

International Journal of Chemical Engineering and Applications

CONTENTS

Volume 4, Number 3, June 2013

- Synthesis of Nanocrystalline Electron Emissive Materials with Homogenous Composition in Nanoscale.....88
M. Shiran, M. J. Hadianfard, and M. M. Shiezadeh
- Biodiesel Production of *Garcinia Mangostana Linn. seeds* by Two-Phase Solvent Extraction and Alkali-Catalyzed Transesterification..... 92
L. Nabilah Aminah, S. T. Leong, Y. S. Wong, S. A. Ong, and C. K. Kairulazam
- Surface Tension of Ionic Liquids Analogues Using the QSPR Correlation..... 96
F. S. Mjalli, K. Shahbaz, M. A. Hashim, and I. M. AlNashef
- Sodium Hydroxide Pretreatment and Enzymatic Hydrolysis of Oil Palm Mesocarp Fiber.....101
Nur Izzati Iberahim, Jamaliah Md Jahim, Shuhaida Harun, Mohd Tusirin Mohd Nor, and Osman Hassan
- Properties of Blends of Novatein Thermoplastic Protein from Bloodmeal and Polybutylene Succinate Using Two Compatibilizers106
K. I. Ku Marsilla and C. J. R. Verbeek
- Sterilization of Oil Palm Fresh Fruit Using Microwave Technique.....111
I. Umudee, M. Chongcheawchamnan, M. Kiatweerasakul, and C. Tongurai
- Potassium Carbonate as a Salt for Deep Eutectic Solvents.....114
J. Naser, F. Mjalli, B. Jibril, S. Al-Hatmi, and Z. Gano
- Evaluation of Rubber/Mild Steel Bonds Failure after Exposure in Marine Environment.....119
Ismaliza Ismail and M. K. Harun
- Structures and Hydrogen Bonding Recognition of Mefenamic Acid Form I Crystals in Mefenamic Acid/Ethanol Solution.....124
Siti Kholijah Abdul Mudalip, Mohd. Rushdi Abu Bakar, Fatmawati Adam, and Parveen Jamal
- Enzymatic Destruction Kinetics of Oil Palm Fruits by Microwave Sterilization.....129
Maya Sarah and Mohd. Rozainee Taib
- Adsorption of Organic Dyes from Aqueous Solution by Surfactant Modified Corn Straw.....134
C. Umpuch and B. Jutarat
- Production of Bioethanol Fuel from Low-Grade-Date Extract.....140
A. K. Sulieman, M. H. Gaily, M. A. Zeinelabdeen, M. D. Putra, and A. E. Abasaeed
- A Review on Pulp Manufacture from Non Wood Plant Materials.....144
Kamoga Omar Lwako M., Byaruhanga Joseph K., and Kirabira John Baptist
- A Morphological Study on the Carbon Particles from Wood Fiber Waste via Hydrothermal Carbonization

Process.....	149
<i>Saidatul S. Jamari, Jonathan R. Howse, and Azlinna A. Bakar</i>	
Yield Enhancement Strategies for Enhancement of Indole Alkaloids in Hairy Root Cultures of <i>Catharanthus Roseus</i>	153
<i>D. Thakore, A. K. Srivastava, and A. K. Sinha</i>	
Study of Various Factors for Enhancement of Artemisinin in <i>Artemisia Annua</i> Hairy Roots.....	157
<i>Nivedita Patra, A. K. Srivastava, and Shilpi Sharma</i>	
Optimization of Natural Dyeing Using Ultrasonic Method and Biomordant.....	161
<i>N. A. Abdul Rahman, R. Tajuddin, and S. M. Tumin</i>	
Use of Desalinated Reject Water as a Source of Magnesium for Phosphorus Recovery.....	165
<i>Kazi P. Fattah, Sina Shabani, and Aqeel Ahmed</i>	
Reliability Analysis Using Fault Tree Analysis: A Review.....	169
<i>Ahmed Ali Baig, Risza Ruzli, and Azizul B. Buang</i>	