of Palladium Catalysts

126	Jae Sung Kim	Pusan National University	Highly Stereospecific Polymerization of 1,3-Butadiene with Cobalt(II) Pyridyl Bis(imine) Complexes in the Presence of Ethylaluminum Sesquichloride: Effect of Methyl position in the Ligand
128	Myung-Jong Jin	Inha University	Pd-Catalyzed Asymmetric Allylic Substitution with Immobilized Chiral Phosphine Ligands
130	Tao Li	AIST	Carbonylation of Formaldehyde Catalyzed by <i>p</i> -Toluenesulfonic Acid
132	Kwang Min Choi	Inha University	Catalytic Dehydration of Alcohols over Novel N-SIPA materials
134	Masahiro Saito	AIST	Development of over Cu/ZnO-Based Multicomponent Catalysts for the Water-Gas Shift Reaction
136	Usman	Shimane University	Thermal Stability of Co-Mo-S Structure in a Co-MoS ₂ /Al ₂ O ₃ Catalyst for the HDS of Thiophene
138	Kaoru Takeishi	Shizuoka University	Hydrogen Production with Steam Reforming of Dimethyl Ether
140	Koichi Itoh	Western Hiroshima Prefecture Industrial Research Insti	Deposited Carbon over Ni Catalysts Prepared from Layered Double Hydroxides for Steam Reforming of Methane
142	S. Sato	Hokkaido University	A Possibility for Surface Reaction Control by Tunable Pulse Infrared Free Electron Laser
148	Haznan Abimanyu	KIST	Kinetic Studies on Transesterification of Ethylene Carbonate with Methanol to Produce Dimethyl Carbonate in the Presence of K/MgO Heterogeneous Catalysts
150	K. Ikeue	Kumamoto University	Synthesis, Electronic Structure and Photocatalytic Properties of Lanthanoid Oxsulfide
152	Heon Do Jeong	Seoul National University	Hydrogen Production for Fuel Cell by Steam Reforming of Methanol in a Micro-Reactor Coated with Cu/ZnO/ZrO ₂ /Al ₂ O ₃ -Based Catalyst
154	Tomohisa Miyazawa	University of Tsukuba	Catalyst Developments for Partial Oxidation of Tar Derived from Biomass
156	Gi Bo Han	Yeungnam University	A Study on Reaction Characteristics of the SO ₂ Reduction using Coal Gas over SnO ₂ -ZrO ₂ Catalyst
158	Toshihide Baba	Tokyo Institute of Technology	Conversion of Methane over In-loaded ZSM-5 Zeolite in the Presence of Ethene