Korean Chemical Engineering Research

December 2006 Volume 44, Number 6 Korean Chem. Eng. Res., 44(6) 555-684(2006) ISSN 0304-128X

Review	
Optimum Condition of HPLC by HCI Program	
Chun Hua Jin, Ju Weon Lee and Kyung Ho Row	555
Industrial Chemistry · Catalysis/Reaction Engineering	
A Study on the Growth Morphology of VGCF Nano-Materials by Acetylene Pyrolysis over Stainless Steel Catalyst	
- Effect of Reduction Pretreatment and Hydrogen Supply	
Seok Joo Park and Dong Geun Lee	563
Process System Engineering · Transport Phenomena · Process Safety	
Diffusion of Phenol in Apples	572
Modeling of Eco-Industrial Park (EIP) through Material Flow Analysis (MFA)	312
Seungjun Lee, ChangKyoo Yoo, Sang Kyo Choi, Hee Dong Chun and In-Beum Lee	579
Separation · Thermodynamics	
Selectivity and Permeability Characteristics of Pure CO ₂ and N ₂ Gases through Plasma Treated Polystyrene Membrane Yui-Dong Hwang, Hee-Yong Shin, Hyun Kwak and Seong-Youl Bae	E 0.0
Yul-Dong Hwang, Hee- Yong Shill, Hyuli Kwak and Seong- Youl Bae	588
$Powder\ Technology\cdot Fluidized\ Bed\cdot Polymers\cdot Materials\ (Inorganics,Organics)$	
Degradation of Nafion Membrane by Oxygen Radical	
Taehee Kim, Junghun Lee, Gyoujin Cho and Kwonpil Park	597
Physical Properties and Electrical Conductivity of PAN-based Carbon Fiber Reinforced Paper	400
The Photoluminescence Characteristic of Ba _{2-x} Sr _x SiO ₄ :Eu ²⁺ Phosphor Particles Prepared by Spray Pyrolysis	602
Hee Sang Kang, Seung Bin Park, Hye Young Koo and Yun Chan Kang	609
The stang realignment, Type Toung Root and Tun Chair Realig	
Energy/Environment	
A Study on the Characteristics of Solid Capacitor According to the Pyrolysis Methods	
Jaekun Kim, Hyungjin Yu and Woonghee Hong	614
Prediction of T_{cv} for Coal Slags under Reducing Condition	
Yoonkyung Park and Myungsook Oh	623
Characteristics of Coal Methanation in a Hydrogasifier S. H. Lee, S. J. Yoon, Y. C. Choi, J. H. Kim and J. G. Lee	631
Supercritical water oxidation of Dimethyl methylphosphonate(DMMP)	00 1
Hae-Wan Lee, Sam-Gon Ryu, Jong-Chol Lee and Deasik Hong	636
Influence of Ozone Treatment on Cr(VI) Adsorption of Activated Carbon	
Soo-Jin Park and Byung-Joo Kim	644
Optimization of TDA Recycling Process for TDI Residue using Near-critical Hydrolysis Process	
Joo Hee Han, Kee Do Han, Chang Mo Chung, Seung Hoe Do and Young Ho Shin	650
Optimization of Supercritical Water Oxidation(SCWO) Process for Decomposing Nitromethane	/F^
Adsorption Characteristics of Three-components Volatile Organic Compounds on Activated Carbonaceous Adsorbents	659
Adsorption Characteristics of Three-Components Volatile Organic Compounds on Activated Carbonaceous Adsorbents	669