

International Journal of Chemical Engineering and Applications

CONTENTS

Volume 1 Number 3, October 2010

- Design and Programming of Cathodic Protection for SHIPS.....217
A. Mathiazhagan
- Liquid- Liquid Extraction of 2,3-Butanediol: Performance of Packed Extraction Column
Using Continuous Countercurrent.....222
Dr. Sadhana Vishwakarma
- Determination of Suitable Feedstock for Refineries Utilizing LP and NLP Models.....225
H. Ganji, S. Zahedi, M. Ahmadi Marvast, S. Kananpanah, M. Sadi, S. Shokri
- A Fast Method for Data Validation in RTO Technology.....230
B. Baloochy, S.Shokri and M.Ahmadi Marvast
- Immobilization of Petroleum Sludge Incorporating Portland Cement and Rice Husk Ash...234
Asna Mohd Zain, Md. Ghazaly Shaaban and Hilmi Mahmud
- Preparation, Characterization and Photocatalytic Activity of Nanometer SnO₂.....241
Hao YUAN, Jiaqiang XU
- Photochemical Oxidation of Phenol and Chlorophenol by UV/H₂O₂/TiO₂ Process : A Kinetic
Study.....247
Abhilasha Dixit, A.K.Mungray and Mousumi Chakraborty
- Fluidization Principles for Three-Phase Fluidized Bed Bio-Reactor.....251
K.S.K. Rao Patnaik and K. Sriharsha
- Effect of Manganese Salts on an Oscillatory Chemical Reaction in Different Acid Media
.....256
Nadeem B Ganaie and G M Peerzada
- Performance Characteristics of Biodiesel Produced from Waste Groundnut Oil using
Supported Heteropolyacids.....261
A. Anitha and S.S. Dawn
- Study of CO₂ Adsorption in Low Cost Graphite Nanoplatelets.....266
Ashish Kumar Mishra and Sundara Ramaprabhu
- Application of Vegetated Constructed Wetland with Different Filter Media for Removal of
Ammoniacal Nitrogen and Total Phosphorus in Landfill Leachate.....270

Ahmad Md Noor, Lim Chin Shiam, Fong Wai Hong, Suryani Soetardjo and H.P.S. Abdul Khalil

Selective Ethylene Dimerization Toward 1-butene by a New Highly Efficient Catalyst System and Determination of Its Optimum Operating Conditions in a Buchi Reactor.....276

Seyed Hamed Mahdavian, Davood Soudbar and Matin Parvari

Granule Growth Mechanism Studies in a Fluidized Bed Granulation.....282

K.S.K. Rao Patnaik and K. Sriharsha