## International Journal of Chemical Engineering and Applications

## **CONTENTS**

Volume 6, Number 6, December 2015
• Materials and Processing Technology  New Complex for Enhancing Drag Reduction Efficiency
Effect of Zirconia and Nickel Doping on the Reduction Behavior of Tungsten Oxide in Carbon Monoxide  Atmosphere
Modification of Porous Materials by Saturated Fatty Amine as CO <sub>2</sub> Capturer
Effects of Microwave — Induced Torrefaction on Waste Straw Upgrading
Influence of Noble Metal (Ru, Os and Ag) on the Reduction Behaviour of Iron Oxide Using Carbon Monoxide:  TPR and Kinetic Studies
Microbiological and Chemical  Studies Regarding the Influence of the Ultrasonication Conditions on the Adsorption Performance of Obtained Ionic Liquid Impregnated Materials
Using Ionic Liquids for the Separation of Carbohydrates
Hydrolysis of Empty Fruit Bunches of Palm Oil ( <i>Elaeis Guineensis Jacq</i> .) by Chemical, Physical, and Enzymatic Methods for Bioethanol Production
Recrystallization and Micronization of 4-Dimethylaminoantipyrine Using the Rapid Expansion of Supercritical Solution (RESS) Process
Using Plasma Treatment for Enhancing the Coating for Rechargeable Antimicrobial Finishing of Cotton Fabric
Chi-Wai Kan

Zaihumniga	Unagain	Canad	Ahmad Nagra.	and Mahwish	Lamil
Zaipunnisa	Hussain.	Saeea	Anmaa Nagra.	ana Menwisn	Јати

Microbial Flora, Proximate Composition and Vitamin Content of Juices of Three Fruits Bought from a Local
Market in Nigeria
Ositadinma C. Ugbogu and Alloysius C. Ogodo
General Mechanical Engineering and Thermodynamics
Equilibrium, Kinetics and Thermodynamic of Dye Adsorption by Low — Cost Adsorbents
S. Sawasdee and P. Watcharabundit
Kinetic Model of Nitric Oxide Reduction on CuFe/SUZ-4 Catalyst in Packed Bed Column
P. Worathanakul, T. Layakul, and P. Juengsura
Electrical Properties of the Thin Films Using a Low Temperature Supercritical Carbon Dioxide Fluid Process
Kai-Huang Chen, Sean Wu, and Chien-Min Cheng
Theoretical Study of Single Phase Heat Transfer in a Helically Coiled Tube of Small Diameter
Ashish Kumar Pandey, P. K. Mishra, and K. K. Srivastava