

CONTENTS

Essay

..... N. FUJIWARA(1133)

Special Articles: The Latest Trend of Next Generation Technology Development for Lignocellulosic Biomass I

(Reviews)

Production of Cellulose Nanofibers and their Application
..... H. YANO(1134)

Development of Nanocarbon Production from Woody Biomass
..... T. NOMA, K. IDE, J. YOSHIKAWA, K. KOJO, T. MINE, M. KON(1141)

Ethanol Production from Sap of Old Oil Palm Trunks Felled for Replanting
..... Y. MORI, A. KOSUGI, Y. MURATA, T. ARAI(1147)

Refining and Functional Utilization of Lignocellulosics
..... M. FUNAOKA(1153)

Development of Genetically Modified Trees
..... K. SHINOHARA(1160)

Original Paper

Leaching Behavior of the Boron and Fluorine in Fly Ashes Formed in Pulverized Coal Combustion
..... N. TSUBOUCHI, K. SHIBUYA, Y. MUTO, Y. OHTSUKA(1166)

Supercritical Water Gasification Staged at Intervals for Hydrogen Fermentation Residue of Food Waste
..... H. MUNETSUNA, M. TAMAI, Y. NODA, Y. MATSUMURA(1173)

Effect of Temperature on Tarry Material Production of Glucose in Supercritical Water Gasification
..... C. PROMDEJ, A. CHUNTANAPUM, Y. MATSUMURA(1179)

Lecture Note

Coal (4) :
Fundamental Methods of Coal Petrology
..... K. OKADA(1185)

Annual Energy Reviews-2009 (supplement)(1193)

~~~~~  
Introduction of Research Group (Central Technical Research Laboratory, Research & Development Division,  
JX Nippon Oil & Energy Corporation) .....(1200)

Report on the 6th Liquid Atomization Seminar .....(1204)

Entropy .....(1205) JIE Calendar .....(1206)

Bulletin Board .....(1207) From the Editors .....(1208)  
~~~~~