# Korean Chemical Engineering Research 

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## Review

Separation Processes of Biologically Produced 1,3-Propanediol
Yeon Ki Hong
Article
Industrial Chemistry(Electrochemistry, Analytical Chemistry) • Catalysis/Reaction Engineering • Drug Delivery System •
Functional Coating Technology

Reaction Kinetics for the Synthesis of Diphenyl Carbonate from Dimethyl Carbonate
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Jin-Kil Kim, Kwang-Hee Park, Sung-Chang Hong, Eui-Dong Lee and Yong Kang
Degradation Accelerated Stress Test of Electrode and Membrane in PEMFC
$\cdot$ Jinhoon Song, Saehoon Kim, Byungki Ahn, Jaijoon Ko and Kwonpil Park
The Effect of Additives on the Mechanical Properties of Rigid Polyurethane
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Synthesis of Dodecanethiol-Capped Nanoparticles Using Ionic Liquids
Young Eun Lee, Seong Yun Lee and Seong-sik You
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- Jeong Boon Koo, Jang Sik Sin, Jeong Min Yang and Jong Dae Lee

Preparation of Zinc Oxide by Hydrothermal Precipitation Method and their Photocatalytic Characterization
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A Study on the NOx Reduction of Flue Gas Using Un-divided Electrolysis of Seawater
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New Approach Using the Continued Fraction Expansion for the Dead Time Approximation
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-Ho-Jung Ryu, Sang-Soo Park, Dong-Ho Lee, Won-Kil Choi and Young-Woo Rhee
A Devolatilization Model of Woody Biomass Particle in a Fluidized Bed Reactor

- Kwangsu Kim, Bo Leckner, Jeongwoo Lee, Uendo Lee and Youngtai Cho

The Duel Fuel Combustion of Low Calorific Biomass Syngas with Fuel Oil

- SangJun Yoon, YoungKu Kim, ChangJoon Jeon and JaeGoo Lee


## Biochemical Engineering • Biochip Technology • Biomedical Technology

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- Sang Hee Yun and In Ho Kim

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