

International Journal of Chemical Engineering and Applications

CONTENTS

Volume 4, Number 4, August 2013

- Experimental Investigation of Ultrasonic and Megasonic Frequency on Cleaning of Various Disk Drive Components.....174
Vetrimurugan, Mike Goodson, Terry Lim, Samiheta, Nagarajan, and J. Siddharth
- Characterization of ZHY and TCA/ZHY Catalysts for Hydration of α -Pinene.....178
N. Wijayati, H. D. Pranowo, Jumina, Triyono, and G. K. Chuah
- Cadmium Telluride (CdTe) Thin Film for Photovoltaic Applications.....183
Sekhar Chandra Ray and Kaushik Mallick
- Optimization of ScCO₂ Extraction of Rambutan Seed Oil Using Response Surface Methodology.....187
Nuttawan Yoswathana
- Studies on Moisture-Sensitive Shape Memory Behavior of IPDI –BINA Based Polyurethane.....191
Hongming Yuan, Shaojun Chen, Shiguo Chen, and Zaochuan Ge
- Extraction of Bioactive Compounds from Mango Peels Using Green Technology.....194
S. Tunchaiyaphum, M. N. Eshtiaghi, and N. Yoswathana
- Building Metal Organic Frameworks with Pyridine Fuctionalised Imidazolium Salts Spacers.....199
Ibrahim T. Siraj and Mark D. Spicer
- Bioconcentration and Antioxidant Status Responses in Zebrafish (Danio Rerio) Under Atrazine Exposure...204
Abeer Ghazie A. Al-Sawafi and Yunjun Yan
- Preparation and Characterization of Conductive SiO₂-Polyaniline Core-Shell Nanoparticles.....209
Bo-Tau Liu, Jhan-Rong Syu, and De-Hua Wang
- Wiener Filter Used in the EBT2 Film for Radiation Therapy.....213
Liyun Chang
- Kinetic Study for the Synthesis of Diethyl Maleate over Cation Exchange Resin Indion 730.....217
Rajkumar S. Sirsam and Ghayas A. Usmani
- Methylation Formation to Improve Red Radish Anthocyanins Solubility in Cold Water.....221
Jie Zhang, Xiaohua Zhou, Dan Wang, Xing Zhou, and Shiyu Tan
- Composite Table Algorithm - A Powerful Hybrid Pinch Targeting Method for Various Problems in Water Integration.....224
R. Parand, H. M. Yao, M. O. Tadé and V. Pareek
- Permeability of Urea in N-Carboxymethyl Chitosan-Poly (Vynilalcohol) Blend Membranes for Hemodialysis
.....229

R. A. Lusiana, D. Siswanta, Mudasir, and T. Hayashita

Study of Factors Affecting the Ablation Rate of Phenolic Resin/Fiber Glass.....	234
<i>Nattawat Winya, Adulyasak Boonpan, and Komson Prapunkarn</i>	
The Synthesis of Pyrazole Derivatives Based on Glucose.....	238
<i>Kui Du, Yi-Jia Mei, Xian-Ting Cao, Peng-Fei Zhang, and Hui Zheng</i>	
Quality Risk Management in Pharmaceutical Dispensing Center.....	241
<i>M. Chitmetha, S. Prombanpong, and T. Somboonwiwat</i>	
Application and Evaluation of the Performance of Poly (Vinyl Alcohol) and its Blend with Nitrocellulose in Leather Top Coating.....	249
<i>Sani M. Gumel and Bello B. Dambatta</i>	
Modeling of the Dynamics Adsorption of Phenol from an Aqueous Solution on Activated Carbon Produced from Olive Stones.....	254
<i>H. Nouri and A. Ouederni</i>	
Biomass and Lipid Yield of Locally Isolated Microalgae.....	262
<i>L. D. B. Ngoc, M. F. Adenan, B. A. Bato, N. Mansor, and S. Mahadzir</i>	