

## C O N T E N T S

### Original Paper

- Economic and Environmental Evaluation of Monocrystalline Silicon Photovoltaic Power Generation Systems  
..... T. INOUE, T. MITSUMORI, K. YAMADA ..... (58)
- Extraction of 5-hydroxymethylfurfural Produced after the Treatment of Sucrose in the Ionic Liquid,  
1-ethyl-3-methylimidazolium Chloride, Using Various Organic Solvents  
..... Y. UKAI, H. MIYAFUJI ..... (68)
- Dispersion State of Catalytic Metal Supported on Bio-Char Elucidated Using Energy Dispersive X-ray Spectroscopy:  
Effects of Catalyst Type and Heating Process  
..... T. HANAOKA, Y. OKUMURA ..... (73)
- Hydrogen Production from *n*-dodecane Using Steam Reforming in-Liquid Plasma Method  
..... A. A. MOCHTAR, S. NOMURA, S. MUKASA, H. TOYOTA, K. KAWAMUKAI ..... (86)